

# Phase I Environmental Site Assessment

## MBTA Wonderland Station Parking Lot

400 Ocean Avenue  
Revere, Massachusetts

EBI Project No. 1217000149

May 5, 2017



Prepared by:



**EBI Consulting**  
environmental | engineering | due diligence

May 5, 2017

**Subject: Phase I Environmental Site Assessment  
MBTA Wonderland Station Parking Lot  
400 Ocean Avenue, Revere, Massachusetts  
EBI Project No. 1217000149**

Dear

Attached please find our *Phase I Environmental Site Assessment* (the report) for the above-mentioned asset (the Subject Property). During the survey and research, our surveyor met with agents representing the Subject Property, or agents of the owner, and reviewed the Subject Property and its history. The report was completed according to the terms and conditions authorized by you. This report has been completed in general conformance with the ASTM Standard E 1527-13.

This report is addressed to *Lixi Hospitality Revere LLC c/o Lixi Group* and their respective successors and assigns. Reliance on the report and the information contained herein shall mean (i) the report may be relied upon by *Lixi Hospitality Revere LLC c/o Lixi Group* in determining whether to make a loan evidenced by a note secured by the Subject Property ("the Mortgage Loan"); (ii) the report may be relied upon by any loan purchaser in determining whether to purchase the Mortgage Loan from *Lixi Hospitality Revere LLC c/o Lixi Group Lixi Group*, or an interest in the Mortgage Loan or securities backed or secured by the Mortgage Loan, and any rating agency rating securities representing an interest in the Mortgage Loan or backed or secured by the Mortgage Loan; (iii) the report may be referred to in and included, in whole or in part, with materials offering for sale the Mortgage Loan or an interest in the Mortgage Loan or securities backed or secured by the Mortgage Loan; and (iv) the report speaks only as of its date in the absence of a specific written update of the report signed and delivered by EBI Consulting.

This report was performed utilizing methods and procedures consistent with established commercial practices and in conformance with industry standards. The suggestions represent EBI's opinion based on written, graphic or verbal information, the property condition and data available to us at the time of the survey. Factual information regarding operations, conditions or data provided by the Client, occupants, owner or their representative has been assumed to be correct and complete.

There are no intended or unintended third party beneficiaries to this report, except as expressly stated herein.

EBI is an independent contractor, not an employee of either the issuer or the borrower, and its compensation was not based on the findings or recommendations made in the report or on the closing of any business transaction.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and 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.

Thank you very much for the opportunity to provide environmental consulting services to *Lixi Hospitality Revere LLC c/o Lixi Group*. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,  
**EBI CONSULTING**

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## EXECUTIVE SUMMARY

At the request of Lixi Hospitality Revere LLC c/o Lixi Group, EBI has performed a Phase I Environmental Site Assessment (ESA) of the property located at 400 Ocean Avenue in Revere, Massachusetts, herein referred to as the Subject Property. The main objective of this ESA was to identify *recognized environmental conditions* in connection with the Subject Property, defined in ASTM Practice E 1527-13 as 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. De minimis conditions are not recognized environmental conditions. This ESA also includes a preliminary evaluation of certain potential environmental conditions that are outside the scope of ASTM Practice E 1527-13.

The Subject Property includes two contiguous rectangular -shaped parcels, identified by the Revere, Massachusetts Assessor's Office as Map 9, Blocks 166 & 168-6 cumulatively totaling approximately 1.33 acres. The Subject Property, commonly known as "Parcel H," is currently improved with an asphalt-paved parking lot owned by the Massachusetts Bay Transportation Authority and operated by the City of Revere. The parking lot is utilized by commuters on the MBTA blue line at the Wonderland Station. There are no significant structures on the property. A small shed for the parking lot attendant is located along on the southeast corner of the property.

At the time of assessment, the Subject Property consisted of an asphalt paved parking surface with a small shed for the parking lot attendant. There are currently no manufacturing or industrial operations conducted at the Subject Property.

Below is the Assessment Summary Table presenting our recommended actions for the Subject Property. EBI's Findings and Opinions are presented in Section 8.0, and recommendations for further action or investigation are presented in Section 9.0.

ASSESSMENT SUMMARY TABLE								
MBTA WONDERLAND STATION PARKING LOT								
400 OCEAN AVENUE, REVERE, MASSACHUSETTS								
ASSESSMENT COMPONENT	SECTION	NO FURTHER ACTION	REC	HREC	CREC	OTHER	RECOMMENDED ACTION	ESTIMATED COST
Current Occupants/ Operations	2.3, 5.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action	
Historical Review	4.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action See EBI's May 2017 Phase II ESA	
Regulatory Review	4.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action	
Potential Off-site Sources	2.5, 4.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action	
Hazardous Substances / Petroleum Products	5.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action	
Other Suspect Containers	5.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action	
Waste Generation	5.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action	
USTs	5.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action	
ASTs	5.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action	
PCBs	5.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action	
Additional Site Conditions	5.6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action	
Asbestos Containing Materials	7.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action	
Radon	7.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action	
Lead-based Paint	7.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action	
Lead in Drinking Water	7.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action	
Vapor Migration	4.1.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Further Action	

## I.0 INTRODUCTION

This report documents the findings, opinions, and conclusions of a Phase I Environmental Site Assessment (ESA) of the property located at 400 Ocean Avenue in Revere, Massachusetts.

### I.1 PURPOSE

The purpose of this ESA was to identify *recognized environmental conditions* and certain environmental conditions outside the scope of ASTM Practice E 1527-13 in connection with the property at the time of the property reconnaissance.

### I.2 SCOPE-OF-SERVICES

This ESA was conducted utilizing a standard of good commercial and customary practice that was consistent with the ASTM Practice E 1527-13. Any significant scope-of-work additions, deletions or deviations to ASTM Practice E 1527-13 are noted below or in the corresponding sections of this report. The scope-of-work for this assessment included an evaluation of the following:

- Physical characteristics of the Subject Property through a review of referenced sources for topographic, geologic, soils and hydrologic data.
- Subject Property history through a review of referenced sources such as land deeds, fire insurance maps, city directories, aerial photographs, prior reports, and interviews.
- Current Subject Property conditions, including observations and interviews regarding the following: the presence or absence of hazardous substances or petroleum products; generation, treatment, storage, or disposal of hazardous, regulated, or biomedical waste; equipment that utilizes oils which potentially contain PCBs; and storage tanks (aboveground and underground).
- Usage of surrounding area properties and the likelihood for releases of hazardous substances and petroleum products (if known and/or suspected) to migrate onto the Subject Property.
- Information in referenced environmental agency databases and local environmental records, within specified minimum search distances.
- Past ownership through a review of available prior reports and local municipal file review.

The scope-of-work also included consideration of the following potential environmental conditions that are outside the scope of ASTM Practice E 1527-13: asbestos-containing materials (ACM), lead-based paint (LBP), lead in drinking water and radon.

### I.3 ASSUMPTIONS, LIMITATIONS AND EXCEPTIONS

This Phase I Environmental Site Assessment (the report) has been prepared for the use of Lixi Hospitality Revere LLC c/o Lixi Group, in accordance with our Standard Conditions for Engagement and Authorization Letter and Agreement for Environmental Services approved and signed by Lixi Hospitality Revere LLC c/o Lixi Group (the Agreement), and with the limitations described below, all of which are integral parts of this report. A copy of the signed Standard Conditions For Engagement and Authorization Letter and Agreement for Environmental Services is maintained at the EBI Consulting office in Burlington, Massachusetts. To the extent any provisions of this report conflict with the terms of the Agreement, the Agreement will control.

EBI has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard E 1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. This report was prepared with no exceptions or deletions from ASTM Standard E 1527-13.

This Phase I Environmental Site Assessment has been prepared to assess a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and petroleum products. As such, this practice is intended to permit Lixi Hospitality Revere LLC c/o Lixi Group to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability: that is, the practices that constitute “all appropriate inquiry into the previous ownership and uses of the Subject Property consistent with good commercial or customary practice” as defined in 42 U.S.C. § 9601(35)(B).

In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by this practice is to identify *recognized environmental conditions*. The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property (1) due to a release to the environment, (2) under conditions that indicate an existing release or a past release, or (3) under conditions that pose a material threat of a future release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term does not include *de minimis conditions* that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The information reported was obtained through sources deemed reasonably ascertainable, as defined in ASTM Standard E 1527-13; a visual site survey of areas readily observable, easily accessible or made accessible by the Subject Property contact and interviews with owners, agents, occupants, or other appropriate persons involved with the Subject Property and a review of standard federal, state, and tribal environmental record sources. Municipal information was obtained through review of reasonably ascertainable standard government record sources and interviews with the authorities having jurisdiction over the Subject Property. Findings, conclusions, and recommendations included in the report are based on our visual observations in the field, the standard environmental record sources and municipal information reasonably obtained, information provided by the Client, and/or a review of readily available and supplied documents and drawings. EBI relies completely on the information, whether written, graphic, or verbal, provided by the Subject Property contact or as shown on any documents reviewed or received from the Subject Property contact, owner or agent, or municipal source, and assumes that information to be true and correct unless the information is known to be inaccurate or if it is obvious, based on other information obtained as part of the assessment, that the information is not accurate. Although there may have been some degree of overlap in the information provided by these various sources, EBI did not attempt to verify independently the accuracy or completeness of all information reviewed or received during the course of these environmental services.

The information reported, as well as EBI’s findings, conclusions, and recommendations are based upon sources deemed reasonably ascertainable, as defined in ASTM Standard E 1527-13; a visual site survey of areas readily observable, easily accessible or made accessible by the Subject Property contact and interviews with owners, agents, occupants, or other appropriate persons involved with the Subject Property and a review of standard federal, state, and tribal environmental record sources. Municipal information was obtained through review of reasonably ascertainable standard government record

sources and interviews with authorities having jurisdiction over the Subject Property. Lixi Hospitality Revere LLC c/o Lixi Group agrees that EBI has no obligation to independently verify the accuracy or completeness of the information reviewed or received during the course of these environmental services.

EBI renders no opinion as to the presence of hazardous substances or petroleum products in, on or under un-surveyed and/or inaccessible portions of the Subject Property. Unsurveyed and inaccessible portions of the Subject Property are described below. In addition, EBI renders no opinion as to the presence of hazardous substances or petroleum products in, on or under the Subject Property where direct observation of the interior walls, floor, or ceiling of a structure was obstructed by objects or coverings on or over these surfaces.

EBI Services and opinions are based on the scientific or technical tests or procedures specifically set forth in the scope of the Services described in this report. The ASTM Standard E 1527-13 does not encompass analytical testing to evaluate asbestos containing materials, radon, lead-based paint, drinking water quality, indoor air quality, stored chemicals, debris, fill materials, surface water, or subsurface samples (soil and groundwater) as part of a Phase I ESA. Because geologic and soil formations are inherently random, variable, and indeterminate in nature, the Services and opinions provided under this Agreement are not guaranteed to be a representation of actual conditions on the Subject Property, which are also subject to change with time as a result of natural or man-made processes, including water permeation. In performing the Services, EBI used that degree of care and skill ordinarily exercised by environmental consultants or engineers performing similar services in the same or similar locality at the same time and under similar circumstances. No other representation, expressed or implied, and no warranty or guarantee is included or intended. The report speaks only as of its date, in the absence of a specific written update of the report, signed and delivered by EBI. Additional information that becomes available after our survey and draft submission concerning the Subject Property should be provided to EBI so that our conclusions may be revised and modified if necessary, at additional cost.

Client and EBI agree that to the fullest extent permitted by law, EBI shall not be liable to Client for any special, indirect, consequential, punitive, exemplary, incidental or indirect damages or losses whatsoever, whether caused by EBI's negligence, errors, omissions, strict liability, breach of contract, breach of warranty or other cause or causes whatsoever.

The assessment was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession, and in accordance with generally accepted practices of other consultants currently practicing in the same locality under similar conditions.

#### **I.4 SPECIAL TERMS AND CONDITIONS**

This Phase I Environmental Site Assessment (the report) has been prepared to assist a lender to be selected by Lixi Hospitality Revere LLC c/o Lixi Group in determining whether to make a loan evidenced by a note secured by the Subject Property. Reliance upon this report does not extend to entities or individuals interested in purchasing the Subject Property. Amendments to EBI's limitations as stated herein that may occur after issuance of the report are considered to be included in this report. EBI's liability to a purchaser wishing to use this report is limited to the cost of the report. Payment for the report is made by, and EBI's contract and report extends to Lixi Hospitality Revere LLC c/o Lixi Group only, in accordance with our Standard Conditions For Engagement and, Authorization Letter and Agreement for Environmental Services.

## **I.5 DATA GAPS**

Any data gaps identified herein, as defined by ASTM Practice E 1527-13 § 3.2.20, are not considered to have significantly affected the ability to identify recognized environmental conditions in connection with the Subject Property and do not alter the conclusions of this report.

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## 2.0 SUBJECT PROPERTY DESCRIPTION

### 2.1 OWNERSHIP AND LOCATION

According to the City of Revere Assessor's Office, the Subject Property is currently owned by the Massachusetts Bay Transportation Authority (MBTA).

The Subject Property is located at 400 Ocean Boulevard in Revere, Middlesex County, Massachusetts. The Subject Property includes two contiguous rectangular -shaped parcels, identified by the Revere, Massachusetts Assessor's Office as Map 9, Blocks 166 & 168-6 cumulatively totaling approximately 1.33 acres. The Subject Property is located in the northwest quadrant of the intersection of Ocean Boulevard and Chester Avenue. Figure 1 - Location Map depicts the location of the Subject Property on a street map of Revere, Massachusetts. Figure 2 - Locus Map depicts the location of the Subject Property on the Lynn, MA 1986 and Boston North, MA 1986 United States Geological Survey (USGS) 7.5 Minute Topographic Quadrangle. Figure 3 - Site Plan depicts the configuration of the Subject Property and adjoining properties.

### 2.2 SUBJECT PROPERTY IMPROVEMENTS

The Subject Property, commonly known as "Parcel H," is currently improved with an asphalt-paved parking lot owned by the Massachusetts Bay Transportation Authority and operated by the City of Revere. The parking lot is utilized by commuters on the MBTA blue line at the Wonderland Station. There are no significant structures on the property. A small shed for the parking lot attendant is located along on the southeast corner of the property.

### 2.3 CURRENT USE OF THE SUBJECT PROPERTY

At the time of assessment, the Subject Property consisted of an asphalt paved parking surface with a small shed for the parking lot attendant.

Please refer to Section 5.2 for further discussion regarding hazardous substances and petroleum products at the Subject Property.

### 2.4 MUNICIPAL SERVICES & UTILITIES

The Subject Property is serviced by the following municipal services and utilities:

MUNICIPAL SERVICES AND UTILITIES	
Utility	Provider/Source
Potable Water Supply	Not provided
Sewage Disposal System	Not provided
Electrical Service	National Grid
Natural Gas Service	Not provided
Oil Service	Not provided
Heating/Cooling Systems	Not provided
Emergency Power	Not provided

### 2.5 ADJOINING PROPERTIES

Property use in the vicinity of the Subject Property is primarily characterized by residential and commercial development.



<b>ADJOINING PROPERTIES</b>	
<b>North</b>	The Subject Property is bound to the north by a pedestrian footbridge for the MBTA Wonderland Station, beyond which a MBTA commuter parking lot is located.
<b>South</b>	The Subject Property is bound to the south by a residential apartment building known as Water's Edge Luxury Apartment Complex located at 394 Ocean Avenue.
<b>East</b>	The Subject Property is bound to the east by Ocean Avenue and public land associated with Revere Beach.
<b>West</b>	The Subject Property is bound to the west by the MBTA Wonderland station.

No visual evidence of adverse environmental conditions was observed during the survey of the adjoining properties.

### **3.0 USER PROVIDED INFORMATION**

The following section summarizes information provided by Lixi Hospitality Revere LLC c/o Lixi Group with regard to this Phase I Environmental Site Assessment. Additionally, a User Questionnaire was forwarded to the designated Client contact. The User Questionnaire has been completed and returned to our offices. The information requested in the User Questionnaire is intended to assist in gathering information that may be material to identifying recognized environmental conditions in connection with the Subject Property. The User Questionnaire and any additional documentation referenced below is presented in Appendix C.

#### **3.1 TITLE RECORDS**

Title record information associated with the Subject Property has not been provided to EBI by Lixi Hospitality Revere LLC c/o Lixi Group. A detailed discussion regarding review of information obtained from other sources is presented in Section 4.3.5 of this report.

#### **3.2 ENVIRONMENTAL LIENS AND ACTIVITY AND USE LIMITATIONS**

Lixi Hospitality Revere LLC c/o Lixi Group has provided no information regarding environmental liens or activity and use limitations in connection with the Subject Property. A discussion regarding environmental liens is presented in Section 4.3.7 of this report. A detailed discussion regarding activity and use limitations is presented in Sections 4.1.1 and 4.1.2 of this report.

#### **3.3 SPECIALIZED KNOWLEDGE**

Lixi Hospitality Revere LLC c/o Lixi Group provided no specialized knowledge that is material to recognized environmental conditions in connection with the Subject Property. EBI was not provided with or made aware of previous environmental assessments or other documentation that is material to recognized environmental conditions in connection with the Subject Property, except as presented in Section 4.3.8 of this report.

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

Lixi Hospitality Revere LLC c/o Lixi Group has provided no commonly known or reasonably ascertainable information within the local community about the Subject Property that is material to recognized environmental conditions in connection with the Subject Property.

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

Lixi Hospitality Revere LLC c/o Lixi Group has provided no information regarding valuation reduction for environmental issues in connection with the Subject Property.

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

Lixi Hospitality Revere LLC c/o Lixi Group provided contact information for the Subject Property owner, manager and/or occupants.

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

Lixi Hospitality Revere LLC c/o Lixi Group retained EBI to complete this Phase I Environmental Site Assessment in connection with a real estate transaction.

## 4.0 RECORDS REVIEW

### 4.1 STANDARD ENVIRONMENTAL RECORDS

A review of standard environmental databases maintained by Federal, state, and tribal offices was completed through Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut. The databases were searched for properties with reported environmental conditions located within approximate minimum search distances as specified by ASTM Standard E 1527-13, by using geocoding information that identified the coordinates of the properties in the databases or by checking the street addresses of practically reviewable non-geocoded “orphan” properties within the same zip code. The database report is presented in Appendix E.

The database report identified 18 “orphan sites”. Orphan sites are those sites that could not be accurately mapped or geocoded due to inadequate location information. EBI attempted to locate these sites via vehicular reconnaissance and interviews with personnel familiar with the area. Based on this research, EBI did not identify listed orphan sites within the approximate minimum search distances that may be considered likely to have impacted conditions at the Subject Property.

It should be noted that plotted locations of listed sites are not always accurate. With regard to listings that are determined or suspected to be inaccurate, based on information from other sources such as direct observation or consultation with individuals familiar with the property, EBI uses the best available data when evaluating the location of listed sites discussed below.

The following table provides a summary of the findings of the environmental database report. Specific properties identified within the database report are further discussed below.

<b>SUMMARY OF FEDERAL, STATE, AND TRIBAL AGENCY DATABASE FINDINGS</b>			
<b>Regulatory Database</b>	<b>Approximate Minimum Search Distance</b>	<b>Subject Property Listed</b>	<b>Off-site Listings Within Search Distance</b>
Federal NPL Sites	1.0 mile	No	0
Federal Delisted NPL Sites	0.5 mile	No	0
Federal SEMS Sites	0.5 mile	No	0
Federal SEMS-ARCHIVE Sites	0.5 mile	No	0
Federal RCRA CORRACTS Sites	1.0 mile	No	0
Federal RCRA non-CORRACTS TSD Sites	0.5 mile	No	0
Federal RCRA Generators Sites	Property & Adjoining	No	0
Federal Engineering / Institutional Control Sites	0.5 mile	No	0
Federal ERNS Sites	Property	No	NA
State and Tribal equivalent NPL / CERCLIS Sites	1.0 / 0.5 mile	<b>Yes**</b>	<b>65</b>
State and Tribal Spills Sites	Property	No	NA
State and Tribal Landfill or Solid Waste Disposal Sites	0.5 mile	No	0
State and Tribal Leaking Storage Tank Sites	0.5 mile	No	<b>6</b>
State and Tribal Registered Storage Tank Sites	Property & Adjoining	No	0
State and Tribal Engineering / Institutional Control Sites	0.5 mile	No	<b>2</b>
State and Tribal Voluntary Cleanup Sites	0.5 mile	No	0
State and Tribal Brownfield Sites	0.5 mile	No	0
MADEP Release	Property	<b>Yes**</b>	NA
Enforcement	Property	<b>Yes**</b>	NA
RGA Hazardous Waste Site	Property	<b>Yes**</b>	NA

\*\* - Indicates an offsite listing identified at the Subject Property address

#### 4.1.1 Federal Agency Database Records

##### National Priority List (NPL)

The NPL database, also known as the Superfund List, is a subset of CERCLIS and identifies sites that are ranked as high priority for remedial action under the Federal Superfund Act. Neither the Subject Property nor any sites located within 1.0 mile of the Subject Property were identified on the NPL.

##### Delisted National Priority List (NPL)

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes 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. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on the Delisted NPL database.

##### Superfund Enterprise Management System (SEMS)

SEMS tracks federal hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of the USEPA's Superfund Program. The list was formerly known as CERCLIS and was renamed at the end of 2015. The list contains data regarding 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). SEMS also contains sites that are either proposed to or on the National Priority List (NPL), as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on the SEMS database.

##### SEMS – ARCHIVE

SEMS-ARCHIVE tracks sites that have been removed from the SEMS list. This list was formerly known as the CERCLIS- NFRAP list and was renamed SEMS-Archive at the end of 2015. SEMS-ARCHIVE sites may be sites where, following an initial investigation, no contamination was found, contamination was removed without the need for the site to be placed on the NPL, or the contamination was not considered sufficient to warrant Federal Superfund action or NPL consideration. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on the SEMS-ARCHIVE database.

##### Resource Conservation and Recovery Act (RCRA) – Corrective Action Tracking System (CORRACTS)

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information regarding sites that generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA. The RCRA-CORRACTS database identifies TSD facilities that have conducted, or are currently conducting, corrective action(s) as regulated under RCRA. Neither the Subject Property nor any sites located within 1.0 mile of the Subject Property were identified on the RCRA CORRACTS database.

##### RCRA non-CORRACTS Treatment, Storage and/or Disposal (TSD) Facilities

RCRA non-CORRACTS Treatment, Storage and/or Disposal (TSD) facilities are required to register hazardous waste activity under the Resource Conservation and Recovery Act (RCRA). Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on the RCRA non-CORRACTS TSD database.

RCRA Hazardous Waste Generators

Hazardous waste generators tracked under the Resource Conservation and Recovery Act (RCRA) are classified as either Large Quantity Generators (LQGs), Small Quantity Generators (SQGs), or Conditionally Exempt Small Quantity Generators (CESQG). A RCRA-LQG is defined as a facility that generates over 1,000 kilograms (Kg) of hazardous waste, or over 1 Kg of acutely hazardous waste per month. A RCRA-SQG is defined as a facility that generates between 100 Kg and 1,000 Kg of hazardous waste per month. A RCRA-CESQG is defined as a facility that generates less than 100 Kg of hazardous waste, or less than 1 Kg of acutely hazardous waste per month. Neither the Subject Property nor any adjoining properties were identified on the RCRA Generator database.

Federal Engineering Control / Institutional Control Registries

The completion of site cleanup activities may include the implementation of engineering controls or institutional controls as part of the response action. 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. 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. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on Federal Engineering Control or Institutional Control Registries.

Emergency Response Notification System (ERNS)

ERNS is a national database used to collect information regarding reported releases of petroleum products and/or hazardous substances. The database contains information from spill reports submitted to Federal agencies, including the EPA, the U.S. Coast Guard, the National Response Center, and the U.S. Department of Transportation. A review of this database was conducted in order to determine whether any spills or incidents involving releases of hazardous substances or petroleum products have occurred at the Subject Property. The Subject Property was not identified on the ERNS database.

4.1.2 State and Tribal Agency Database Records

State and Tribal equivalent NPL Sites and CERCLIS Sites

State and tribal equivalent NPL and CERCLIS databases were searched for sites located within 1.0 mile and 0.5 mile of the Subject Property, respectively. The Subject Property and 65 sites located within the specified minimum search distances were identified on state and/or tribal databases. Please note the Subject Property listings pertain to the northern portion of the MBTA Wonderland T Station Parking lot, and are not included in the parcel boundaries for this assessment. Of the listed sites, 57 sites are located greater than 0.25 mile from the Subject Property. Based upon the distance and/or hydrogeologic separation from the Subject Property, these 57 sites are considered unlikely to represent an existing release, past release, or material threat of release of hazardous substances or petroleum products on the Subject Property. Six of the eight SHWS sites located within 0.25 mile of the Subject Property have issued a Response Action Outcome (RAO) Statement to the Massachusetts Department of Environmental Protection (MassDEP), and based upon the current regulatory status are considered unlikely to represents an environmental concern to the Subject Property. Information regarding the SHWS sites located within 0.25 mile of the Subject Property is presented in the following table:

<b>STATE AND TRIBAL EQUIVALENT NPL SITES AND CERCLIS SITES</b>			
<b>Site</b>	<b>Distance / Direction / Gradient*</b>	<b>ID No.</b>	<b>Regulatory Status</b>

<b>STATE AND TRIBAL EQUIVALENT NPL SITES AND CERCLIS SITES</b>			
<b>Site</b>	<b>Distance / Direction / Gradient*</b>	<b>ID No.</b>	<b>Regulatory Status</b>
MBTA Wonderland Station Ocean Avenue Revere, MA	400-feet / North / Crossgradient	3-0021276	Notification Date: 11/29/01 Contaminants: PAHs Media Impacted: Soil Status: Class A-2 RAO Date of Closure: 08/12/08
MBTA Wonderland Station Ocean Avenue Revere, MA	180-feet / North- northwest / Crossgradient	3-0017001	Notification Date: 07/03/1998 Contaminants: Diesel Fuel Media Impacted: Soil Status: Class A-1 RAO Date of Closure: 08/07/1998
190 VFW Parkway Revere, MA	0.184 miles / West-northwest / Upgradient	3-0030721	Notification Date: 03/15/12 Contaminants: PAHs and lead Media Impacted: Not reported Status: Tier 1D, a release where the responsible party fails to provide a required submittal to DEP by a specified deadline Date of Closure: NA
DCR Maintenance Yard 660 Ocean Avenue Revere, MA	0.230 miles / North-northeast / Crossgradient	3-0032857	Notification Date: 05/02/15 Contaminants: Oil and hazardous materials Media Impacted: Soil Status: Tier II, A site/release receiving a total NRS score of less than 350 without prior DEP approval. Date of Closure: NA

\* Presumed hydrogeologic gradient based upon regional topography

Concentrations of polynuclear aromatic hydrocarbons (PAHs) are present in soil at the MBTA parking lot located north of the Subject Property. The site was assigned release tracking number (RTN) 3-0021276 in 2001 upon discovery of PAHs in soil above the Massachusetts Contingency Plan (MCP) Reporting Category RCS-I standards. The site has issued a Class A-2 Response Action Outcome (RAO) statement to MassDEP indicating a permanent solution has been achieved, but concentrations have not been reduced to background levels. Based upon the nature and extent of documented impacts to the northern adjacent parking lot, it is considered unlikely to represent a concern to the Subject Property. EBI notes that the concentrations of PAHs are attributable to urban fill material, which are present in soil at the Subject Property (See EBI's May 2017 Phase II ESA).

A release of approximately 20-gallons of diesel fuel occurred in 1998 on the northern MBTA parking lot. The release was contained to small area of the asphalt and was cleaned using absorbent materials. The site issued a Class A-1 RAO indicating a permanent solution has been achieved and concentrations have been reduced to background levels. Based upon the nature and extent of the release of diesel fuel to northern adjacent parking lot, it is considered unlikely to represent a concern to the Subject Property.

Based upon the current regulatory status, distance/presumed hydrogeologic gradient relative to the Subject Property, and reported nature of contamination (Soil impacts only), it is considered unlikely that conditions associated with the 190 VFW Parkway and DCR Maintenance Yard sites represent an environmental concern to the Subject Property.

State and Tribal Spills Sites (Spills)

A review of available Spills databases was conducted in order to determine whether any spills or incidents involving releases of hazardous substances or petroleum products have occurred at the Subject Property. The Subject Property was not identified on the Spills database.

State and Tribal Landfill Sites and Solid Waste Disposal Sites

The state and tribal landfill and solid waste disposal site databases identify active or inactive landfill and transfer station facilities, as well as open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites. Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on state or tribal landfill and solid waste disposal site databases.

State and Tribal Leaking Storage Tank Sites

Leaking Storage Tank Sites are properties where releases of hazardous substances or petroleum products from underground storage tanks (USTs) and/or aboveground storage tanks (ASTs) have been identified and reported to state, tribal, or local agencies. The Subject Property was not identified on state or tribal Leaking Storage Tank databases. However, six sites located within 0.5 mile of the Subject Property were identified on state or tribal Leaking Storage Tank databases. Of the listed sites, three sites are located greater than 0.25 mile from the Subject Property. Based upon the distance and/or hydrogeologic separation from the Subject Property, these three sites are considered unlikely to represent an existing release, past release, or material threat of release of hazardous substances or petroleum products on the Subject Property. Two of the three LUST sites located within 0.25 mile of the Subject Property have issued a RAO Statement to the MassDEP, and based upon the current regulatory status are considered unlikely to represent an environmental concern to the Subject Property. Information regarding the active LUST site located within 0.25 mile of the Subject Property is presented in the following table:

<b>STATE AND TRIBAL LEAKING STORAGE TANK SITES</b>			
<b>Site</b>	<b>Distance / Direction / Gradient*</b>	<b>ID No.</b>	<b>Regulatory Status</b>
DCR Maintenance Yard 660 Ocean Avenue Revere, MA	0.230 miles / North-northeast / Crossgradient	3-0032857	Notification Date: 05/02/15 Contaminants: Oil and hazardous materials Media Impacted: Soil Status: Tier II, A site/release receiving a total NRS score of less than 350 without prior DEP approval. Date of Closure: NA

\* Presumed hydrogeologic gradient based upon regional topography

Based upon the distance/presumed hydrogeologic gradient relative to the Subject Property and reported nature of contamination (Soil impacts only), it is considered unlikely that conditions associated with the identified site represent an environmental concern to the Subject Property.

State and Tribal Registered Storage Tanks

Neither the Subject Property nor any adjoining properties were identified on state or tribal Registered Storage Tank databases.

State and Tribal Engineering Control / Institutional Control Registries

The completion of site cleanup activities may include the implementation of engineering controls or institutional controls as part of the response action. 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. 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. The Subject Property was not identified on state or tribal Engineering Control or Institutional Control Registries. However, two sites located within 0.5 mile of the Subject Property were identified on state or tribal Engineering Control or Institutional Control Registries. Information regarding the listed sites is presented in the following table:

<b>STATE AND TRIBAL ENGINEERING CONTROL / INSTITUTIONAL CONTROL REGISTRIES</b>			
<b>Site</b>	<b>Distance / Direction / Gradient*</b>	<b>ID No.</b>	<b>Regulatory Status</b>
Gasoline Station Former 1300 North Shore Road Revere, MA	0.168 miles / North- northwest / Crossgradient	3-0003487	Notification Date: 04/02/1999 & 05/06/2010 Contaminants: Gasoline Media Impacted: Not reported Status: Class A-3 RAO Activity and Use Limitation Date of Closure: NA
North Lot Ocean Ave and Revere Street Revere, MA	0.490 miles / North-northeast / Crossgradient	3-0031608	Notification Date: 01/07/2014 Contaminants: PAHs Media Impacted: Not reported Status: Class B-2 RAO. Activity and Use Limitation Date of Closure: 10/24/2014

\* Presumed hydrogeologic gradient based upon regional topography

Based upon the current regulatory status and distance/presumed hydrogeologic gradient relative to the Subject Property, it is considered unlikely that conditions associated with the identified site sites represent an environmental concern to the Subject Property.

State and Tribal Voluntary Cleanup Sites

Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on state or tribal Voluntary Cleanup Site databases.

State and Tribal Brownfield Sites

Neither the Subject Property nor any sites located within 0.5 mile of the Subject Property were identified on state or tribal Brownfield Sites databases.

MADEP Release

The Subject Property was identified on the MADEP Release database. The MADEP Release database contains information on all releases of oil and hazardous materials that have been reported to the MADEP. Information regarding the Subject Property is presented in the following table:



<b>MADEP RELEASE SITE</b>			
<b>Site</b>	<b>Distance / Direction / Gradient*</b>	<b>EPA ID No.</b>	<b>Regulatory Status</b>
MBTA Wonderland Station Ocean Avenue Revere, MA	400-feet / North / Crossgradient	3-0021276	Notification Date: 11/29/01 Contaminants: PAHs Media Impacted: Soil Status: Class A-2 RAO Date of Closure: 08/12/08
MBTA Wonderland Station Ocean Avenue Revere, MA	180-feet / North- northwest / Crossgradient	3-0017001	Notification Date: 07/03/1998 Contaminants: Diesel Fuel Media Impacted: Soil Status: Class A-1 RAO Date of Closure: 08/07/1998

The Release database contains information on all releases of oil and hazardous materials that have been report the MADEP. The Release listings are associated with RTNs 3-0021276 and 3-0017001, which are summarized in Section 4.1.2 SHWS, and pertain to offsite releases.

**Enforcement**

The Subject Property was identified as an site where MADEP has instituted an enforcement action. Information regarding the Subject Property is presented in the following table:

<b>MADEP RELEASE SITE</b>			
<b>Site</b>	<b>Distance / Direction / Gradient*</b>	<b>EPA ID No.</b>	<b>Regulatory Status</b>
MBTA Wonderland Station Ocean Avenue Revere, MA	400-feet / North / Crossgradient	3-0021276	Notification Date: 10/18/2007

The MADEP Enforcement action is associated with RTN 3-0021276, which is summarized in Section 4.1.2 SHWS, and pertains to an offsite release.

**Recorded Government Archive (RGA) Hazardous Waste Facilities**

The EDR Recorded 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. The RGA Hazardous Waste databases are compiled from records formerly available from the Department of Environmental Protection in Massachusetts. Information regarding the Subject Property is presented in the following table:

<b>RGA HAZARDOUS WASTE</b>			
<b>Site</b>	<b>Distance / Direction / Gradient*</b>	<b>EPA ID No.</b>	<b>Regulatory Status</b>
MBTA Wonderland Station Ocean Avenue Revere, MA	180-feet / North- northwest / Crossgradient	3-0017001	2002-2012

The RGA HWS listing is associated with RTN 3-0017001, which is summarized in Section 4.1.2 SHWS, and pertains to an offsite release.

#### 4.1.3 Local Regulatory Agency Records

Local municipal offices consulted during the completion of this assessment included the following:

##### City of Revere Community Development Department

EBI reviewed available files regarding the Subject Property at the City of Revere Community Department for information regarding past uses of the Subject Property. EBI obtained a copy of proposed redevelopment plans for the Subject Property.

##### City of Revere Engineering Department

EBI requested available site plans for the Subject Property at the City of Revere Engineering Department. As of the date of this report, EBI's request for relevant site plans is pending.

##### City of Revere Health Department

EBI requested records of available files regarding the Subject Property at the City of Revere Health Department. Records were not on file for the Subject Property.

##### City of Revere Building Department

EBI reviewed records of available files regarding the Subject Property at the City of Revere Building Department. A letter from the Lixi Group to the building department regarding proposed redevelopment was identified.

##### City of Revere Fire Department

EBI reviewed available files regarding the Subject Property at the City of Revere Fire Department, Fire Prevention Division. Fire Department files did not include records of existing or former ASTs or USTs at the Subject Property.

#### 4.1.4 Vapor Migration

EBI conducted a vapor migration screening survey of the Subject Property. EBI's site observations and review of the environmental database report (cited in Section 4.1) did not identify any conditions on the Subject Property or on adjoining properties that would indicate a REC relative to vapor migration at the Subject Property.

This vapor migration screening was conducted in accordance with ASTM E1527-13 and is not intended to satisfy the requirements of ASTM E2600-15. The scope of this screening was limited to visual observations and review of the environmental database report and did not include the collection and laboratory analysis of air samples to confirm or refute the presence of airborne contaminants by vapor intrusion.

## 4.2 PHYSICAL SETTING

### 4.2.1 Topography

The Subject Property is located at an elevation of approximately 9 feet above mean sea level (msl). The topography of the Subject Property is relatively flat and slopes gently to the east. The Subject Property is located in a relatively flat area, and the general slope of the surrounding region is to the east (see

Figure 2 - Locus Map, which depicts the location of the Subject Property on the Lynn, MA 1986 and Boston North, MA 1986 USGS 7.5 Minute Topographic Quadrangle).

#### 4.2.2 Geology and Soils

No bedrock outcroppings were observed at the Subject Property. Information concerning the geology of the Subject Property was obtained from the USGS Map of the Physical Divisions of the United States (1946). The Subject Property is located within the Seaboard Lowland section of the New England physiographic province, which consists of peneplains less than 500 feet above sea level, which have been post-maturely eroded and glaciated.

According to the Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS) website (<http://websoilsurvey.nrcs.usda.gov/app/>), the dominant soil composition in the vicinity of the Subject Property is classified as Urban Land –wet substratum. Near-surface geology in heavily developed areas such as the Subject Property and vicinity is considered “urban land” and is characterized by a non-homogeneous distribution of soil and fill types. Excavation and backfilling for building foundations, utility conduits, subway systems and other construction results in a varied subsurface profile. In this setting, estimation of local subsurface parameters such as permeability, moisture content, and organic fraction is not feasible without site-specific testing data.

#### 4.2.3 Hydrogeology and Hydrology

No natural surface water bodies were identified on or adjacent to the Subject Property. The nearest downgradient surface water body is the Atlantic Ocean, located approximately 230 feet east of the Subject Property.

Local groundwater gradient is expected to follow surface topography; therefore, groundwater flow near the Subject Property is expected to flow to the east. Groundwater depths and flow gradients are best evaluated by a subsurface investigation involving the installation of at least three groundwater monitoring wells and precise measurements of hydrostatic pressure. An apparent monitoring well was observed on southern portion of the Subject Property. A 2010 Phase II ESA discussed in Section 4.3.8 included evaluation of groundwater flow direction. According to the results of the relative groundwater elevation survey, “Groundwater flow across the Project Area is northwesterly. However, localized flow at Parcel H appears to be northeasterly.”

### 4.3 HISTORICAL USE OF THE SUBJECT PROPERTY AND ADJOINING PROPERTIES

EBI attempted to determine the history of the Subject Property dating back to 1940 or first developed use. The following table summarizes the historical use of the Subject Property and surrounding area.

<b>HISTORICAL USE SUMMARY</b>			
<b>Period</b>	<b>Historical Uses</b>		<b>Source(s)</b>
	<b>Subject Property</b>	<b>Surrounding Area</b>	
<b>At least 1891-1906</b>	Residential dwellings	Primarily residential development with railroad tracks to the west	Fire Insurance Maps Topographic Maps
<b>1906-1938</b>	Residential dwellings and Casino Skating Rink	Primarily residential development with railroad tracks to the west	Aerial Photographs Fire Insurance Maps Topographic Maps Personal Interviews

<b>HISTORICAL USE SUMMARY</b>			
<b>Period</b>	<b>Historical Uses</b>		<b>Source(s)</b>
	<b>Subject Property</b>	<b>Surrounding Area</b>	
<b>1938-1954</b>	Residential dwellings and "Shelter." Northern portion of site described as, "Storage of Street Cars."	Primarily residential development with railroad tracks to the west	Aerial Photographs Fire Insurance Maps Topographic Maps Personal Interviews
<b>1954-1965</b>	Residential dwellings and "Shelter." Northern portion of site described as, "MBTA Bus Yard."	Primarily residential development with railroad tracks to the west	Aerial Photographs Fire Insurance Maps Topographic Maps Personal Interviews
<b>1965 to Present</b>	MBTA parking lot	Primarily residential development with railroad tracks to the west	Aerial Photographs Fire Insurance Maps Topographic Maps City Directories Personal Interviews

No environmentally significant conditions were identified on the Subject Property or surrounding properties during the historical review.

#### 4.3.1 Aerial Photographs

Historical aerial photographs may be used to evaluate changes in land use and to identify visible areas of potential environmental concern. A search for historical aerial photographs depicting the Subject Property and vicinity was conducted by Environmental Data Resources, Inc. (EDR). Aerial photographs depicting the Subject Property were reviewed and are summarized in the following table. Copies of the aerial photographs are presented in Appendix F.

<b>AERIAL PHOTOGRAPH SUMMARY</b>		
<b>Year</b>	<b>Issues Noted</b>	<b>Observations</b>
1938, 1946, 1952	No	<b>Subject Property:</b> The Subject Property is occupied by small structures along the southern and eastern portions of the site.
		<b>Surrounding Area:</b> Surrounding properties to the north, east, and south are developed with residential and commercial structures. Railroad tracks are depicted to the west.
1957	No	<b>Subject Property:</b> Conditions on the Subject Property appear to be similar to those depicted on the 1952 photograph.
		<b>Surrounding Area:</b> Conditions on the surrounding properties appear to be similar to those depicted on the 1939 photograph. Additionally, the Wonderland T Station is depicted to the west and a parking lot is present on the northern adjacent parcel.
1962, 1969, 1970, 1978, 1980	No	<b>Subject Property:</b> The Subject Property is developed with a parking lot. No structures are visible on the aerial photograph.
		<b>Surrounding Area:</b> Conditions on the surrounding properties appear to be similar to those depicted on the 1957 photograph
1986	No	<b>Subject Property:</b> Conditions on the Subject Property appear to be similar to those depicted on the 1980 photograph.
		<b>Surrounding Area:</b> Conditions on the surrounding properties appear to be similar to those depicted on the 1980 photograph. The southern adjacent property is being developed into the present day Water's Edge apartment complex.
1995, 2008, 2010, 2012	No	<b>Subject Property:</b> Conditions on the Subject Property appear to be similar to those depicted on the 1980 photograph.
		<b>Surrounding Properties:</b> Conditions on the surrounding properties appear to be

AERIAL PHOTOGRAPH SUMMARY		
Year	Issues Noted	Observations
		similar to those depicted on the 1986 photograph. The southern adjacent property is developed with the present day Water's Edge apartment complex.

#### 4.3.2 Fire Insurance Maps

A search for historical fire insurance maps depicting the Subject Property and vicinity was conducted by EDR. Historical fire insurance maps depicting the Subject Property were reviewed and are summarized in the following table. Copies of the fire insurance maps are presented in Appendix F.

FIRE INSURANCE MAP SUMMARY		
Year	Issues Noted	Observations
1891, 1896	No	<b>Subject Property:</b> The Subject Property is occupied by four residential dwellings
		<b>Surrounding Properties:</b> Features depicted on surrounding properties include residential dwellings to the east and south.
1900	No	<b>Subject Property:</b> Conditions on the Subject Property are similar to those as depicted on the 1896 map.
		<b>Surrounding Properties:</b> Features depicted on surrounding properties include residential dwellings to the south and a dressing/ locker room building associated with Revere Beach to the east. Railroad tracks are depicted to the west.
1906	No	<b>Subject Property:</b> Three residential dwellings are depicted on the southern portion of the Subject Property. Casino Skating Rink is depicted along the eastern portion of the Subject Property.
		<b>Surrounding Properties:</b> Conditions on the surrounding properties are similar to those as depicted on the 1900 map, with the addition of an apparent rail road station to the west.
1951	No	<b>Subject Property:</b> Three residential dwellings are depicted on the southern portion of the Subject Property. Casino Skating Rink is no longer depicted. The site use is described as "Storage of Street Cars."
		<b>Surrounding Properties:</b> Conditions on the surrounding properties are similar to those as depicted on the 1906 map. A roller coaster and carousel are depicted to the southeast.
1954	Yes	<b>Subject Property:</b> Three residential dwellings are depicted on the southern portion of the Subject Property. The site use is described as "MTA Bus Yard."
		<b>Surrounding Properties:</b> Conditions on the surrounding properties are similar to those as depicted on the 1951 map.
1965	No	<b>Subject Property:</b> The residential dwellings are no longer depicted on the southern portion of the Subject Property. The site use is described as "Parking."
		<b>Surrounding Properties:</b> Conditions on the surrounding properties are similar to those as depicted on the 1954 map.
1965	No	<b>Subject Property:</b> Conditions on the Subject Property are similar to those as depicted on the 1965 map.
		<b>Surrounding Properties:</b> No notable structure are depicted on the surrounding properties.

#### 4.3.3 Topographic Maps

Historical topographic maps provide information related to physical land configuration such as elevation, ground slope, surface water and other features. While most buildings in densely developed urban centers are not depicted, topographic maps typically show structures equal to or larger than the size of

a single-family residence in rural areas. Other notable features such as woods, pipelines, municipal boundaries, and areas of filled land are often marked on topographic maps.

A search for historical topographic maps depicting the Subject Property and vicinity was conducted by EDR. Historical topographic maps depicting the Subject Property were reviewed and are summarized in the following table. Copies of the topographic maps are presented in Appendix F.

TOPOGRAPHIC MAP SUMMARY		
Year	Issues Noted	Observations
1892, 1893	No	<b>Subject Property:</b> No structures or other notable features are depicted on the Subject Property.
		<b>Surrounding Properties:</b> Railroad tracks are depicted to the west and east.
1903	No	<b>Subject Property:</b> No structures or other notable features are depicted on the Subject Property.
		<b>Surrounding Properties:</b> Railroad tracks are depicted to the west.
1943, 1944, 1946, 1947, 1949	No	<b>Subject Property:</b> Several small structures are depicted on the Subject Property.
		<b>Surrounding Properties:</b> Structures are depicted to the north, west and south.
1956	No	<b>Subject Property:</b> The Subject Property is shaded to represent urban development.
		<b>Surrounding Properties:</b> The surrounding area are shaded to represent urban development.
1970, 1971, 1985, 1997, 2012	No	<b>Subject Property:</b> The Subject Property appears to be vacant land.
		<b>Surrounding Properties:</b> The Wonderland MBTA station is depicted to the west.

#### 4.3.4 Street Directories

Street directories are commercial publications containing names and addresses, and in many cases, occupations of the occupants of a particular community. The directories may also contain information pertaining to business processes conducted within a community. A search for historical street directories was conducted by Environmental Data Resources, Inc. (EDR). Historical street directories were reviewed and are summarized in the following table. Copies of the street directories are presented in Appendix F.

STREET DIRECTORY SUMMARY		
Year	Issues Noted	Occupants
1972, 1975, 1984, 1988, 1992, 1995, 1999, 2003, 2008, 2013	No	400 Ocean Avenue is not listed on the research source.

#### 4.3.5 Recorded Land Title Records

Land title records provide information on previous ownership of a property. Typically, deeds signifying transfer of a land parcel are recorded in county files and can be researched to determine the identity of past owners. A “chain of title” is a continuous record of ownership for a specific parcel. A 50-year chain of title search was not included in the scope of work for this assessment.

#### 4.3.6 Property Tax Records

The property card for the Subject Property was obtained at the City of Revere Assessor's Office. The property card identifies the current owner as Mass Bay Trans Authority (MBTA), which acquired the Subject Property in 1900. A listing of the former Subject Property owners was not available for review. Copies of the property tax records are presented in Appendix F.

#### 4.3.7 Environmental Liens and Activity and Use Limitations

A search for Environmental Liens and Activity and Use Limitations was not included in the scope of this assessment.

#### 4.3.8 Previous Environmental Reports

EBI was provided with the following previous environmental report performed for the northern portion of Parcel H. Relevant information from the previous report is discussed in the appropriate sections of this report, and portions of the previous report is presented in Appendix H.

#### **Phase II Environmental Site Assessment, Parcel H, City of Revere, MA, prepared by Weston & Sampson of Peabody, Massachusetts, dated August 2010**

The Weston & Sampson, on behalf of the City of Revere, performed a Phase II Environmental Site Assessment ("ESA") on a parcel of land known as Parcel H, located along Ocean Avenue in Revere, Massachusetts. The purpose of the Phase II ESA was to evaluate the Recognized Environmental Conditions ("RECs") identified during the Phase I ESA completed by Weston & Sampson in June 2009, and to determine if soil and/or groundwater have been impacted by past releases of oil and hazardous materials ("OHM"). The following information was presented in the Weston & Sampson Report:

The field investigation program included the advancement of nine soil borings, three of which were completed as groundwater monitoring wells; sampling and analysis of soil and groundwater; a groundwater elevation survey; and, data evaluation to determine if there are any reportable conditions at the Site in accordance with the Massachusetts Contingency Plan ("MCP"), 310 CMR 40.0000. The investigation was performed to assess the following RECs identified in Weston & Sampson's June 2009 Phase I ESA:

- **REC 1** - Historic Fill Material: Parcel H is underlain by varying depths of uncharacterized historic fill material. The thickness and nature of the fill is unknown, and therefore considered a REC. Because excavation and possible off-Site disposal of soil is being proposed as part of the Site redevelopment, the objective of the Phase II ESA with regard to REC 1 was to evaluate the nature and extent of the historic fill material for the purposes of proper soil management and possible MCP reporting.
- **REC 2** - Historic Site Use Evaluation Program: According to information provided by the City, Parcel H was once used as a rail car turnaround. Consequently, the potential exists for the presence of contaminants in soil associated with rail car operations such as polychlorinated biphenyls (PCBs) and heavier lubricating oils. These contaminants are included as part of the waste disposal characterization analyses performed for REC 1; therefore, no additional analyses specific to REC 2 were required.

### **Soil Sampling & Analysis**

- Soil samples were collected for disposal characterization at selected intervals based on the presence of fill material or evidence of contamination. If no evidence of contamination was observed, the sample was collected from immediately above the groundwater table. The samples submitted for laboratory analyses consisted of 13 grab samples and one duplicate from 0 to 5 feet.
- The disposal parameters analyzed included the following: volatile organic compounds ("VOCs") by EPA Method 8260B; semi-volatile organic compounds ("SVOCs") by EPA Method 8270; total petroleum hydrocarbons ("TPH") by EPA Method 8015M/8015B/8100; RCRA-8 total metals by EPA Methods 6010B/7471A; PCBs by EPA Method 8082; reactive cyanide and sulfide; ignitability; corrosivity; and, conductivity. In addition, samples from WSE-1 (0 to 5 feet), WSE-2 (2 to 4 feet) and SB-8 (2 to 4 feet) were analyzed for extractable petroleum hydrocarbon ("EPH") parameters with target polycyclic aromatic hydrocarbons ("PAHs") by DEP Method 04-1.1.
- All contaminant concentrations in soil were below the applicable RCS-1 criteria except those shown in the table below.

Sample	Depth, ft	Contaminant	Concentration, mg/kg	RCS-1 Criteria, mg/kg
WSE-2	2 to 4	Lead	320	300
SB-5	1 to 3		400	
SB-6/dup	3 to 5		310/340	
SB-9	1 to 3	Benzo(a)pyrene	5	2
		Dibenzo(a,h)anthracene	1.8	0.7

mg/kg = milligrams per kilogram

- The lead, benzo(a)pyrene, and dibenzo(a,h)anthracene concentrations were also compared to the published DEP background concentrations for PAHs and metals in urban fill containing coal or wood ash (DEP, May 2002). All lead concentrations were below the urban fill background concentration of 600 mg/kg. Benzo(a)pyrene was also detected at a concentration below the urban fill background concentration of 7.0 mg/kg. The dibenzo(a,h)anthracene concentration of 1.8 mg/kg detected in SB-9 (1 to 3 feet) exceeded the urban fill background concentration of 1.0 mg/kg. In the absence of other potential contaminant sources, these analytical results indicate that the presence of PAHs and lead in soil at Parcel H is likely attributed to historic fill.

### **Groundwater Sampling & Analysis**

- On December 16, 2009, Weston & Sampson collected groundwater samples from each of the monitoring wells using low-flow sampling techniques. Groundwater samples were collected and submitted for analyses of VPH/EPH parameters with target VOCs and PAHs, and dissolved RCRA metals.
- All groundwater concentrations were below laboratory reporting limits ("RLs") except for arsenic in all three wells and selenium in wells WSE-1 and WSE-2. All detected concentrations were below the RCGW-2 criteria.



### **Groundwater Elevation Survey**

- The depth-to-groundwater was gauged in all groundwater monitoring wells to provide a synoptic round of elevation, which was then used to develop a groundwater contour map and evaluate groundwater flow direction across the Project Area. Groundwater flow across the Project Area is northwesterly. However, localized flow at Parcel H appears to be northeasterly.

### **Summary & Conclusions**

Weston & Sampson concluded that the results of the investigation indicate that a Release Notification Form ("RNF") will need to be submitted to DEP as outlined at 310 CMR 40.371 of the MCP. The source of contamination is attributed to the presence of urban fill containing coal and wood ash, which was observed at the Site. Based on a comparison of Site concentrations to the DEP's urban fill background soil concentrations and to the MCP Method I cleanup standards, which apply following notification, it was Weston & Sampson's opinion that Parcel H could achieve regulatory closure with a Class B-I RAO. Otherwise, a Phase I/Tier Classification submittal to the DEP would be required, and future construction activities at the Site would be performed under a RAM Plan. Confirmatory soil samples will be collected following the RAM response actions to evaluate whether a condition of NSR exists for current and future Site uses. If a condition of NSR exists, the Site may achieve regulatory site closure with or without an AUL under a Class A RAO.

EBI notes that we disagree with the regulatory opinion presented by Weston & Sampson. Based on the description presented in the Weston & Sampson report, the compounds detected at concentrations above RCs appear to be derived from coal ash, and would therefore be exempt from reporting under the MCP in accordance with 310 CMR 40.0317(9) and would not require release notification.

#### **4.3.9 Other Historical Records and Interviews**

Mr. Gene McKenna and Paul Rupp were interviewed to obtain information regarding the history of the Subject Property. According to Mr. McKenna and Mr. Rupp, Subject Property has reportedly operated as a parking lot since the 1960s. The MBTA is the current owner, however, the City of Revere manages the parking lot.

## **5.0 SUBJECT PROPERTY RECONNAISSANCE**

The Subject Property reconnaissance was conducted by Mr. Daniel Bellucci, EBI Field Assessor, on April 12, 2017. Mr. Bellucci was accompanied by and interviewed Mr. Gene McKenna, Paul Rupp and Budge Upton.

### **5.1 METHODOLOGY AND LIMITING CONDITIONS**

The Subject Property reconnaissance consisted of visual and/or physical observations of the Subject Property and improvements, adjoining properties as viewed from the Subject Property boundaries, and the surrounding area based on visual observations made from adjacent public thoroughfares. Building exteriors were observed along the perimeter from the ground, unless described otherwise. Building interiors were observed as they were made safely accessible, unless described otherwise.

At the time of the survey, the weather was overcast and approximately 50° Fahrenheit. There were no significant portions of the Subject Property that were inaccessible or excluded from this survey.

### **5.2 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS**

#### **5.2.1 Hazardous Substances and Petroleum Products (Identified Uses)**

Notable hazardous substances or petroleum products were not identified at the Subject Property.

#### **5.2.2 Hazardous Substances and Petroleum Products (Unidentified Uses)**

EBI did not observe evidence of hazardous substance or petroleum products containers at the Subject Property that were not in connection with identified uses.

#### **5.2.3 Unidentified Substances Containers**

EBI did not observe evidence of unidentified substances containers at the Subject Property.

### **5.3 WASTE GENERATION, STORAGE, AND DISPOSAL**

EBI did not identify significant waste streams generated at the Subject Property.

### **5.4 UNDERGROUND STORAGE TANKS (USTS) & ABOVEGROUND STORAGE TANKS (ASTs)**

#### **5.4.1 Existing Storage Tanks**

Based upon site reconnaissance, interviews, and a review of state and local records, EBI identified no evidence of existing USTs or ASTs located at the Subject Property.

#### **5.4.2 Former Storage Tanks**

Based upon site reconnaissance, interviews, and a review of state and local records, EBI identified no evidence of former USTs or ASTs located at the Subject Property.

## 5.5 OIL-CONTAINING EQUIPMENT AND POLYCHLORINATED BIPHENYLS (PCBs)

Polychlorinated biphenyls (PCBs) are a chemical component of many dielectric fluids, heat transfer fluids, hydraulic fluids, lubricating oils, paints, or coatings manufactured prior to July 2, 1979. Equipment that may potentially contain PCBs includes electrical equipment such as transformers or capacitors or hydraulically operated equipment, such as elevators, compaction equipment, or manufacturing equipment. The manufacture and distribution in commerce of PCBs was banned for use in 1979 by the United States Congress, which enacted the Toxic Substance and Control Act (TSCA). In accordance with *US Code of Federal Regulations Title 40 - Protection of Environment, Chapter 1 - Environmental Protection Agency, Subchapter R - Toxic Substance Control Act (TSCA), Part 761 - Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions*, the owner of a transformer or other PCB-containing equipment is responsible for equipment maintenance and remediation in the event of a leak or release.

The following oil-containing equipment was identified at the Subject Property:

OIL-CONTAINING EQUIPMENT			
Classification	Type of Equipment	Year Installed / Location	Staining / Releases Identified
<b>Transformers and Fluid-Containing Electrical Equipment</b>	(1) Pad-mounted Electrical Transformer	Unknwon / Southwestern portion of the Subject Property.	No
<b>Hydraulic Equipment</b>	None identified	NA	NA
<b>Other Oil-containing Equipment</b>	None identified	NA	NA

EBI observed one pad-mounted electrical transformer at the Subject Property. The pad-mounted transformer was located on the southwester portion of the Subject Property, within a chain linked fence. The transformer appeared to be in good condition, and no staining or other evidence of a release of dielectric fluid was observed in the vicinity of the transformer units.

## 5.6 ADDITIONAL SITE CONDITIONS

The following is a summary of visual and/or physical observations of the Subject Property on the day of the site visit. Photographs of pertinent Subject Property features are presented in Appendix A.

ADDITIONAL SITE CONDITIONS	
Condition	Identified
Interior Drains, Trenches, or Sumps	No
Interior Stains or Corrosion	No
Unusual Odors	No
Interior Pools of Liquid	No
Stained Soil or Pavement	No
Stressed Vegetation	No
Indications of Solid Waste Disposal	No
Exterior Pits, Ponds, or Lagoons	No
Wastewater or Stormwater Discharge/Disposal	Yes
Oil-Water Separators or Clarifiers	No
Septic Systems or Cesspools	No
Wells (Drinking Water Wells, Monitoring Wells, Agricultural/Irrigation Wells, or Process Water Wells)	Yes

<b>ADDITIONAL SITE CONDITIONS</b>	
<b>Condition</b>	<b>Identified</b>
Petroleum or Natural Gas Pipelines/Easements	No

Stormwater runoff from the asphalt-paved parking lot discharges to catch basins. The catch basins are associated with the municipal stormwater sewerage system, operated by the Massachusetts Water Resource Authority (MWRA).

A flush mounted road box over an apparent monitoring well was observed on southern portion of the Subject Property.

## 6.0 INTERVIEWS

The site contact or Key Site Manager was contacted to be interviewed to obtain information regarding recognized environmental conditions in connection with the property. Additionally, a Pre-Survey Questionnaire was forwarded to the designated Subject Property contact. The Pre-Survey Questionnaire has been completed and returned to our offices. The information requested in the Pre-Survey Questionnaire is intended to assist in gathering information that may be material to identifying recognized environmental conditions in connection with the Subject Property. The Pre-Survey Questionnaire and any accompanying documentation is presented in Appendix C.

<b>KEY SITE MANAGER INTERVIEW</b>			
<b>Contact / Affiliation</b>	<b>Date of Communication</b>	<b>Years Associated with Subject Property</b>	<b>Telephone No.</b>
Mr. Gene McKenna City of Revere	04/12/17	5	(617) 771-5892
	04/20/17		
	04/24/17		

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

<b>ADDITIONAL INTERVIEWS</b>			
<b>Contact / Affiliation</b>	<b>Date of Communication</b>	<b>Years Associated with Subject Property</b>	<b>Telephone No.</b>
Mr. Budge Upton Upton & Partners	04/12/17	NA	(781) 326-9997
Mr. Paul Rupp Community Reinvestment Associates	04/12/17	NA	(781) 599-0688
Mr. Frank Stringi City Planner City of Revere Community Development	04/12/17	NA	(781) 286-8181
Ms. Erin Leary City of Revere Fire Department	04/18/17	NA	(781) 286-8366

Pertinent information from the interviews is presented in applicable sections of this report.

## **7.0 CONSIDERATIONS OUTSIDE THE SCOPE OF ASTM PRACTICE E 1527-13**

The following sections address environmental issues or considerations at the Subject Property that parties may wish to assess in connection with commercial real estate that are outside the scope of ASTM Practice E 1527-13 (non-scope considerations).

### **7.1 ASBESTOS-CONTAINING MATERIAL (ACM)**

Asbestos is a term used to describe a group of six naturally occurring crystalline fiber minerals. Asbestos has excellent thermal stability, a high degree of tensile strength, and has been used extensively in the textile, insulation, and building industries, particularly as a component in fireproofing, decorative coatings, insulation materials, and as reinforcement for plaster binders in building products. Asbestos-containing building materials are generally classified as friable or non-friable. Friable materials are those that can be crumbled, pulverized, or reduced to powder by hand pressure, or by normal use or maintenance can be expected to emit asbestos fibers into the air. Non-friable ACM is a potential concern if it is damaged by maintenance work, demolition, or other activities, at which time it may be considered friable.

No significant structures are present at the Subject Property, and therefore an asbestos assessment was not conducted.

Due to the continued distribution of a wide variety of asbestos-containing building materials, asbestos may be present in some of the roofing, flooring, wall and ceiling materials, caulking/putties, adhesives, spackling compounds, and insulation materials, as well as other building materials that may be used at the Subject Property. Sampling many of these materials requires techniques that may be destructive to subject facilities, and in the case of roofing material, may void warranties. It is recommended that an asbestos inspection be performed in accordance with all applicable federal, state, and local regulatory requirements prior to renovation, demolition, or other activities that could cause a material disturbance. Any removal or disturbance of ACM or suspect ACM should be performed by properly trained personnel and in compliance with federal, state, and local regulations.

### **7.2 RADON**

Radon is a naturally-occurring, colorless and odorless radioactive gas that is generated primarily in granitic rocks. The United States Surgeon General has published information that radon is a cause of lung cancer. Radon usually enters a building through openings in the foundation, and therefore is a potential health concern to residents of the lowest level of a building with inadequate ventilation.

The EPA Map of Radon Zones indicates that Middlesex County is located within a Zone I radon area. Zone I is defined as an area that has a high potential for radon gas, with a predicted average indoor radon screening level greater than 4.0 picoCuries per liter (pCi/L). The EPA recommended Action Level for radon is 4.0 pCi/L.

Based upon the absence of a significant structure, the non-residential nature of the Subject Property and in accordance with the scope of work for this assessment, EBI did not conduct a limited short-term radon screening at the Subject Property.

### **7.3 LEAD-BASED PAINT (LBP)**

Use of lead in household paint was banned by the U.S. Environmental Protection Agency (EPA) effective January 1, 1978. The EPA and the U.S. Department of Housing and Urban Development (HUD)

consider lead-based paint as containing a lead concentration equal to or greater than 1.0 milligram per square centimeter ( $\text{mg}/\text{cm}^2$ ) or 0.5% lead by weight, as defined by Title X of the 1992 Housing and Community Development Act.

Based upon the absence of a significant structure, the non-residential nature of the Subject Property and in accordance with the scope of work of this assessment, a lead-based paint (LBP) survey was not conducted at the Subject Property.

#### **7.4 LEAD IN DRINKING WATER**

Lead has historically been used in pipes, solder, and brass fixtures used in water distribution systems and building plumbing systems. In 1986, EPA banned the use of lead at concentrations exceeding 0.2% lead in solder and 8% lead in other plumbing materials. Lead in drinking water results primarily from corrosion of lead containing materials in service lines or from corrosion of lead containing materials in building plumbing systems such as lead solder, brass, bronze, and other lead containing alloys. The EPA Action Level for lead in public drinking water supplies is 0.015 parts per million (ppm) or 0.015 milligrams per liter (mg/L).

Municipal water service is not provided to the Subject Property.

## 8.0 FINDINGS AND OPINIONS

EBI has performed this Phase I Environmental Site Assessment of the Subject Property in conformance with the scope and limitations of ASTM Standard E 1527-13. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has identified no evidence of *recognized environmental conditions (RECs)* in connection with the Subject Property. However, EBI notes the following conditions associated with urban fill material at the site.

- Parcel H is underlain by varying depths of uncharacterized historic fill material. A Phase II Subsurface investigation conducted in August 2010 by Weston & Sampson indicated a concentration of dibenzo(a,h)anthracene narrowly exceeded the urban fill background concentration in a soil sample. No additional concentrations of PAHs were detected above published urban fill background concentrations. Additionally, PAHs were not detected in groundwater above applicable MCP RCGW-2 standards. Soil and groundwater samples were collected for VOC, EPH, VPH, PCB and metals analysis did not indicate significant impacts to the Subject Property. Based on the results of Weston & Sampson's 2010 and EBI's May 2017 Phase II ESA's, it is EBI's opinion that the concentrations of dibenzo(a,h)anthracene and other PAHs detected in soil in 2010 and lead in 2017 are representative of background conditions commonly encountered in urban fill material containing coal ash, and therefore regulatory reporting under the MCP is not required. The presence of urban fill including concentrations PAHs above Reporting Category RCS-I standards is not considered a Recognized Environmental Condition. However, the presence of urban fill material in soil will require soil management procedures and additional characterization if construction activities will result in excavation of soil for offsite disposal.



## 9.0 RECOMMENDATIONS

Based upon the findings of this investigation, no further action is recommended.

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## 10.0 REFERENCES

### PHASE I ENVIRONMENTAL SITE ASSESSMENT REFERENCES

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ASTM Designation E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

Bedrock Geologic Map of Massachusetts, Zen et al., dated 1983.

Environmental Data Resources, Inc., EDR Historical Topographic Map report; Inquiry Number 4902327.4, dated March 24, 2017.

Environmental Data Resources, Inc., The EDR Radius Report with GeoCheck®; Inquiry Number 04902327.2r, dated April 10, 2017.

Environmental Data Resources, Inc., The EDR Certified Sanborn Map Report; Inquiry Number 4902327.3, dated April 7, 2017.

Environmental Data Resources, Inc., The EDR Aerial Photo Decade Package; Inquiry Number 4902327.5, dated April 7, 2017.

Environmental Data Resources, Inc., EDR City Directory Image report; Inquiry Number 4902327.6, dated April 12, 2017.

**Phase II Environmental Site Assessment**, Parcel H, Revere, Massachusetts, conducted by Weston & Sampson, dated August 2010.

USGS Topographic Map, Lynn, MA 1986 and Boston North, MA 1986 Quadrangle, 24K

Web Soil Survey, NRCS, U.S. Department of Agriculture, April 17, 2017, On-line:  
<http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>

**APPENDIX A**  
**PHOTOGRAPHS**

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1. Parcel H viewed from Ocean Avenue



2. Vehicular parking Parcel H.



3. Existing monitoring well from West & Sampson's 2010 Phase II ESA



4. Pad-mounted transformer, southwestern portion of Subject Property



5. Former transformer pad, southwestern portion of Subject Property



6. Western portion of Subject Property (Former Baker Avenue)





**7.** Wonderland station footbridge to the north.



**10.** Ocean Avenue to the east.



**8.** Wonderland station footbridge to the northeast and Ocean Avenue.



**11.** Wonderland MBTA Station to the west.



**9.** "DCR Lot" to the north (620 Ocean Avenue).



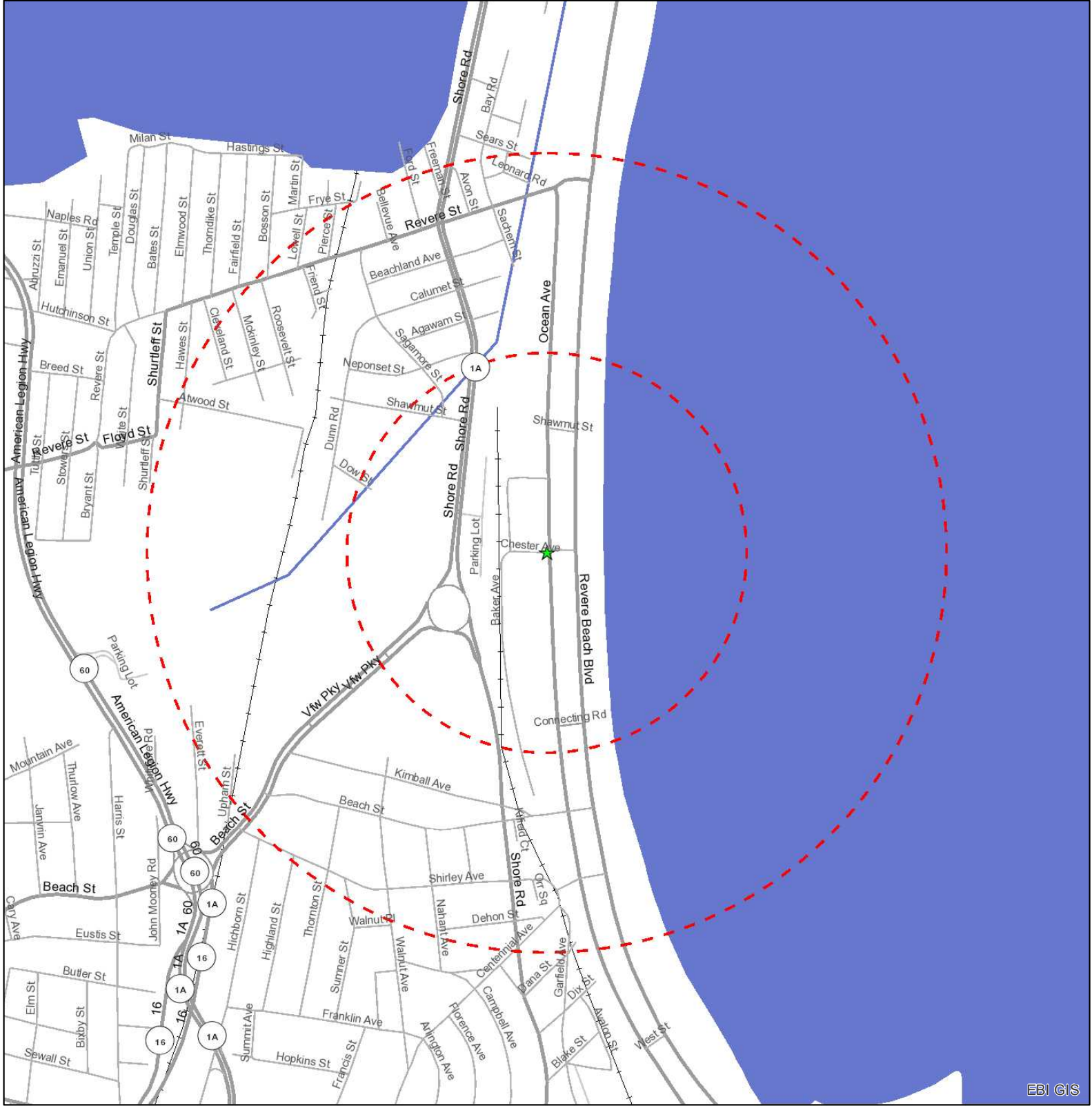
**12.** Water's Edge Luxury Apartment Complex located at 394 Ocean Avenue to the south across Chester Avenue.

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## APPENDIX B

### FIGURES

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EBI GIS

Source: Selected data from ESRI, EBI & USGS

### Legend

- ★ Project Site
- Site Radius at 1/4 and 1/2 mile



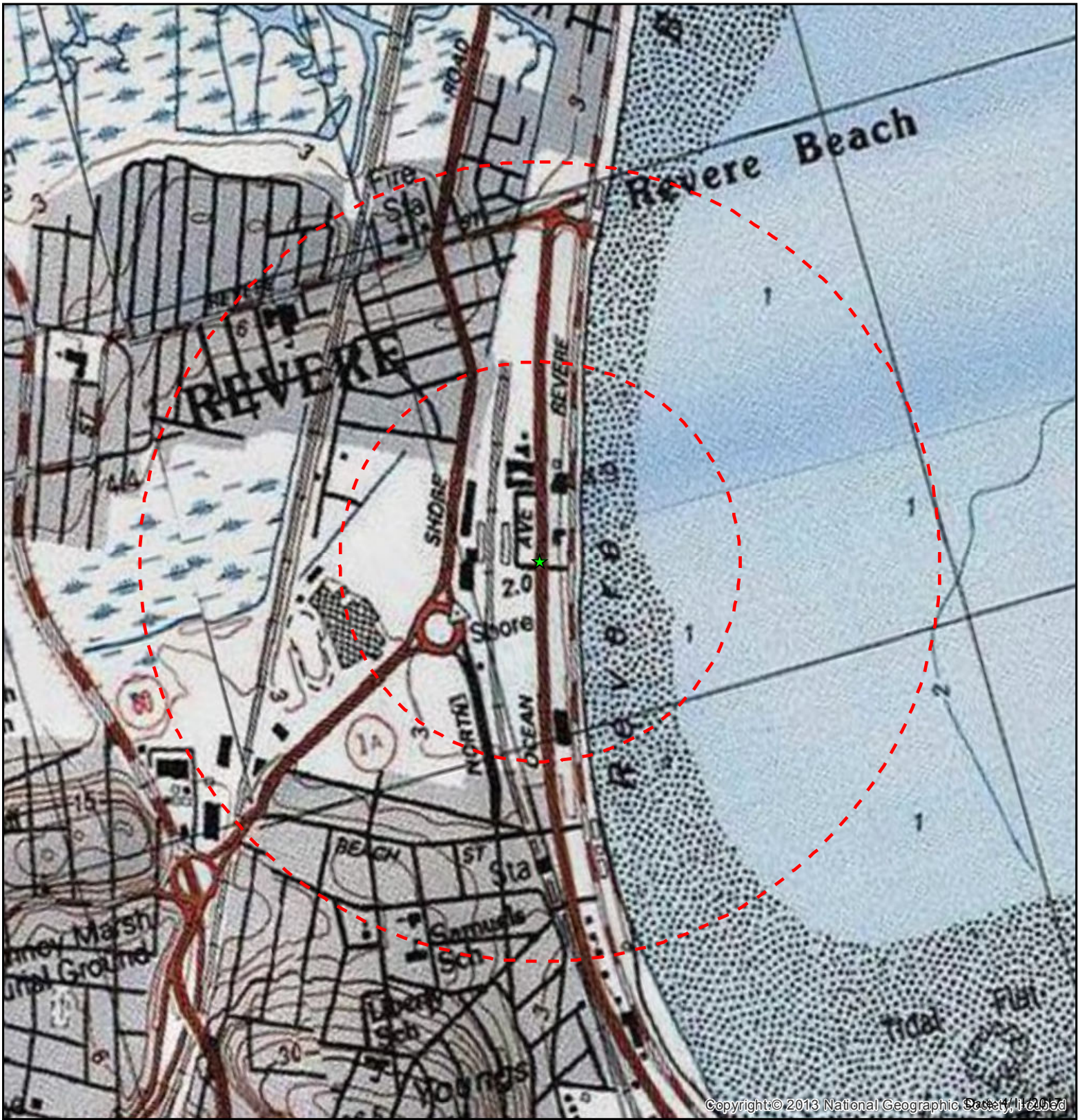
Date: 4/7/2017

**Figure 1: Site Location Map**



**MBTA WONDERLAND STATION PARKING LOT  
400 OCEAN AVENUE  
REVERE, MA 02151**





Legend

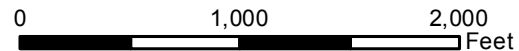
- ★ Selected Project Site
- Site Radius at 1/4 & 1/2 mile

Source: Selected data from USGS and EBI.



USGS 24K Quad: Lynn, MA 1986 & Boston North, MA 1986

Figure 2 - Topographic Map



**MBTA WONDERLAND STATION PARKING LOT**  
**400 OCEAN AVENUE**  
**REVERE, MA 02151**





FIGURE 3 – SITE PLAN



Not to scale

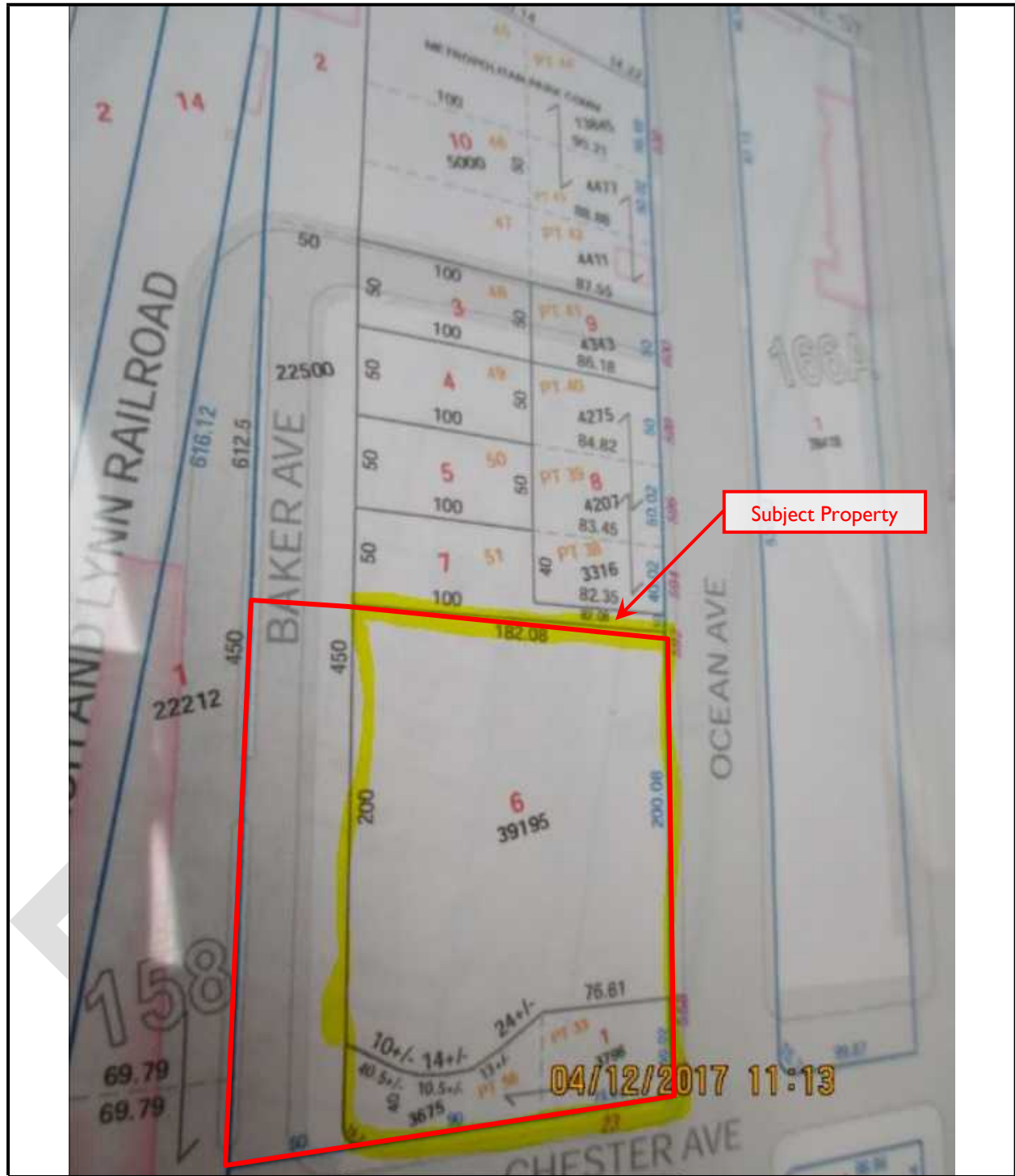


FIGURE 4 – TAX MAP



Not to scale

**APPENDIX C**  
**PRE-SURVEY QUESTIONNAIRE AND OTHER RELEVANT DOCUMENTATION**

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**KIMBERLY HOLLAND**  
**TEL. (717) 428-0401 FAX (781) 425-3623**  
**REResearchGroup@ebiconsulting.com**

1. **Please read these instructions and those on the following page carefully.**
2. **Please assemble this original questionnaire and one copy of pertinent property documents, and forward all information to the site or the site contact for the Engineer and/or Scientist to use during the site visit. This documentation will be included in our report.**
3. **Please fill out this questionnaire to the best of your knowledge and email or fax it back to us within three business days.**
4. **The Scientist will contact you directly to schedule the site visit.**
5. **This information is extremely time sensitive and necessary to provide your lender with accurate and timely report.**

## Environmental Site Assessment Pre-Survey Questionnaire



Please fill out and sign this questionnaire to the best of your knowledge for the Scientist's site visit. Email to [REResearchGroup@ebiconsulting.com](mailto:REResearchGroup@ebiconsulting.com) or fax to (781) 425-3623, for our report files, and keep the original to provide to the Scientist.

**Subject Property Name: MBTA Wonderland Station Parking Lot**

**Project #: 1217000149**

**Address: 400 Ocean Avenue**

**Subject Property Owner: Lixi Group**

**On-Site Property Contact: Walter "Budge" Upton**

**Telephone: (781) 326-9997**

**Fax: (617) 326-9120**

**Email: b.upton@uptonpartners.com**

Walter Upton

**Owner Representative**

DocuSigned by:  
Walter Upton  
4E4909DA2F074F0...

4/17/2017

**Your Name**

**Title**

**Signature**

**Date Signed**

Additional plans and documentation (see page 4) must be forwarded to the site for the Scientist during the survey. For questions not applicable please respond "N/A." Attach additional pages if necessary. This questionnaire and your responses will be included as an exhibit in the Environmental report. Accurate and full completion is critical to a timely completion of our reports, and timely loan closing.

**LOCAL JURISDICTIONAL INFORMATION**

- |  |                       |
|--|-----------------------|
| 1. What is the property ID #, Lot and Block, or Township/Range ID #?                 | 400 Ocean Avenue      |
| 2. What is the legal Municipality or County that has jurisdiction over the property? | Revere, Massachusetts |
| 3. What is the assessors file ID number and tax file ID number if available?         |                       |

**PROPERTY INFORMATION**

- |   |   |
|---|---|
| 1. What is the size of the subject property lot or lots, in acres?  | 1.33 Acres +/-                                    |
| 2. How many buildings comprise the subject property?<br>a. If the property is a mall or large retail center, please confirm and list ownership of each building.  | No buildings                                      |
| 3. What is the gross and net rentable square footage of the building(s)?  | Non-applicable. The lot is a parking lot.         |
| 4. What is the date of construction of the building(s)? When was the building(s) first occupied?  | Non-applicable                                    |
| 5. How many tenant spaces or apartments are at the Subject Property?  | None  |
| 6. Please list, to the best of your knowledge, any structural, water infiltration, mold, roof, plumbing, HVAC, Fire Alarm or electrical deficiencies or problems. | Non-applicable. the lot is used as a parking lot. |
| 7. Please list any deficiencies noted during any Building, Fire or Health Department inspections in the last three years.   | Non-applicable.                                   |

Environmental Site Assessment Pre-Survey Questionnaire

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8. Please list the following utility providers:

Water:	City of Revere	Electricity:	NGrid
Sanitary Sewer:	City of Revere	Storm Drainage:	City of Revere
Trash Hauler:		Natural Gas or Oil:	Gas service in the street
Frequency of Pick-ups:			

9. Please attach a brief history of the property.

**ENVIRONMENTAL SITE ASSESSMENT PRE- SURVEY QUESTIONNAIRE**

- |    |   |   |
|----|---|---|
| 1. | Describe the current uses of the property noting tenant names and oil/chemical usage.   | Parking lot owned by the MBTA, managed by the City of Revere. |
| 2. | Describe the past uses of the property noting tenant names and oil/chemical usage.  | Parking Lot   |
| 3. | Has a previous environmental site assessment report been prepared for the property? If yes, for what reason? Can EBI have a copy?   | Yes   |
| 4. | Has a subsurface investigation (Phase II) ever been conducted on the property, including soil sampling, groundwater sampling, or installation of groundwater monitoring wells? If yes, for what reason? What were the results? Can EBI have a copy of the report? Are there any groundwater monitoring wells currently located on the property? | Yes   |
| 5. | Has contamination been identified at the Subject Property? Describe the nature of the contamination (i.e., source, media impacted, location, sampling, cleanup activities, regulatory status, etc.). Can EBI have copies of related documentation?  | No  |
| 6. | Has a spill or surficial release occurred at the Subject Property? Describe the nature of the spill/surficial release (i.e., source, location, response/cleanup actions, regulatory status, etc.). Can EBI have copies of related documentation?  | No  |
| 7. | Is the Subject Property listed with the USEPA and/or the state environmental regulatory agency as a contaminated site? If yes, please describe. Can EBI have copies of related documentation?   | No  |
| 8. | Has there ever been previous sampling for Asbestos, Lead-Based Paint, Lead in Water, or Radon? If yes, please describe. Can EBI have copies of related documentation?   | I am not sure.  |
| 9. | Has there been any Asbestos or Lead-Based Paint abatement or Radon mitigation conducted at the Subject Property? Are there Asbestos and/or Lead-Based Paint Operations and Maintenance Plans for the  | I am not sure.  |

Environmental Site Assessment Pre-Survey Questionnaire

Subject Property? If yes, please describe.  
 Can EBI have copies of related documentation?

- 10. Any known environmental liens, deed restrictions, or use limitations for the Property? If yes, please describe. Can EBI have copies of related documentation? Not sure.
- 11. Any permitted or regulated activities (Hazardous waste generator, air) on the Property? If yes, please describe. Not sure.
- 12. Are there any transformers or other electrical equipment, which may contain PCBs? If yes, please describe. Where are they? Who owns the transformer(s)? Who services them? Not sure.
- 13. Has an industrial or manufacturing operation, gas station, motor repair facility, commercial printing facility, dry cleaners, photo-developing laboratory, junk yard, landfill or waste, treatment, storage, disposal processing or recycling facility ever been located at or adjacent to the property? If yes, please describe. No
- 14. Are there any discarded drums, barrels or containers, construction debris, damaged or discarded automobile or industrial batteries, or pesticides, paints or other chemicals in individual containers or drums of greater than five gallons or fifty gallons in aggregate located on the property? If yes, please describe. No
- 15. Have there ever been any waste storage or treatment lagoons, pits, ponds, or surface impoundments on the property? If yes, please describe. No
- 16. Does the property have floor drains not discharging to a sewer? Septic System? If yes, please describe. No

17. Are there currently aboveground or underground storage tanks at the property? If yes, complete table.

Type of Tank	Size	Content	Installation Date	Spill/Leak Detection? Y or N
	gal			
	gal			
	gal			
	gal			

18. Are you aware of any information to indicate that the Subject Property was sold for substantially below its fair market value? If so, please provide an explanation: No.



Environmental Site Assessment Pre-Survey Questionnaire

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19. Additional comments and/or pertinent information relevant to this Phase I ESA: No further comment.

**DOCUMENT AND INFORMATION CHECKLIST**

Please provide the following information (as much as possible in electronic format) so the Scientist can proceed with the survey of the property.

A. Plans	B. Municipal Documents	C. Additional Information
<ul style="list-style-type: none"> <li>▪ ALTA Survey or Site Plan</li> <li>▪ Reduced scale Site and Building Plans</li> </ul>	<ul style="list-style-type: none"> <li>▪ Certificate of Occupancy</li> <li>▪ Building Permit</li> <li>▪ Copy of tax cards</li> <li>▪ UST/AST Registrations</li> </ul>	<ul style="list-style-type: none"> <li>▪ Tenant Rent Roll</li> <li>▪ Historical Uses</li> <li>▪ Previous Due Diligence Reports</li> <li>▪ Copy of most Recent Appraisal</li> </ul>

**EBI ACCESS REQUIREMENTS**

At the time of the site visit the Consultant is required to gain access to all areas of the property. This includes:

- All building interiors, including as applicable, common areas, lobbies, a representative sampling of offices, retail spaces, manufacturing or assembly areas, or apartments, community rooms, exercise rooms, pool areas, storage rooms, attics and basements, garages.
- All building perimeters
- All site amenities
- All building roofs, unless pitched asphalt shingles. This may require you to obtain and provide a ladder.
- All mechanical, electric, sprinkler, HVAC, utility, service, elevator, storage and equipment rooms

# Unofficial Property Record Card - Revere, MA

## General Property Data

Parcel ID **9-166&168-6**  
Prior Parcel ID **RC2 --**  
Property Owner **MASS BAY TRANS AUTHORITY**

Account Number **9/166&168/6/**

Property Location **BAKER AVE**  
Property Use **DEPT OF CONS**

Mailing Address **10 PARK PLAZA**

Most Recent Sale Date **1/1/1900**

City **BOSTON**

Legal Reference /  
Grantor **UNKNOWN**

Mailing State **MA** Zip **02116**

Sale Price **0**

ParcelZoning **RC2**

Land Area **0.853 acres**

## Current Property Assessment

Card 1 Value Building Value **0**

Xtra Features Value **35,200**

Land Value **527,600**

Total Value **562,800**

## Building Description

Building Style **N/A**  
# of Living Units **N/A**  
Year Built **N/A**  
Building Grade **N/A**  
Building Condition **N/A**  
Finished Area (SF) **N/A**  
Number Rooms **0**  
# of 3/4 Baths **0**

Foundation Type **N/A**  
Frame Type **N/A**  
Roof Structure **N/A**  
Roof Cover **N/A**  
Siding **N/A**  
Interior Walls **N/A**  
# of Bedrooms **0**  
# of 1/2 Baths **0**

Flooring Type **N/A**  
Basement Floor **N/A**  
Heating Type **N/A**  
Heating Fuel **N/A**  
Air Conditioning **0%**  
# of Bsmt Garages **0**  
# of Full Baths **0**  
# of Other Fixtures **0**

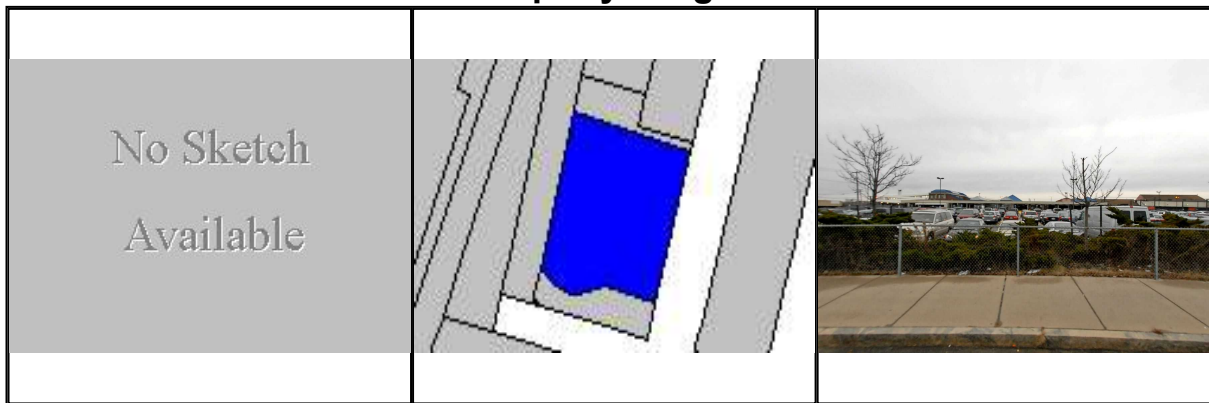
## Legal Description

52 53 54 55 & REAR PT 56 & PT LOTS 34,35 36 & 37 OCEAN AV

## Narrative Description of Property

This property contains 0.853 acres of land mainly classified as DEPT OF CONS with a(n) N/A style building, built about N/A , having N/A exterior and N/A roof cover, with N/A unit(s), 0 room(s), 0 bedroom(s), 0 bath(s), 0 half bath(s).

## Property Images



Disclaimer: This information is believed to be correct but is subject to change and is not warranted.

# Unofficial Property Record Card - Revere, MA

## General Property Data

Parcel ID **9-166&168-1**  
 Prior Parcel ID **RC2 --**  
 Property Owner **COMMONWEALTH OF MASSACHUSETTS**  
 Mailing Address **20 SOMERSET ST**  
 City **BOSTON**  
 Mailing State **MA** Zip **02108**  
 ParcelZoning **RC2**

Account Number **9/166&168/1/**  
 Property Location **OCEAN AVE**  
 Property Use **DEPT OF CONS**  
 Most Recent Sale Date **1/1/1900**  
 Legal Reference **7689/166**  
 Grantor **UNKNOWN**  
 Sale Price **0**  
 Land Area **0.172 acres**

## Current Property Assessment

Card 1 Value Building Value **0**

Xtra Features Value **180,000**

Land Value **123,500**

Total Value **303,500**

## Building Description

Building Style **N/A**  
 # of Living Units **N/A**  
 Year Built **N/A**  
 Building Grade **N/A**  
 Building Condition **N/A**  
 Finished Area (SF) **N/A**  
 Number Rooms **0**  
 # of 3/4 Baths **0**

Foundation Type **N/A**  
 Frame Type **N/A**  
 Roof Structure **N/A**  
 Roof Cover **N/A**  
 Siding **N/A**  
 Interior Walls **N/A**  
 # of Bedrooms **0**  
 # of 1/2 Baths **0**

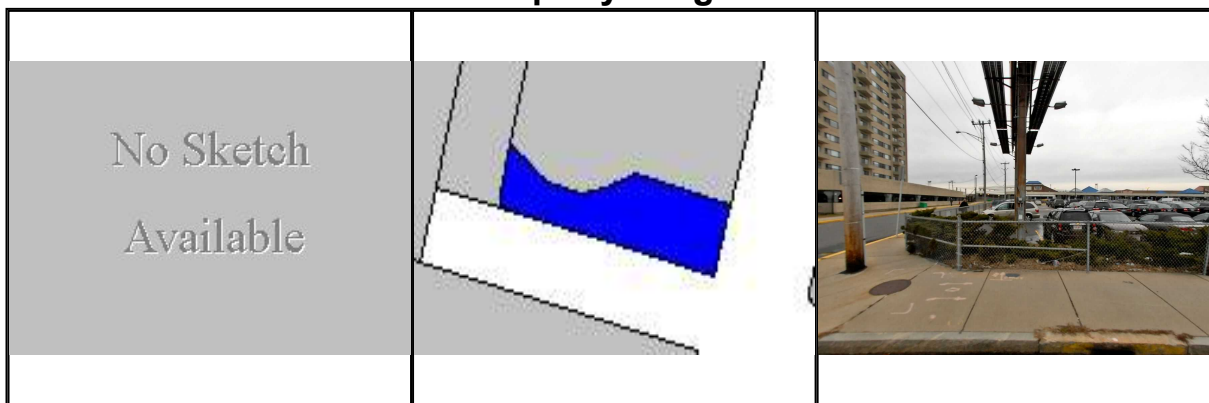
Flooring Type **N/A**  
 Basement Floor **N/A**  
 Heating Type **N/A**  
 Heating Fuel **N/A**  
 Air Conditioning **0%**  
 # of Bsmt Garages **0**  
 # of Full Baths **0**  
 # of Other Fixtures **0**

## Legal Description

## Narrative Description of Property

This property contains 0.172 acres of land mainly classified as DEPT OF CONS with a(n) N/A style building, built about N/A , having N/A exterior and N/A roof cover, with N/A unit(s), 0 room(s), 0 bedroom(s), 0 bath(s), 0 half bath(s).

## Property Images



Disclaimer: This information is believed to be correct but is subject to change and is not warranted.

**APPENDIX D**  
**PROFESSIONAL QUALIFICATIONS**

DRAFT

## **Summary of Experience**

Mr. Bellucci is a staff scientist specializing in Phase I and Phase II Environmental Site Assessments in the commercial real estate, telecommunications and environmental health and safety industries. Mr. Bellucci's experience also includes approximately 4 years of field work and report preparation associated with MassDEP MCP sites, under the guidance of an LSP. Mr. Bellucci has conducted numerous pre-acquisition/due diligence environmental assessments for a wide range of properties throughout the Northeast, Southeast and Midwest. These assessments have been performed to evaluate site conditions, potential off-site liabilities, historic site and vicinity usage, environmental control systems, and site remediation costs in order to advise prospective buyers, lenders, current operators, and owners of potential and existing environmental concerns. Sites inspected include multi-family residential, commercial, retail and industrial properties.

Additionally, Mr. Bellucci has experience in Land Surveying, performing subsurface investigations and creating As-Built drawings.

## **Relevant Project Experience**

**Limited Removal Action, Brookline, Massachusetts:** Provided oversight for several rounds of investigation in order to delineate the extent of dry cleaning solvent impacts to soil and groundwater. Arranged out-of-state soil disposal in conjunction with an MCP Limited Removal Action (LRA) to remediate solvent impacted soils and prepared a Limited Removal Action report.

**Limited Removal Action and Permanent Solution with No Conditions, Hyde Park, Massachusetts:** Organized and executed multiple rounds of subsurface investigations to delineate the extent of impacts related to both onsite dry cleaning operations and a release of fuel oil from a former UST. Under LSP supervision, the delineated solvent impacts to soil were excavated and managed under a LRA. Following execution of the LRA, fuel oil related impacts to soil were further delineated, including the evaluation of a downgradient property. Mr. Bellucci completed a Release Abatement Measure (RAM) Plan and submitted via eDEP for the excavation and management of fuel oil impacted soils. All field work was conducted in accordance with MassDEP protocols as set forth in the MCP.

**PCB Investigation and Excavation, Woburn, Massachusetts:** Field representative assisting the LSP in the execution of PCB in soil delineation activities. Currently in the process of coordinating soil removal with appropriate disposal facilities in conjunction with the redevelopment of the former tannery site. Mr. Bellucci was responsible for drafting a Self Implementing Plan (SIP) which was submitted and approved by the US EPA Region I Office for the proper management of PCB soils. Additionally, Mr. Bellucci drafted the RAM Plan submitted to MassDEP outlining proposed remedial activities. Completed site investigation activities, regulatory report preparation, data compilation and regulatory correspondence/permitting.

**Sub slab Depressurization System Pilot Test, Installation, Startup and O&M:** Completed field work including the installation, sampling, report preparation and quarterly operation and maintenance of five active sub-slab depressurization system to mitigate vapor migration from beneath the sub-slab into the building's interior space. Coordinated equipment and materials ordering, and executed the installation. Managed sub-contractors from project start to finish. Drafted technical reports and as-built figures for the system installation and quarterly sampling updates.

**Phase II Subsurface Investigations:** Mr. Bellucci has completed hundreds of Phase II and Phase III subsurface investigation and remediation projects, with extensive field and project management experience associated with the following: soil, groundwater, soil vapor, and surface water monitoring; UST closure; monitoring well elevation surveys; monitoring well abandonments; operation and maintenance of groundwater pump and treat systems; construction site air monitoring; and mapping using GIS and AutoCAD; ground penetrating radar and terrestrial laser scanning surveys. Mr. Bellucci has prepared project schedules, work plans, spill prevention control and countermeasure plans, state and city municipal water discharge permits, soil management plans, MCP Response Action Outcome Plans and stormwater NPDES permitting compliance.

**Phase I Environmental Site Assessments:** Mr. Bellucci has conducted ASTM Phase I Environmental Site Assessments in the Northeast and Midwest. These properties have included commercial, retail, and telecommunications properties. ASTM investigations include correspondence and consultation with Federal, state, and local government offices.

Preparation of Environmental Protection Plans (EPPs) and Spill Prevention, Control and Countermeasure Plans (SPCC) requiring Professional Engineer Certification under 40 CFR 112

### **Education**

Bachelor of Science, Environmental Engineering – University of New Hampshire, Durham, NH

### **Professional Affiliations**

Utility Contractors Association of New England (UCANE) Member, September 2015

### **Professional Registrations**

Certified Engineer-in-Training (EIT), April 2011

40 hour HAZWOPER training certification- 29 CFR 1910.120

National Groundwater Association, Certified Well Driller (CWD), January 2015

MassDOT / Keolis Registered Contractor, October 6, 2014- October 6, 2015

Confined space training certification- 29 CFR 1910.146

ASTM e 1527 Phase I Environmental Site Assessment (ESA) training, 2012

AHERA 24-hour asbestos inspector accreditation, 2012

U.S. department of housing and urban development (HUD) lead based paint visual assessment training course, 2012

## **SUMMARY OF EXPERIENCE**

Mr. Kilcoyne has more than 20 years of experience in oil and hazardous materials site investigation and remediation and has directed numerous projects involving investigations and cleanup activities on industrial and commercial sites. He has been involved in a wide variety of site assessment and remediation projects since 1985 including numerous preacquisition site assessments for lenders (in accordance with ASTM Standard Designation E1527-00 and E1527-05) and due diligence reviews of multiple properties. He has extensive experience conducting all phases of site assessment and remediation under the Massachusetts Contingency Plan and Connecticut Remediation Regulations. Remediation projects have involved numerous soil and UST removals, monitored natural attenuation, enhanced bioremediation, emergency response actions for spills, and operation and maintenance of groundwater treatment systems and vapor extraction systems.

At EBI Consulting, Mr. Kilcoyne is a Senior Scientist in the Site Investigation and Remediation Group and specializes in the identification of effective and protective solutions to his client's environmental investigation and remediation needs. In doing this he recommends action-alternatives in consideration of the governing regulations and the client's specific needs, including but not limited to their current and foreseeable use of the property and the potential onsite and offsite environmental risks and liabilities.

## **RELEVANT PROJECT EXPERIENCE**

**PRIVATE CLIENT, PCE RELEASE AND MCP RESPONSE ACTIONS, DORCHESTER, MASSACHUSETTS.** Project manager for environmental response actions conducted in accordance with the MCP for a former metal fabricating facility in Dorchester, Massachusetts. A release of tetrachloroethene (PCE) was detected in the area of a former vapor degreaser formerly operated at the facility. An Immediate Response Action (IRA) was conducted to evaluate a potential of Substantial Release Migration (SRM) relative to migration of vapors to adjacent residential properties. Indoor air testing confirmed that no SRM or imminent hazard existed. A Release Abatement Measure (RAM) was conducted consisting of the excavation and of-site disposal of PCE contaminated soils in the source area, and application of remedial additives to the excavation. Sheet pile installation was required to conduct the excavation to the required depth in close proximity to adjacent off-site buildings and roads. The RAM was successful in reducing contaminant levels in soil and groundwater to less than applicable standards, and a Class A-2 Response Action Outcome (RAO) was achieved within one year of reporting. [2007-2008]

**NAEA ENERGY MASSACHUSETTS, HYDRAULIC OIL SPILL RESPONSE, CHICOPEE, MASSACHUSETTS.** Project manager for environmental response actions conducted in accordance with the MCP for a release of hydraulic oil from a hydroelectric facility gatehouse on the Chicopee River. Response actions included the deployment of booms and absorbent materials and cleaning of gatehouse structures. A Class A-1 Response Action Outcome was achieved. [2007]

**DRY CLEANER SITE, COLORADO SPRINGS, COLORADO.** Project manager for environmental investigations and regulatory response actions at a dry cleaner site at a commercial shopping center in Colorado. Due diligence site assessment activities identified the presence of PCE in groundwater at concentrations greater than Colorado Department of Public Health and Environment (CDPHE) standards. A groundwater investigation and risk assessment was conducted, including evaluation of potential indoor air migration. A Corrective Action Plan (CAP) was submitted to and approved by CDPHE proposing the implementation of a quarterly monitoring program to further evaluate contaminant trends, and application of an environmental covenant to the property to restrict future use of groundwater as a drinking water resource. [2007 to present]

**COMMERCIAL PROPERTY, PETROLEUM RELEASE, INDIANAPOLIS, INDIANA.** Environmental response action project manager for a petroleum release at a commercial property in Indiana. A site assessment identified the presence of petroleum hydrocarbons in soil and groundwater in the vicinity of a former hydraulic lift at concentrations greater than Indiana Department of Environmental Management (IDEM) standards. Conditions were reported to IDEM, and a Site Investigation was conducted pursuant to Indiana Code 13-24-1-6. Based on the low levels of contamination observed, IDEM approved a quarterly monitoring program to document the natural attenuation of the contaminants. [2007 to present]

**KAYEM FOODS, UST REMOVAL AND MCP RESPONSE ACTIONS, CHELSEA, MASSACHUSETTS.** Project manager for UST removal project at former food processing facility. During the excavation and removal of an abandoned gasoline UST, the presence of a 72-hour reporting condition was identified based on the presence of elevated headspace screening results from soil samples collected beneath the UST. The UST was located within the City-owned sidewalk and adjacent to the existing building and numerous utilities. Notification was made to the Massachusetts Department of Environmental Protection (MADEP), and approval was obtained to perform an Immediate Response Action that included evaluation of Imminent Hazards, Substantial Release Migration and Critical Exposure Pathways. Investigations confirmed that no significant migration or infiltration of vapors to adjacent residential properties was occurring. [2008]

**DOMINION RESOURCES, FORMER NORTHEAST PETROLEUM SITE, SALEM, MASSACHUSETTS.** Project manager for environmental response actions conducted in accordance with the MCP for the former Northeast Petroleum Site in Salem, Massachusetts. The property was formerly operated as a home heating oil storage and distribution facility. In February 2001, light non-aqueous phase liquid (LNAPL) determined to be No. 2 fuel oil was measured in a monitoring well at a thickness of greater than ½ inch, triggering a 72-hour reporting condition under the MCP. An Immediate Response Action (IRA) was undertaken to delineate the extent of LNAPL at the site. Investigations determined that the fuel oil release was most likely associated with fuel delivery truck loading operations from the former fuel oil distributor. Response actions completed under the MCP have included the following: Phase I Initial Site Investigation and Tier Classification; Phase II Comprehensive Site Assessment, which documented the results of field activities to delineate the extent of the release, and a risk assessment to characterize potential site risks; Phase III Remedial Action Plan, which



recommended the installation of an oil recovery system; and a Phase IV Remedy Implementation Plan, which detailed the proposed design of a multi-phase extraction system to remediate the LNAPL and contaminated groundwater at the site. As part of site investigation activities, extensive analysis was performed to evaluate the actual thickness of LNAPL in the environment. This evaluation was performed through the use of bail down tests and installation and gauging of 4-inch monitoring wells. Pilot testing for multi-phase extraction and soil vapor extraction was performed during the summer 2006. Also provided litigation support services to assist client in pursuit of cost recovery from former operator. [2001 – 2006]

**EASTERN TOOL AND STAMPING CO., MCP INVESTIGATIONS, SAUGUS, MASSACHUSETTS.** Project manager for response actions conducted in accordance with the MCP at this manufacturing facility that was the site of a trichloroethylene (TCE) release adjacent to wetlands within a state-designated Area of Critical Environmental Concern. Managed the completion of a Phase I investigation, Numeric Ranking System scoring and Tier Classification which identified the site as a Tier II site; a Phase II Comprehensive Site Assessment (including installation of monitoring wells, sampling of surface water, sediment, groundwater and indoor air, hydrogeologic characterization and human health and ecological risk assessments); and a Phase III remedial action plan. Supervised investigations that identified the presence of TCE at greater than 400 ppm. Directed a Phase III soil vapor extraction/air sparging pilot study. A Class C response action outcome was achieved that involved the implementation of an Activity and Use Limitation and an intrinsic bioremediation remedy. The required five-year RAO-C review was performed in 2004, with the resulting recommendation that an enhanced bioremediation remedy consisting of the application of a slow-release carbohydrate solution be employed. The remedial additives were injected in November 2004 and performance monitoring is ongoing under Phase V of the MCP. [1995-present]

**DYNO NOBEL, CONNECTICUT TRANSFER ACT PHASE II ASSESSMENT, SIMSBURY, CONNECTICUT.** Served as Senior Reviewer and Project QA/QC Officer for Transfer Act Phase II Assessment for an explosives manufacturing facility. Field investigation was performed for 123 Areas of Concern on the facility campus that were identified in accordance with CTDEP regulations. Principal contaminants of concern consisted of energetic compounds (PETN, RDX, and HMX), lead, and tungsten. [2006]

**EMERSON HOSPITAL, NO. 6 OIL INVESTIGATION, CONCORD, MASSACHUSETTS.** Served as Project Manager for response actions under the MCP for a release of No. 6 oil at an operating hospital. The release was identified in November 1999 when petroleum was encountered during the advancement of a well intended to provide backup water supply to the hospital's boiler room. Installation of monitoring wells subsequently confirmed the presence of light non-aqueous phase liquid (LNAPL), which triggered a 72-hour reporting condition under the MCP. An Immediate Response Action (IRA) evaluated the extent of the LNAPL and potential impacts to adjacent wetlands and Sudbury River. After completion of the IRA, response actions were continued under the MCP. An extensive soil boring and monitoring well installation program was undertaken to evaluate the extent of impacts at the site. Based on the results of the Phase II Comprehensive Site Assessment, it was determined that No. 6 fuel oil had been released from a former 10,000-gallon UST, and that No. 6 oil was present as LNAPL at thicknesses of up to 3 feet. The No. 6 oil contamination is located in close proximity to the Emergency Room

entrance of the hospital, and at depths of up to 30 feet below the ground surface, which severely limited potential remedial approaches. The Phase III remedial alternative evaluation recommended implementation of a long-term monitoring program, because active remediation was determined to be cost prohibitive and overly disruptive to hospital operations. A Class-C RAO with an Activity and Use limitation was completed in 2003. Long term monitoring is ongoing to confirm that no significant migration of the No. 6 oil migration towards downgradient wetlands and sensitive receptors occurs. [1999 – 2006]

**CHEROKEE INVESTMENT PARTNERS, FORMER BORDEN CHEMICAL SITE, LEOMINSTER, MASSACHUSETTS.** Project manager for environmental evaluation activities at a former chemical manufacturing plant classified as Tier 1B under MCP. Directed MCP Phase II and III evaluations and a predemolition inspection of the property. Directed removal of several thousand pounds of waste, including phthalates, TCE, n-butyl acrylate, vinyl acetate, and waste oils. Managed a Phase II assessment that identified the presence of four distinct release areas, consisting of TCE and vinyl chloride above Massachusetts ucls in groundwater in till and bedrock, phthalate and No. 6 oil contamination of soil, and metals and pahs in sediments of a former wastewater lagoon. Remediation of No. 6 oil and phthalate areas were completed as Release Abatement Measures under the MCP involving the excavation and off-site disposal of contaminated soil. A risk-based Class B RAO was achieved for the TCE area in 2004 through the use of a Method 2 risk assessment. Directed the closure of the former wastewater lagoon, which involved permitting (NOI, Section 404 and 401 permits, MEPA notification) and design for lagoon closure and stream restoration, which consisted of capping of affected sediments, construction of an armored stream channel, and removal of an existing concrete dam. [1996-2006]

**GRINNELL CORPORATION, 1467 ELMWOOD AVENUE, CRANSTON, RHODE ISLAND:** Served as Project Manager for environmental response actions conducted in accordance with the Rhode Island Remediation Regulations for the Grinnell Corporation site in Cranston, Rhode Island. In March 1998, petroleum-contaminated soils were encountered during the excavation for utility installation associated with a new building addition. In addition, characterization of soils excavated for building foundations indicated the presence of elevated concentrations of arsenic in soil. A Hazardous Material Release Notification Form (HMRNF) reporting the petroleum and arsenic releases was subsequently submitted to RIDEM. Following reporting, Conducted a Short Term Response (STR) in order to evaluate the potential sources of the releases and to delineate the nature and extent of the releases. The source of the petroleum contamination could not be determined within the 45-day period allotted for the STR. A Site Investigation Report (SIR) Work Plan was developed based on the findings of the STR. A SIR was completed and submitted to RIDEM in January 2000 documenting the results of site investigation activities, risk characterization, and remedial alternatives analysis. As part of site activities, arsenic-impacted soils that had been displaced by construction activities (totaling 5,054 tons) were transported off-site under a Material Shipping Record and disposed of as daily landfill cover. [1998 – 2000]

**AFC CABLE, FUEL OIL REMEDIATION, NEW BEDFORD, MASSACHUSETTS.** Based on the results of ASTM Phase I and Phase II assessments, the presence of petroleum hydrocarbons in soil and groundwater above applicable MCP reportable concentrations were identified. The

No. 2 fuel oil related contamination was apparently derived from a former UST that had previously been removed from the site in 1997. Performed the release notification on behalf of the property owner, and prepared a Release Abatement Measure (RAM) Plan to excavate and remove impacted soils. Approximately 50 cubic yards of soil were removed and post-excavation soil sampling and subsequent groundwater monitoring confirmed attainment of clean-up goals. A RAM Completion Statement and Response Action Outcome were completed in January 2006. [08/2005 – 01-2006]

**ARK-LES CORPORATION, MCP INVESTIGATIONS, STOUGHTON, MASSACHUSETTS.** Project manager for response actions at this Tier 1, public involvement plan (PIP) site involving a chlorinated solvent release that has impacted downgradient residential properties. Have conducted extensive site characterization, including residential indoor air evaluation, imminent hazard evaluation, and Method 3 risk assessment. Immediate response actions were conducted to address critical exposure pathway consisting of potential residential indoor air impacts. Prepared PIP documents, participated in public meetings and outreach to citizen's group. A Phase II comprehensive site assessment and response action outcome statement was completed in 2003 after indoor air evaluations determined that a condition of no significant risk was present at all downgradient homes. Also provided litigation support to client's counsel. [1998 – 2003]

**BOSTON HOUSING AUTHORITY, UST REMOVAL CONSTRUCTION OVERSIGHT, HEATH-BROMLEY DEVELOPMENTS, BOSTON, MASSACHUSETTS.** Provided construction management for UST removal project at public housing development. Services included pre-removal characterization of soil and groundwater conditions, preparation of bid spec documents, procurement and evaluation of bids, and oversight of selected contractor for the UST removal and site restoration. [2003]

**CONED ENERGY MASSACHUSETTS, KEROSENE RELEASE, WEST SPRINGFIELD, MASSACHUSETTS.** Conducted MCP response actions relative to a kerosene spill at active power plant. Provided oversight of soil removal as part of an immediate response action (IRA), soil and groundwater characterization. A response action outcome (RAO) was achieved through the use of a Method 3 risk assessment and Activity and Use Limitation. [2003]

**JONES SANITATION SUPERFUND SITE, REMEDIAL INVESTIGATION, HYDE PARK, NEW YORK.** Project manager for a CERCLA remedial investigation at a former septage disposal facility, performed for an industrial client under an administrative consent order with USEPA Region II. Developed and wrote a work plan and sampling and analysis plan. Managed implementation and oversight of field activities, which included a seismic survey, soil gas survey, wetlands delineation, soil boring program (104 borings), hydrogeologic investigation (installation, testing of 35 overburden and bedrock wells), cultural resource assessment, and ecological and human health risk assessment. Prepared monthly progress reports to EPA, wrote Final RI Report, and delivered presentation on findings to EPA. [1991-1994]

**24 CHEMICAL WAREHOUSING FACILITIES, ASTM PHASE I SITE ASSESSMENTS, VARIOUS STATES.** Project manager for due diligence project that involved the assessment of 24 chemical distribution and warehousing facilities in 15 states. Prepared reports to conform to the ASTM standard. Entire project was completed within three weeks through the mobilization of personnel from 11 offices. [1999]

**CRANSTON PRINT WORKS, EMERGENCY SPILL RESPONSE AND MCP CLOSURE, WEBSTER, MASSACHUSETTS.** Project manager for remedial response actions under the Massachusetts Contingency Plan at a manufacturing facility that experienced a rupture in a 6-inch-diameter underground oil pipeline. Directed an immediate response action to contain and remove heated No. 6 oil spilled on the ground; to locate, isolate, and repair the leak; and to excavate and remove oil contaminated soils in the area of the leak. The IRA was completed after it was determined through test pits that the contamination extended a considerable distance along the pipeline. Full delineation of the extent of contamination, removal of the contaminated soil and removal of the pipeline was subsequently completed as a Release Abatement Measure. A Class A-3 response action outcome was achieved within a year of the release. An Activity and Use Limitation was applied to an area of the release that was located beneath a concrete pad and stanchion and was therefore inaccessible for soil removal. Prepared and implemented the RAM and IRA, and prepared the necessary MCP submittals including release notification, an IRA Plan, IRA completion statement, RAM plan, bills of lading, an AUL, and an RAO. [1996]

**IMMEDIATE RESPONSE ACTION AND UST CLOSURE, PIER 37 MARINA, FALMOUTH, MASSACHUSETTS.** Project manager gasoline release site on Cape Cod. Performed 72-hour release notification because of a threat of release after an underground storage tank failed a tightness test. Subsequently performed an IRA consisting of soil and groundwater assessment, tank removal and excavation and recycling of contaminated soil. A Class A-2 response action outcome was achieved within one year of notification. [1995]

**CRANSTON PRINT WORKS FACILITY, PHASE II INVESTIGATION, WEBSTER, MASSACHUSETTS** Project manager for the MCP site investigations for an industrial client with a site contaminated by No. 6 fuel oil and mineral spirits. Completed Phase II comprehensive site assessment that included passive soil gas survey, extensive soil boring program, groundwater and sediment sampling. Several distinct release areas were identified, consisting predominantly of various petroleum distillates and polynuclear aromatic hydrocarbons (PAHS) in soil and sediment. PAHS in soil were determined to be exempt from the MCP based on their derivation from coal ash observed on site, and the ecological risk assessment determined the PAHS in sediment to represent local conditions. The risk assessment found that additional response actions would be required for a No. 6 fuel oil release in the vicinity of abandoned USTS, but that risk characterization and application of Activity and Use Limitations without any remediation would be sufficient to address the majority of the releases identified. [1995 -1997]

**BRAINTREE ELECTRIC LIGHT DEPARTMENT, MULTIPLE SPILL SITES, BRAINTREE, MASSACHUSETTS.** Conducted response actions at seven spill sites for local utility. Conducted immediate response actions for each release, which typically consisted of releases of dielectric fluid and mineral oil from transformers at commercial and residential locations. Conducted

product recovery, soil excavation, site characterization, and risk assessment to achieve closure under the MCP. [1998 – 2005]

**MASSHIGHWAY DEPARTMENT, MULTIPLE SITES, MASSACHUSETTS.** Project manager for environmental projects at multiple sites operated by MassHighway. Managed Phase I and II investigations, implementation of Activity and Use Limitations, and completion of response action outcomes for sites that typically have involved petroleum contamination of soil and groundwater. [2000 – 2004]

**EDUCATION**

B.A. geology                      Williams College

**PROFESSIONAL AFFILIATIONS**

Licensed Site Professional Association, Member

**APPENDIX E**  
**REGULATORY DATABASE REPORT**

DRAFT

**MBTA Wonderland Station Parking Lot**

400 Ocean Avenue

Revere, MA 02151

Inquiry Number: 04902327.2r

April 10, 2017

**The EDR Radius Map™ Report with GeoCheck®**



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Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

400 OCEAN AVENUE  
REVERE, MA 02151

#### COORDINATES

Latitude (North): 42.4119190 - 42° 24' 42.90"  
Longitude (West): 70.9907950 - 70° 59' 26.86"  
Universal Transverse Mercator: Zone 19  
UTM X (Meters): 336187.1  
UTM Y (Meters): 4697218.5  
Elevation: 9 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5642638 LYNN, MA  
Version Date: 2012  
  
Northwest Map: 5646197 BOSTON NORTH, MA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140712  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
400 OCEAN AVENUE  
REVERE, MA 02151

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	WONDERLAND MBTA STAT	OCEAN AVE	SHWS, RELEASE, ENF		TP
A2	WONDERLAND MBTA STAT	OCEAN AVE	RGA HWS		TP
B3		1420 N SHORE RD	EDR Hist Auto	Higher	773, 0.146, SW
B4	LAJOYA AUTO SALES	1420 NORTH SHORE RD	HW GEN	Higher	773, 0.146, SW
C5	WONDERLAND GREYHOUND	1399 NORTH SHORE RD	UST, Financial Assurance, HW GEN	Higher	810, 0.153, WNW
C6	DOG TRACK	BUTLER CIR	SHWS, RELEASE	Higher	816, 0.155, WNW
D7	MDC REVERE BEACH YAR	620 OCEAN AVE	SHWS, RELEASE	Higher	842, 0.159, NNE
D8	PARCEL H	620 OCEAN AVENUE	US BROWNFIELDS	Higher	842, 0.159, NNE
D9	MDC REVERE BEACH YAR	620 OCEAN AVE	RGA HWS	Higher	842, 0.159, NNE
D10	DCR LOT	622 OCEAN AVENUE	US BROWNFIELDS	Higher	856, 0.162, NNE
E11	GASOLINE STATION (FM	1300 NORTH SHORE RD	RGA LUST	Higher	887, 0.168, NNW
E12	GASOLINE STATION FMR	1300 NORTH SHORE RD	RGA LUST	Higher	887, 0.168, NNW
E13	GASOLINE STATION FMR	1300 NORTH SHORE RD	SHWS, LUST, INST CONTROL, RELEASE	Higher	887, 0.168, NNW
E14	GASOLINE STATION FMR	1300 NORTH SHORE RD	RGA HWS	Higher	887, 0.168, NNW
E15	GASOLINE STATION (FM	1300 NORTH SHORE RD	RGA HWS	Higher	887, 0.168, NNW
E16	FMR GAS STATION	1300 NORTH SHORE DR.	RGA HWS	Higher	887, 0.168, NNW
F17		370 OCEAN AVE	EDR Hist Cleaner	Higher	968, 0.183, SSW
G18	WONDERLAND INDUSTRIA	190 VFW PARKWAY	SHWS, RELEASE	Higher	973, 0.184, WNW
G19	190 VFW PARKWAY	190 VFW PKWY	RGA HWS	Higher	973, 0.184, WNW
G20	190 VFW PARKWAY	190 VFW PKWY	SHWS, RELEASE	Higher	973, 0.184, WNW
G21	FORMER WONDERLAND GR	190 VFW PARKWAY	SHWS, RELEASE	Higher	973, 0.184, WNW
F22	WATERS EDGE LIMITED	364 OCEAN AVE	UST, Financial Assurance	Higher	1004, 0.190, SSW
H23	BOBS AUTO BODY	1456 NORTH SHORE RD	HW GEN	Higher	1034, 0.196, SW
H24	MARTINS AUTO BODY	1456A NORTH SHORE RD	RGA HWS	Higher	1034, 0.196, SW
H25	MARTINS AUTO BODY	1456A NORTH SHORE RD	RGA HWS	Higher	1034, 0.196, SW
H26		1456 N SHORE RD	EDR Hist Auto	Higher	1034, 0.196, SW
27	PARKING LOT	191 VFW PWY	RGA LUST	Higher	1053, 0.199, West
28	PARKING LOT	191 VETERANS OF FORE	LUST, RELEASE	Higher	1069, 0.202, WSW
29	PARKING LOT	646-660 OCEAN AVE	SHWS, RELEASE	Higher	1120, 0.212, North
I30	FAMILY DOLLAR STORE	1470 NORTH SHORE RD	HW GEN	Higher	1184, 0.224, SSW
31	DCR MAINTANANCE YARD	660 OCEAN AVENUE	SHWS, LUST, RELEASE	Higher	1212, 0.230, NNE
I32		164 KIMBALL AVE	EDR Hist Auto	Higher	1264, 0.239, SSW
33	MARTINS AUTO BODY	1456A NORTH SHORE RD	SHWS, RELEASE	Higher	1370, 0.259, SSW
34	NORTH LOT	690 OCEAN AVE	US BROWNFIELDS	Higher	1380, 0.261, NNE
35	OLD BATH HOUSE SITE	OCEAN AVENUE	US BROWNFIELDS	Higher	1442, 0.273, SSW
36	SPILL STOPPED AT 885	SHIRLEY AVE/VFW PKWY	SHWS, RELEASE	Higher	1762, 0.334, SSW
J37	NO LOCATION AID	42 AGAWAM STREET	SHWS, RELEASE	Higher	1786, 0.338, North
J38	NO LOCATION AID	42 AGAWAM STREET	RGA HWS	Higher	1786, 0.338, North
39	@ 176 SHIRLEY STREET	SHIRLEY ST	SHWS, RELEASE	Higher	1802, 0.341, SSW

MAPPED SITES SUMMARY

Target Property Address:  
400 OCEAN AVENUE  
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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">K40</a>	NO LOCATION AID	1563 NORTH SHORE RD	SHWS, RELEASE	Higher	2192, 0.415, SSW
<a href="#">K41</a>	NO LOCATION AID	1563 NORTH SHORE RD	RGA HWS	Higher	2192, 0.415, SSW
<a href="#">L42</a>	525 BEACH STREET	525 BEACH ST	SHWS, LUST, RELEASE	Higher	2193, 0.415, WSW
<a href="#">L43</a>	525 BEACH STREET	525 BEACH ST	RGA HWS	Higher	2193, 0.415, WSW
<a href="#">44</a>	NO LOCATION AID	91 CENTENIAL AVE	LAST, RELEASE	Higher	2210, 0.419, SSW
<a href="#">M45</a>	PAUL REVERE SCH	395 REVERE ST	SHWS, RELEASE	Higher	2251, 0.426, NNW
<a href="#">M46</a>	PAUL REVERE SCH	395 REVERE ST	RGA HWS	Higher	2251, 0.426, NNW
<a href="#">47</a>	RAIL LINE	BELL CIR	SHWS, SPILLS, RELEASE	Higher	2252, 0.427, West
<a href="#">N48</a>	INTERSECTION	REVERE ST AND BELLEV	SHWS, RELEASE	Higher	2493, 0.472, North
<a href="#">N49</a>	INTERSECTION	REVERE ST AND BELLEV	RGA HWS	Higher	2493, 0.472, North
<a href="#">N50</a>	INTERSECTION	REVERE ST & BELLEVUE	RGA HWS	Higher	2493, 0.472, North
<a href="#">O51</a>	NO LOCATION AID	53 SUMNER ST	SHWS, LUST, RELEASE, ENF	Higher	2580, 0.489, SW
<a href="#">O52</a>	NO LOCATION AID	53 SUMNER ST	RGA LUST	Higher	2580, 0.489, SW
<a href="#">53</a>	NORTH LOT	OCEAN AVE AND REVERE	SHWS, INST CONTROL, RELEASE	Higher	2588, 0.490, NNE
<a href="#">54</a>	EASTER COUNTY DRAINAGE	REVERE STREET	US BROWNFIELDS, FINDS	Higher	2623, 0.497, NNE
<a href="#">P55</a>	NO LOCATION AID	46 FORD ST	RGA HWS	Higher	2725, 0.516, North
<a href="#">P56</a>	PROPERTY	46 FORD ST	RGA HWS	Higher	2725, 0.516, North
<a href="#">Q57</a>	BELL CIRCLE RTE 1A	440 BEACH ST	RGA HWS	Higher	2727, 0.516, WSW
<a href="#">Q58</a>	BELL CIRCLE RTE 1A	440 BEACH ST	SHWS, RELEASE	Higher	2727, 0.516, WSW
<a href="#">Q59</a>	SITE DEVELOPMENT	60 UPHAM ST	RGA HWS	Higher	2748, 0.520, WSW
<a href="#">Q60</a>	SWALE AREA	60 UPHAM ST	RGA HWS	Higher	2748, 0.520, WSW
<a href="#">Q61</a>	SWALE AREA	60 UPHAM ST	SHWS, LUST, INST CONTROL, RELEASE, ENF	Higher	2748, 0.520, WSW
<a href="#">Q62</a>	NO LOCATION AID	60 UPHAM ST	RGA HWS	Higher	2748, 0.520, WSW
<a href="#">Q63</a>	EVERETT STREET UST A	430 BEACH ST	RGA HWS	Higher	2814, 0.533, WSW
<a href="#">Q64</a>	LOUS CUSTOM EXHAUST	430 BEACH ST	SHWS, LUST, RELEASE	Higher	2814, 0.533, WSW
<a href="#">Q65</a>	NO LOCATION AID	430 BEACH ST	RGA HWS	Higher	2814, 0.533, WSW
<a href="#">Q66</a>	LOUS CUSTOM EXHAUST	430 BEACH ST	RGA HWS	Higher	2814, 0.533, WSW
<a href="#">R67</a>	INTERSECTION FMR SER	BEACH STREET EVERETT	SHWS, RELEASE	Higher	2983, 0.565, WSW
<a href="#">R68</a>	NO LOCATION AID	RTE 60 WEST OF BELL	SHWS, RELEASE	Higher	2984, 0.565, WSW
<a href="#">69</a>	NO LOCATION AID	MARTIN ST	SHWS, RELEASE	Higher	3132, 0.593, NNW
<a href="#">S70</a>	VACANT LOT	101 AMERICAN LEGION	RGA HWS	Higher	3161, 0.599, West
<a href="#">S71</a>	VACANT LOT	101 AMERICAN LEGION	SHWS, INST CONTROL, RELEASE	Higher	3161, 0.599, West
<a href="#">S72</a>	VACANT LOT	101 AMERICAN LEGION	RGA HWS	Higher	3161, 0.599, West
<a href="#">T73</a>	NO LOCATION AID	135 AMERICAN LEGION	RGA HWS	Higher	3220, 0.610, West
<a href="#">T74</a>	NO LOCATION AID	135 AMERICAN LEGION	SHWS, LAST, AST, INST CONTROL, RELEASE, AIRS, ENF,...	Higher	3220, 0.610, West
<a href="#">U75</a>	BELL CIRCLE	400 BEACH ST	RGA HWS	Higher	3255, 0.616, WSW
<a href="#">U76</a>	BELL CIRCLE	400 BEACH ST	SHWS, RELEASE	Higher	3255, 0.616, WSW
<a href="#">V77</a>	FORMERLY 413 BEACH S	550 LEE BURBANK HWY	SHWS, LUST, RELEASE	Higher	3330, 0.631, WSW
<a href="#">V78</a>	FORMERLY 413 BEACH S	550 LEE BURBANK HWY	RGA HWS	Higher	3330, 0.631, WSW

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">W79</a>	PROPERTY	224 HARRIS ST.	RGA HWS	Higher	3370, 0.638, West
<a href="#">W80</a>	PROPERTY	224 HARRIS ST	SHWS, RELEASE	Higher	3370, 0.638, West
<a href="#">W81</a>	PROPERTY	224 HARRIS ST	RGA HWS	Higher	3370, 0.638, West
<a href="#">X82</a>	VINS AUTO SERVICE IN	190 AMERICAN LEGION	SHWS, LUST, RELEASE, SPILLS, HW GEN	Higher	3376, 0.639, West
<a href="#">X83</a>	VIN S AUTO SERVICE	190 AMERICAN LEGION	RGA HWS	Higher	3376, 0.639, West
<a href="#">Y84</a>	BURKE RESIDENCE	48 ELMWOOD ST	SHWS, RELEASE	Higher	3418, 0.647, NNW
<a href="#">Y85</a>	BURKE RESIDENCE	48 ELMWOOD ST	RGA HWS	Higher	3418, 0.647, NNW
<a href="#">Z86</a>	NO LOCATION AID	9 REVERE BEACH PKWY	RGA HWS	Higher	3831, 0.726, South
<a href="#">Z87</a>	NO LOCATION AID	9 REVERE BEACH PKWY	SHWS, RELEASE	Higher	3831, 0.726, South
<a href="#">AA88</a>	NO LOCATION AID	48 CAMPBELL AVE	SHWS, RELEASE	Higher	3918, 0.742, SSW
<a href="#">AA89</a>	NO LOCATION AID	48 CAMPBELL AVE	RGA HWS	Higher	3918, 0.742, SSW
<a href="#">AB90</a>	NO LOCATION AID	128 REVERE STREET	RGA HWS	Higher	3982, 0.754, WNW
<a href="#">AB91</a>	NO LOCATION AID	128 REVERE STREET	SHWS, LUST, INST CONTROL, RELEASE, ENF	Higher	3982, 0.754, WNW
<a href="#">AC92</a>	RESIDENCE	29 ABRUZZI ST	RGA HWS	Higher	4022, 0.762, NW
<a href="#">AC93</a>	RESIDENCE	29 ABRUZZI ST	SHWS, LAST, RELEASE	Higher	4022, 0.762, NW
<a href="#">AD94</a>	SIDE OF HOUSE AT FIL	85 STANTON AVE	RGA HWS	Higher	4023, 0.762, NW
<a href="#">AD95</a>	SIDE OF HOUSE AT FIL	85 STANTON AVE	SHWS, RELEASE, ENF	Higher	4023, 0.762, NW
<a href="#">AE96</a>	BEHIND LISTON TOWERS	45 DOLPHIN AVE	SHWS, RELEASE	Higher	4069, 0.771, South
<a href="#">AE97</a>	BEHIND LISTON TOWERS	45 DOLPHIN AVE	RGA HWS	Higher	4069, 0.771, South
<a href="#">98</a>	APARTMENTS	71 ARCADIA ST	RGA HWS	Higher	4118, 0.780, NNE
<a href="#">AF99</a>	AMERICAN BY PRODUCTS	381 REVERE BEACH BLV	SHWS, RELEASE, ENF	Higher	4121, 0.780, NNE
<a href="#">AF100</a>	ADJACENT TO RENZO PI	381 REVERE BEACH BLV	RGA HWS	Higher	4121, 0.780, NNE
<a href="#">AG101</a>	SUNOCO STA REVERE BE	1781 NORTH SHORE RD	RGA HWS	Higher	4168, 0.789, SSW
<a href="#">AG102</a>	BEST PETROLEUM STATI	1781 NORTH SHORE RD	RGA HWS	Higher	4168, 0.789, SSW
<a href="#">AG103</a>	SUNOCO STA REVERE B	1781 NORTH SHORE RD	RGA HWS	Higher	4168, 0.789, SSW
<a href="#">AG104</a>	SUNOCO STA REVERE BE	1781 NORTH SHORE RD	SHWS, LAST, LUST, RELEASE, HW GEN	Higher	4168, 0.789, SSW
<a href="#">AG105</a>	BEST PETROLEUM	1781 NORTH SHORE RD.	RGA HWS	Higher	4168, 0.789, SSW
<a href="#">AH106</a>	NO LOCATION AID	400 REVERE BEACH PKW	SHWS, BROWNFIELDS, RELEASE, ENF	Higher	4288, 0.812, SW
<a href="#">AH107</a>	NO LOCATION AID	400 REVERE BEACH PKW	RGA HWS	Higher	4288, 0.812, SW
<a href="#">AI108</a>	OFF OF BEACH ST	24 CAREY AVE	RGA HWS	Higher	4328, 0.820, West
<a href="#">AI109</a>	OFF OF BEACH ST	24 CAREY AVE	SHWS, RELEASE, LEAD	Higher	4328, 0.820, West
<a href="#">110</a>	RESIDENCE	22 TREVALLEY ROAD	SHWS, RELEASE	Higher	4356, 0.825, West
<a href="#">AJ111</a>	POLE NO 2173	890 NORTH SHORE RD R	SHWS, RELEASE	Higher	4422, 0.837, NNE
<a href="#">AJ112</a>	POLE NO 2173	890 NORTH SHORE RD R	RGA HWS	Higher	4422, 0.837, NNE
<a href="#">AK113</a>	SEAVIEW TOWERS CONDO	515 REVERE BEACH PWY	RGA HWS	Higher	4450, 0.843, SW
<a href="#">AK114</a>	SEAVIEW TOWERS CONDO	515 REVERE BECH PWY	RGA HWS	Higher	4450, 0.843, SW
<a href="#">AL115</a>	E-Z LUBE	415 AMERICAN LEGION	SHWS, RELEASE, HW GEN	Higher	4493, 0.851, NW
<a href="#">AL116</a>	E-Z LUBE	415 AMERICAN LEGION	RGA HWS	Higher	4493, 0.851, NW
<a href="#">AM117</a>	COD OIL FACILITY	885 NORTH SHORE RD	SHWS, LAST, RELEASE, SPILLS, HW GEN	Higher	4542, 0.860, NNE

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">AM118</a>	COD OIL FACILITY	885 NORTH SHORE RD	RGA HWS	Higher	4542, 0.860, NNE
<a href="#">AN119</a>	PROPERTY	62 REVERE ST	RGA HWS	Higher	4578, 0.867, WNW
<a href="#">AN120</a>	RESIDENCE	62 REVERE ST	SHWS, RELEASE, LEAD	Higher	4578, 0.867, WNW
<a href="#">AN121</a>	RESIDENCE	62 REVERE ST	RGA HWS	Higher	4578, 0.867, WNW
<a href="#">122</a>	ACROSS FROM 57	OAK ISLAND ST	SHWS, RELEASE	Higher	4837, 0.916, NNE
<a href="#">123</a>	NO LOCATION AID	600 TO 612 REVERE BE	SHWS, RELEASE	Higher	4850, 0.919, WSW
<a href="#">124</a>	NORTH SHORE BUS CO I	851 BROADWAY	SHWS, LUST, UST, RELEASE, Financial Assurance	Higher	4852, 0.919, SWN
<a href="#">AO125</a>	JACK SATTER HOUSE	420 REVERE BEACH BLV	RGA HWS	Higher	4859, 0.920, NNE
<a href="#">AO126</a>	JACK SATTER HOUSE	420 REVERE BEACH BLV	SHWS, INST CONTROL, RELEASE	Higher	4859, 0.920, NNE
<a href="#">AO127</a>	HRCA HOUSING FOR ELD	420 REVERE BEACH BLV	RGA HWS	Higher	4859, 0.920, NNE
<a href="#">AP128</a>	RESIDENCE	881 BROADWAY ST.	RGA HWS	Higher	4888, 0.926, WNW
<a href="#">AP129</a>	RESIDENTIAL PROPERTY	881 BROADWAY	RGA HWS	Higher	4888, 0.926, WNW
<a href="#">AP130</a>	FORMER AMOCO STATION	870 BROADWAY ST.	RGA HWS	Higher	4924, 0.933, WNW
<a href="#">AP131</a>	P & S REALTY TRUST	870 BROADWAY	SHWS, RELEASE, ENF	Higher	4924, 0.933, WNW
<a href="#">AP132</a>	NO LOCATION AID	870 BROADWAY	SHWS, RELEASE	Higher	4924, 0.933, WNW
<a href="#">AP133</a>	AMOCO STATION (FMR)	870 BROADWAY	RGA HWS	Higher	4924, 0.933, WNW
<a href="#">AP134</a>	AMOCO STATION FMR	870 BROADWAY	RGA HWS	Higher	4924, 0.933, WNW
<a href="#">AP135</a>	NO LOCATION AID	880 BROADWAY	RGA HWS	Higher	4960, 0.939, WNW
<a href="#">AP136</a>	NO LOCATION AID	880 BROADWAY	SHWS, RELEASE	Higher	4960, 0.939, WNW
<a href="#">AP137</a>	NO LOCATION AID	876 BROADWAY	SHWS, LUST, RELEASE, DRYCLEANERS, ENF, HW GEN	Higher	4982, 0.944, WNW
<a href="#">AP138</a>	WONDERLAND DRY CLEAN	876 BROADWAY	RGA HWS	Higher	4982, 0.944, WNW
<a href="#">AP139</a>	NO LOCATION AID	876 BROADWAY	RGA HWS	Higher	4982, 0.944, WNW
<a href="#">AQ140</a>	NO LOCATION AID	BROWN CIR ROTARY @ R	SHWS, RELEASE	Higher	5024, 0.952, NW
<a href="#">AQ141</a>	BROADWAY	BROWN CIR AT SQUIRE	SHWS, RELEASE	Higher	5024, 0.952, NW
<a href="#">AR142</a>	MASTER AUTO INC	1027 BROADWAY	SHWS, LUST, UST, SPILLS, RELEASE, Financial...	Higher	5025, 0.952, NW
<a href="#">AR143</a>	NO LOCATION AID	1027 BROADWAY	RGA HWS	Higher	5025, 0.952, NW
<a href="#">AS144</a>	PROPOSED RUMNEY MARS	101 SCHOOL ST	RGA HWS	Lower	5030, 0.953, West
<a href="#">AS145</a>	PROPOSED RUMNEY MARS	101 SCHOOL ST	SHWS, INST CONTROL, RELEASE, HW GEN	Lower	5030, 0.953, West
<a href="#">AT146</a>	@ OAK ISLAND ROAD	833 NORTH SHORE RD	SHWS, RELEASE	Higher	5032, 0.953, NNE
<a href="#">AT147</a>	@ OAK ISLAND ROAD	833 NORTH SHORE RD	RGA HWS	Higher	5032, 0.953, NNE
<a href="#">148</a>	SUNOCO	1030 BROADWAY ST.	RGA HWS	Higher	5142, 0.974, NW
<a href="#">149</a>	MOBIL STATION #01-13	1056 BROADWAY	RGA HWS	Higher	5177, 0.980, NW
<a href="#">AU150</a>	WENDYS HAMBURGERS	575 BROADWAY	SHWS, RELEASE	Higher	5211, 0.987, West
<a href="#">AU151</a>	WENDYS HAMBURGERS	575 BROADWAY	RGA HWS	Higher	5211, 0.987, West
<a href="#">AU152</a>	WENDY'S HAMBURGERS	575 BROADWAY	RGA HWS	Higher	5211, 0.987, West
<a href="#">AV153</a>	BREWER PETROLEUM 42	271 LEE BURBANK HWY	SHWS, SPILLS, RELEASE	Lower	5234, 0.991, SW
<a href="#">AV154</a>	BREWER PETROLEUM 42	271 LEE BURBANK HWY	RGA HWS	Lower	5234, 0.991, SW
<a href="#">AV155</a>	BREWER PETROLEUM 42	271 LEE BURBANK HWY	RGA HWS	Lower	5234, 0.991, SW
<a href="#">156</a>	AT BEACHMONT TRAIN S	WINTHROP AVE	SHWS, RELEASE	Higher	5234, 0.991, South

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<a href="#">AW157</a>	FMR OLD COLONY GAS S	12 SQUIRE RD	RGA HWS	Higher	5234, 0.991, NW
<a href="#">AW158</a>	FMR OLD COLONY GAS S	12 SQUIRE RD	SHWS, LUST, INST CONTROL, RELEASE	Higher	5234, 0.991, NW
<a href="#">AW159</a>	OLD COLONY GASOLINE	12 SQUIRE RD	RGA HWS	Higher	5234, 0.991, NW
<a href="#">AX160</a>	NO LOCATION AID	529 BROADWAY	SHWS, RELEASE, LEAD	Lower	5260, 0.996, West
<a href="#">AX161</a>	NO LOCATION AID	529 BROADWAY	RGA HWS	Lower	5260, 0.996, West

# EXECUTIVE SUMMARY

## **TARGET PROPERTY SEARCH RESULTS**

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
WONDERLAND MBTA STAT OCEAN AVE REVERE, MA 02151	SHWS	N/A
	Release Tracking Number / Current Status: 3-0021276 /	RAO
	Release Tracking Number / Current Status: 3-0017001 /	RAO
	RELEASE	
	Release Tracking Number / Current Status: 3-0017001 /	RAO
	Release Tracking Number / Current Status: 3-0021276 /	RAO
	ENF	
	Program Id: 3-0021276	
WONDERLAND MBTA STAT OCEAN AVE REVERE, MA	RGA HWS	N/A
	Facility ID: 3-0017001	

## **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  
 SEMS..... Superfund Enterprise Management System

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

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

CORRACTS..... Corrective Action Report

## EXECUTIVE SUMMARY

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

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

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

RCRA-LQG..... RCRA - Large Quantity Generators

RCRA-SQG..... RCRA - Small Quantity Generators

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

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

LUCIS..... Land Use Control Information System

US ENG CONTROLS..... Engineering Controls Sites List

US INST CONTROL..... Sites with Institutional Controls

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

ERNS..... Emergency Response Notification System

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

SWF/LF..... Solid Waste Facility Database/Transfer Stations

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

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

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

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Storage Tank Database

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

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

INDIAN VCP..... Voluntary Cleanup Priority Listing

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

BROWNFIELDS..... Completed Brownfields Covenants Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

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

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

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

US HIST CDL..... Delisted National Clandestine Laboratory Register



## EXECUTIVE SUMMARY

US CDL..... National Clandestine Laboratory Register

### **Local Land Records**

LIENS..... Liens Information Listing  
LIENS 2..... CERCLA Lien Information

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

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Historical Spill List

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
FINDS..... Facility Index System/Facility Registry System  
UXO..... Unexploded Ordnance Sites  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
AIRS..... Permitted Facilities Listing  
DRYCLEANERS..... Regulated Drycleaning Facilities  
Financial Assurance..... Financial Assurance Information Listing  
GWDP..... Ground Water Discharge Permits  
LEAD..... Lead Inspection Database  
MERCURY..... Mercury Product Recycling Drop-Off Locations Listing

## EXECUTIVE SUMMARY

NPDES.....	NPDES Permit Listing
TIER 2.....	Tier 2 Information Listing
TSD.....	TSD Facility
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
ABANDONED MINES.....	Abandoned Mines

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
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### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

### STANDARD ENVIRONMENTAL RECORDS

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

SHWS: Contains information on releases of oil and hazardous materials that have been reported to DEP.

A review of the SHWS list, as provided by EDR, and dated 10/11/2016 has revealed that there are 65 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>DOG TRACK</i></b> Release Tracking Number / Current Status: 3-0010985 / RAO	<b><i>BUTLER CIR</i></b>	<b><i>WNW 1/8 - 1/4 (0.155 mi.)</i></b>	<b><i>C6</i></b>	<b><i>19</i></b>
<b><i>MDC REVERE BEACH YAR</i></b> Release Tracking Number / Current Status: 3-0013679 / RAO	<b><i>620 OCEAN AVE</i></b>	<b><i>NNE 1/8 - 1/4 (0.159 mi.)</i></b>	<b><i>D7</i></b>	<b><i>23</i></b>
<b><i>GASOLINE STATION FMR</i></b> Release Tracking Number / Current Status: 3-0003487 / RAO	<b><i>1300 NORTH SHORE RD</i></b>	<b><i>NNW 1/8 - 1/4 (0.168 mi.)</i></b>	<b><i>E13</i></b>	<b><i>34</i></b>
<b><i>WONDERLAND INDUSTRIA</i></b> Release Tracking Number / Current Status: 3-0031133 / RAO	<b><i>190 VFW PARKWAY</i></b>	<b><i>WNW 1/8 - 1/4 (0.184 mi.)</i></b>	<b><i>G18</i></b>	<b><i>46</i></b>
<b><i>190 VFW PARKWAY</i></b> Release Tracking Number / Current Status: 3-0030721 / TIER1D Release Tracking Number / Current Status: 3-0030722 / TIER1D	<b><i>190 VFW PKWY</i></b>	<b><i>WNW 1/8 - 1/4 (0.184 mi.)</i></b>	<b><i>G20</i></b>	<b><i>53</i></b>
<b><i>FORMER WONDERLAND GR</i></b>	<b><i>190 VFW PARKWAY</i></b>	<b><i>WNW 1/8 - 1/4 (0.184 mi.)</i></b>	<b><i>G21</i></b>	<b><i>56</i></b>

## EXECUTIVE SUMMARY

Release Tracking Number / Current Status: 3-0031155 / RAO				
<b>PARKING LOT</b>	<b>646-660 OCEAN AVE</b>	<b>N 1/8 - 1/4 (0.212 mi.)</b>	<b>29</b>	<b>67</b>
Release Tracking Number / Current Status: 3-0031127 / RAO				
<b>DCR MAINTANANCE YARD</b>	<b>660 OCEAN AVENUE</b>	<b>NNE 1/8 - 1/4 (0.230 mi.)</b>	<b>31</b>	<b>70</b>
Release Tracking Number / Current Status: 3-0032857 / TIERII				
<b>MARTINS AUTO BODY</b>	<b>1456A NORTH SHORE RD</b>	<b>SSW 1/4 - 1/2 (0.259 mi.)</b>	<b>33</b>	<b>76</b>
Release Tracking Number / Current Status: 3-0002032 / DEPND5				
<b>SPILL STOPPED AT 885</b>	<b>SHIRLEY AVE/VFW PKWY</b>	<b>SSW 1/4 - 1/2 (0.334 mi.)</b>	<b>36</b>	<b>82</b>
Release Tracking Number / Current Status: 3-0010142 / RAO				
<b>NO LOCATION AID</b>	<b>42 AGAWAM STREET</b>	<b>N 1/4 - 1/2 (0.338 mi.)</b>	<b>J37</b>	<b>85</b>
Release Tracking Number / Current Status: 3-0029653 / RAO				
<b>@ 176 SHIRLEY STREET</b>	<b>SHIRLEY ST</b>	<b>SSW 1/4 - 1/2 (0.341 mi.)</b>	<b>39</b>	<b>88</b>
Release Tracking Number / Current Status: 3-0023674 / RAO				
<b>NO LOCATION AID</b>	<b>1563 NORTH SHORE RD</b>	<b>SSW 1/4 - 1/2 (0.415 mi.)</b>	<b>K40</b>	<b>90</b>
Release Tracking Number / Current Status: 3-0017100 / RAO				
<b>525 BEACH STREET</b>	<b>525 BEACH ST</b>	<b>WSW 1/4 - 1/2 (0.415 mi.)</b>	<b>L42</b>	<b>93</b>
Release Tracking Number / Current Status: 3-0030746 / PSNC				
Release Tracking Number / Current Status: 3-0032014 / PSNC				
Release Tracking Number / Current Status: 3-0031887 / RAO				
<b>PAUL REVERE SCH</b>	<b>395 REVERE ST</b>	<b>NNW 1/4 - 1/2 (0.426 mi.)</b>	<b>M45</b>	<b>108</b>
Release Tracking Number / Current Status: 3-0028314 / RAO				
<b>RAIL LINE</b>	<b>BELL CIR</b>	<b>W 1/4 - 1/2 (0.427 mi.)</b>	<b>47</b>	<b>112</b>
Release Tracking Number / Current Status: 3-0003549 / DEPND5				
<b>INTERSECTION</b>	<b>REVERE ST AND BELLEV</b>	<b>N 1/4 - 1/2 (0.472 mi.)</b>	<b>N48</b>	<b>114</b>
Release Tracking Number / Current Status: 3-0014678 / RAO				
<b>NO LOCATION AID</b>	<b>53 SUMNER ST</b>	<b>SW 1/4 - 1/2 (0.489 mi.)</b>	<b>O51</b>	<b>117</b>
Release Tracking Number / Current Status: 3-0023984 / RAO				
<b>NORTH LOT</b>	<b>OCEAN AVE AND REVERE</b>	<b>NNE 1/4 - 1/2 (0.490 mi.)</b>	<b>53</b>	<b>131</b>
Release Tracking Number / Current Status: 3-0031608 / RAO				
<b>BELL CIRCLE RTE 1A</b>	<b>440 BEACH ST</b>	<b>WSW 1/2 - 1 (0.516 mi.)</b>	<b>Q58</b>	<b>145</b>
Release Tracking Number / Current Status: 3-0021394 / URAM				
<b>SWALE AREA</b>	<b>60 UPHAM ST</b>	<b>WSW 1/2 - 1 (0.520 mi.)</b>	<b>Q61</b>	<b>147</b>
Release Tracking Number / Current Status: 3-0028661 / RAONR				
Release Tracking Number / Current Status: 3-0026964 / RAO				
Release Tracking Number / Current Status: 3-0027123 / RAONR				
<b>LOUS CUSTOM EXHAUST</b>	<b>430 BEACH ST</b>	<b>WSW 1/2 - 1 (0.533 mi.)</b>	<b>Q64</b>	<b>169</b>
Release Tracking Number / Current Status: 3-0027215 / RAONR				
Release Tracking Number / Current Status: 3-0021926 / RAO				
<b>INTERSECTION FMR SER</b>	<b>BEACH STREET EVERETT</b>	<b>WSW 1/2 - 1 (0.565 mi.)</b>	<b>R67</b>	<b>182</b>
Release Tracking Number / Current Status: 3-0027054 / RAONR				
<b>NO LOCATION AID</b>	<b>RTE 60 WEST OF BELL</b>	<b>WSW 1/2 - 1 (0.565 mi.)</b>	<b>R68</b>	<b>185</b>
Release Tracking Number / Current Status: 3-0020735 / RAO				
<b>NO LOCATION AID</b>	<b>MARTIN ST</b>	<b>NNW 1/2 - 1 (0.593 mi.)</b>	<b>69</b>	<b>187</b>
Release Tracking Number / Current Status: 3-0016589 / RAO				
<b>VACANT LOT</b>	<b>101 AMERICAN LEGION</b>	<b>W 1/2 - 1 (0.599 mi.)</b>	<b>S71</b>	<b>189</b>
Release Tracking Number / Current Status: 3-0018678 / RAO				
<b>NO LOCATION AID</b>	<b>135 AMERICAN LEGION</b>	<b>W 1/2 - 1 (0.610 mi.)</b>	<b>T74</b>	<b>196</b>

## EXECUTIVE SUMMARY

Release Tracking Number / Current Status: 3-0031138 / TIERII				
Release Tracking Number / Current Status: 3-0027620 / RAO				
<b>BELL CIRCLE</b>	<b>400 BEACH ST</b>	<b>WSW 1/2 - 1 (0.616 mi.)</b>	<b>U76</b>	<b>226</b>
Release Tracking Number / Current Status: 3-0021707 / RAO				
<b>FORMERLY 413 BEACH S</b>	<b>550 LEE BURBANK HWY</b>	<b>WSW 1/2 - 1 (0.631 mi.)</b>	<b>V77</b>	<b>228</b>
Release Tracking Number / Current Status: 3-0020770 / RAONR				
<b>PROPERTY</b>	<b>224 HARRIS ST</b>	<b>W 1/2 - 1 (0.638 mi.)</b>	<b>W80</b>	<b>233</b>
Release Tracking Number / Current Status: 3-0002210 / DEPNSD				
<b>VINS AUTO SERVICE IN</b>	<b>190 AMERICAN LEGION</b>	<b>W 1/2 - 1 (0.639 mi.)</b>	<b>X82</b>	<b>234</b>
Release Tracking Number / Current Status: 3-0006057 / RAO				
<b>BURKE RESIDENCE</b>	<b>48 ELMWOOD ST</b>	<b>NNW 1/2 - 1 (0.647 mi.)</b>	<b>Y84</b>	<b>241</b>
Release Tracking Number / Current Status: 3-0023836 / RAO				
<b>NO LOCATION AID</b>	<b>9 REVERE BEACH PKWY</b>	<b>S 1/2 - 1 (0.726 mi.)</b>	<b>Z87</b>	<b>245</b>
Release Tracking Number / Current Status: 3-0018071 / RAO				
<b>NO LOCATION AID</b>	<b>48 CAMPBELL AVE</b>	<b>SSW 1/2 - 1 (0.742 mi.)</b>	<b>AA88</b>	<b>247</b>
Release Tracking Number / Current Status: 3-0020289 / RAO				
<b>NO LOCATION AID</b>	<b>128 REVERE STREET</b>	<b>WNW 1/2 - 1 (0.754 mi.)</b>	<b>AB91</b>	<b>252</b>
Release Tracking Number / Current Status: 3-0030960 / PSC				
<b>RESIDENCE</b>	<b>29 ABRUZZI ST</b>	<b>NW 1/2 - 1 (0.762 mi.)</b>	<b>AC93</b>	<b>261</b>
Release Tracking Number / Current Status: 3-0028736 / RAO				
<b>SIDE OF HOUSE AT FIL</b>	<b>85 STANTON AVE</b>	<b>NW 1/2 - 1 (0.762 mi.)</b>	<b>AD95</b>	<b>266</b>
Release Tracking Number / Current Status: 3-0025597 / RAO				
<b>BEHIND LISTON TOWERS</b>	<b>45 DOLPHIN AVE</b>	<b>S 1/2 - 1 (0.771 mi.)</b>	<b>AE96</b>	<b>274</b>
Release Tracking Number / Current Status: 3-0025319 / RAO				
<b>AMERICAN BY PRODUCTS</b>	<b>381 REVERE BEACH BLV</b>	<b>NNE 1/2 - 1 (0.780 mi.)</b>	<b>AF99</b>	<b>282</b>
Release Tracking Number / Current Status: 3-0029170 / RAO				
<b>SUNOCO STA REVERE BE</b>	<b>1781 NORTH SHORE RD</b>	<b>SSW 1/2 - 1 (0.789 mi.)</b>	<b>AG104</b>	<b>287</b>
Release Tracking Number / Current Status: 3-0010187 / RAO				
Release Tracking Number / Current Status: 3-0023309 / RAO				
<b>NO LOCATION AID</b>	<b>400 REVERE BEACH PKW</b>	<b>SW 1/2 - 1 (0.812 mi.)</b>	<b>AH106</b>	<b>301</b>
Release Tracking Number / Current Status: 3-0026209 / TIERII				
<b>OFF OF BEACH ST</b>	<b>24 CAREY AVE</b>	<b>W 1/2 - 1 (0.820 mi.)</b>	<b>AI109</b>	<b>307</b>
Release Tracking Number / Current Status: 3-0014654 / RAO				
<b>RESIDENCE</b>	<b>22 TREVALLEY ROAD</b>	<b>W 1/2 - 1 (0.825 mi.)</b>	<b>110</b>	<b>311</b>
Release Tracking Number / Current Status: 3-0033107 / PSNC				
<b>POLE NO 2173</b>	<b>890 NORTH SHORE RD R</b>	<b>NNE 1/2 - 1 (0.837 mi.)</b>	<b>AJ111</b>	<b>313</b>
Release Tracking Number / Current Status: 3-0021296 / RAO				
<b>E-Z LUBE</b>	<b>415 AMERICAN LEGION</b>	<b>NW 1/2 - 1 (0.851 mi.)</b>	<b>AL115</b>	<b>316</b>
Release Tracking Number / Current Status: 3-0021440 / RAO				
<b>COD OIL FACILITY</b>	<b>885 NORTH SHORE RD</b>	<b>NNE 1/2 - 1 (0.860 mi.)</b>	<b>AM117</b>	<b>318</b>
Release Tracking Number / Current Status: 3-0013588 / RAO				
<b>RESIDENCE</b>	<b>62 REVERE ST</b>	<b>WNW 1/2 - 1 (0.867 mi.)</b>	<b>AN120</b>	<b>325</b>
Release Tracking Number / Current Status: 3-0015712 / RAO				
<b>ACROSS FROM 57</b>	<b>OAK ISLAND ST</b>	<b>NNE 1/2 - 1 (0.916 mi.)</b>	<b>122</b>	<b>329</b>
Release Tracking Number / Current Status: 3-0021914 / RAO				
<b>NO LOCATION AID</b>	<b>600 TO 612 REVERE BE</b>	<b>WSW 1/2 - 1 (0.919 mi.)</b>	<b>123</b>	<b>331</b>
Release Tracking Number / Current Status: 3-0022466 / RAO				
<b>NORTH SHORE BUS CO I</b>	<b>851 BROADWAY</b>	<b>WNW 1/2 - 1 (0.919 mi.)</b>	<b>124</b>	<b>333</b>

## EXECUTIVE SUMMARY

Release Tracking Number / Current Status: 3-0033225 / PSNC				
<b>JACK SATTER HOUSE</b>	<b>420 REVERE BEACH BLV</b>	<b>NNE 1/2 - 1 (0.920 mi.)</b>	<b>AO126</b>	<b>344</b>
Release Tracking Number / Current Status: 3-0024730 / RAO				
Release Tracking Number / Current Status: 3-0030759 / RAO				
<b>P &amp; S REALTY TRUST</b>	<b>870 BROADWAY</b>	<b>WNW 1/2 - 1 (0.933 mi.)</b>	<b>AP131</b>	<b>357</b>
Release Tracking Number / Current Status: 3-0003318 / TMPS				
<b>NO LOCATION AID</b>	<b>870 BROADWAY</b>	<b>WNW 1/2 - 1 (0.933 mi.)</b>	<b>AP132</b>	<b>367</b>
Release Tracking Number / Current Status: 3-0033736 / UNCLSS				
<b>NO LOCATION AID</b>	<b>880 BROADWAY</b>	<b>WNW 1/2 - 1 (0.939 mi.)</b>	<b>AP136</b>	<b>370</b>
Release Tracking Number / Current Status: 3-0019628 / DPS				
<b>NO LOCATION AID</b>	<b>876 BROADWAY</b>	<b>WNW 1/2 - 1 (0.944 mi.)</b>	<b>AP137</b>	<b>372</b>
Release Tracking Number / Current Status: 3-0017112 / TIERII				
Release Tracking Number / Current Status: 3-0025152 / RAONR				
<b>NO LOCATION AID</b>	<b>BROWN CIR ROTARY @ R</b>	<b>NW 1/2 - 1 (0.952 mi.)</b>	<b>AQ140</b>	<b>400</b>
Release Tracking Number / Current Status: 3-0026061 / RAO				
<b>BROADWAY</b>	<b>BROWN CIR AT SQUIRE</b>	<b>NW 1/2 - 1 (0.952 mi.)</b>	<b>AQ141</b>	<b>402</b>
Release Tracking Number / Current Status: 3-0018517 / RAO				
<b>MASTER AUTO INC</b>	<b>1027 BROADWAY</b>	<b>NW 1/2 - 1 (0.952 mi.)</b>	<b>AR142</b>	<b>409</b>
Release Tracking Number / Current Status: 3-0017953 / RAO				
<b>@ OAK ISLAND ROAD</b>	<b>833 NORTH SHORE RD</b>	<b>NNE 1/2 - 1 (0.953 mi.)</b>	<b>AT146</b>	<b>422</b>
Release Tracking Number / Current Status: 3-0028618 / URAM				
<b>WENDYS HAMBURGERS</b>	<b>575 BROADWAY</b>	<b>W 1/2 - 1 (0.987 mi.)</b>	<b>AU150</b>	<b>425</b>
Release Tracking Number / Current Status: 3-0001500 / WCSPRM				
<b>AT BEACHMONT TRAIN S</b>	<b>WINTHROP AVE</b>	<b>S 1/2 - 1 (0.991 mi.)</b>	<b>156</b>	<b>432</b>
Release Tracking Number / Current Status: 3-0021728 / RAO				
<b>FMR OLD COLONY GAS S</b>	<b>12 SQUIRE RD</b>	<b>NW 1/2 - 1 (0.991 mi.)</b>	<b>AW158</b>	<b>435</b>
Release Tracking Number / Current Status: 3-0010091 / RAONR				
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
<b>PROPOSED RUMNEY MARS</b>	<b>101 SCHOOL ST</b>	<b>W 1/2 - 1 (0.953 mi.)</b>	<b>AS145</b>	<b>416</b>
Release Tracking Number / Current Status: 3-0025848 / RAO				
<b>BREWER PETROLEUM 42</b>	<b>271 LEE BURBANK HWY</b>	<b>SW 1/2 - 1 (0.991 mi.)</b>	<b>AV153</b>	<b>428</b>
Release Tracking Number / Current Status: 3-0024574 / RAO				
<b>NO LOCATION AID</b>	<b>529 BROADWAY</b>	<b>W 1/2 - 1 (0.996 mi.)</b>	<b>AX160</b>	<b>448</b>
Release Tracking Number / Current Status: 3-0022793 / RAO				

### State and tribal leaking storage tank lists

LAST: The Leaking Aboveground Storage Tanks database

A review of the LAST list, as provided by EDR, and dated 10/11/2016 has revealed that there is 1 LAST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NO LOCATION AID</b>	<b>91 CENTENIAL AVE</b>	<b>SSW 1/4 - 1/2 (0.419 mi.)</b>	<b>44</b>	<b>107</b>

## EXECUTIVE SUMMARY

Release Tracking Number / Current Status: 3-0014387 / RAO

LUST: Sites within the Releases Database that have a UST listed as its source.

A review of the LUST list, as provided by EDR, and dated 10/11/2016 has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GASOLINE STATION FMR</b> Release Tracking Number / Current Status: 3-0003487 / RAO	<b>1300 NORTH SHORE RD</b>	<b>NNW 1/8 - 1/4 (0.168 mi.)</b>	<b>E13</b>	<b>34</b>
<b>PARKING LOT</b> Release Tracking Number / Current Status: 3-0012840 / RAO	<b>191 VETERANS OF FORE</b>	<b>WSW 1/8 - 1/4 (0.202 mi.)</b>	<b>28</b>	<b>64</b>
<b>DCR MAINTANANCE YARD</b> Release Tracking Number / Current Status: 3-0032857 / TIERII	<b>660 OCEAN AVENUE</b>	<b>NNE 1/8 - 1/4 (0.230 mi.)</b>	<b>31</b>	<b>70</b>
<b>525 BEACH STREET</b> Release Tracking Number / Current Status: 3-0031887 / RAO	<b>525 BEACH ST</b>	<b>WSW 1/4 - 1/2 (0.415 mi.)</b>	<b>L42</b>	<b>93</b>
<b>NO LOCATION AID</b> Release Tracking Number / Current Status: 3-0023984 / RAO	<b>53 SUMNER ST</b>	<b>SW 1/4 - 1/2 (0.489 mi.)</b>	<b>O51</b>	<b>117</b>

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

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Protection's Summary Listing of all the Tanks Registered in the State of Massachusetts.

A review of the UST list, as provided by EDR, and dated 11/10/2016 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>WONDERLAND GREYHOUND</b> Tank Status: Tank Removed Facility Id: 14922	<b>1399 NORTH SHORE RD</b>	<b>WNW 1/8 - 1/4 (0.153 mi.)</b>	<b>C5</b>	<b>17</b>
<b>WATERS EDGE LIMITED</b> Facility Id: 54727	<b>364 OCEAN AVE</b>	<b>SSW 1/8 - 1/4 (0.190 mi.)</b>	<b>F22</b>	<b>61</b>

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

INST CONTROL: Activity and Use Limitations establish limits and conditions on the future use of contaminated property, and therefore allow cleanups to be tailored to these uses.

A review of the INST CONTROL list, as provided by EDR, and dated 10/11/2016 has revealed that there are 2 INST CONTROL sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GASOLINE STATION FMR</b>	<b>1300 NORTH SHORE RD</b>	<b>NNW 1/8 - 1/4 (0.168 mi.)</b>	<b>E13</b>	<b>34</b>

## EXECUTIVE SUMMARY

Release Tracking Number: 3-0003487

**NORTH LOT**

Release Tracking Number: 3-0031608

**OCEAN AVE AND REVERE    NNE 1/4 - 1/2 (0.490 mi.)    53    131**

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Brownfield lists***

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 03/02/2017 has revealed that there are 5 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PARCEL H	620 OCEAN AVENUE	NNE 1/8 - 1/4 (0.159 mi.)	D8	26
DCR LOT	622 OCEAN AVENUE	NNE 1/8 - 1/4 (0.162 mi.)	D10	31
NORTH LOT	690 OCEAN AVE	NNE 1/4 - 1/2 (0.261 mi.)	34	77
OLD BATH HOUSE SITE	OCEAN AVENUE	SSW 1/4 - 1/2 (0.273 mi.)	35	80
<b>EASTER COUNTY DRAIN</b>	<b>REVERE STREET</b>	<b>NNE 1/4 - 1/2 (0.497 mi.)</b>	<b>54</b>	<b>139</b>

***Other Ascertainable Records***

HW GEN: Permanent generator identification numbers for all Massachusetts generators of hazardous waste and waste oil that have registered with or notified MassDEP of their hazardous waste activities.

A review of the HW GEN list, as provided by EDR, and dated 09/21/2016 has revealed that there are 4 HW GEN sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LAJOYA AUTO SALES State Generator Status: SQG-MA EPA Id: MV7812843094	1420 NORTH SHORE RD	SW 1/8 - 1/4 (0.146 mi.)	B4	17
<b>WONDERLAND GREYHOUND</b> EPA Id: MV7812843823	<b>1399 NORTH SHORE RD</b>	<b>WNW 1/8 - 1/4 (0.153 mi.)</b>	<b>C5</b>	<b>17</b>
BOBS AUTO BODY EPA Id: MV7812891300	1456 NORTH SHORE RD	SW 1/8 - 1/4 (0.196 mi.)	H23	62
FAMILY DOLLAR STORE EPA Id: MV7814856863	1470 NORTH SHORE RD	SSW 1/8 - 1/4 (0.224 mi.)	I30	69

## EXECUTIVE SUMMARY

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR Hist Auto: 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 Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1420 N SHORE RD	SW 1/8 - 1/4 (0.146 mi.)	B3	16
Not reported	1456 N SHORE RD	SW 1/8 - 1/4 (0.196 mi.)	H26	63
Not reported	164 KIMBALL AVE	SSW 1/8 - 1/4 (0.239 mi.)	I32	75

EDR Hist Cleaner: 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 Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	370 OCEAN AVE	SSW 1/8 - 1/4 (0.183 mi.)	F17	46

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

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

A review of the RGA HWS list, as provided by EDR, has revealed that there are 74 RGA HWS sites within approximately 1 mile of the target property.



## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MDC REVERE BEACH YAR Facility ID: 3-0013679	620 OCEAN AVE	NNE 1/8 - 1/4 (0.159 mi.)	D9	31
GASOLINE STATION FMR Facility ID: 3-0003487	1300 NORTH SHORE RD	NNW 1/8 - 1/4 (0.168 mi.)	E14	46
GASOLINE STATION (FM Facility ID: 3-0003487	1300 NORTH SHORE RD	NNW 1/8 - 1/4 (0.168 mi.)	E15	46
FMR GAS STATION Facility ID: 3-3487	1300 NORTH SHORE DR.	NNW 1/8 - 1/4 (0.168 mi.)	E16	46
190 VFW PARKWAY Facility ID: 3-0030721 Facility ID: 3-0030722	190 VFW PKWY	WNW 1/8 - 1/4 (0.184 mi.)	G19	53
MARTINS AUTO BODY Facility ID: 3-0002032	1456A NORTH SHORE RD	SW 1/8 - 1/4 (0.196 mi.)	H24	62
MARTINS AUTO BODY Facility ID: 3-2032 Facility ID: 3-0002032	1456A NORTH SHORE RD	SW 1/8 - 1/4 (0.196 mi.)	H25	63
NO LOCATION AID Facility ID: 3-0029653	42 AGAWAM STREET	N 1/4 - 1/2 (0.338 mi.)	J38	88
NO LOCATION AID Facility ID: 3-0017100	1563 NORTH SHORE RD	SSW 1/4 - 1/2 (0.415 mi.)	K41	93
525 BEACH STREET Facility ID: 3-0030746	525 BEACH ST	WSW 1/4 - 1/2 (0.415 mi.)	L43	106
PAUL REVERE SCH Facility ID: 3-0028314	395 REVERE ST	NNW 1/4 - 1/2 (0.426 mi.)	M46	112
INTERSECTION Facility ID: 3-0014678	REVERE ST AND BELLEV	N 1/4 - 1/2 (0.472 mi.)	N49	117
INTERSECTION Facility ID: 3-0014678	REVERE ST & BELLEVUE	N 1/4 - 1/2 (0.472 mi.)	N50	117
NO LOCATION AID Facility ID: 3-0013577	46 FORD ST	N 1/2 - 1 (0.516 mi.)	P55	144
PROPERTY Facility ID: 3-0013577	46 FORD ST	N 1/2 - 1 (0.516 mi.)	P56	144
BELL CIRCLE RTE 1A Facility ID: 3-0021394	440 BEACH ST	WSW 1/2 - 1 (0.516 mi.)	Q57	145
SITE DEVELOPMENT Facility ID: 3-0026964	60 UPHAM ST	WSW 1/2 - 1 (0.520 mi.)	Q59	147
SWALE AREA Facility ID: 3-0027123	60 UPHAM ST	WSW 1/2 - 1 (0.520 mi.)	Q60	147
NO LOCATION AID Facility ID: 3-0028661	60 UPHAM ST	WSW 1/2 - 1 (0.520 mi.)	Q62	169
EVERETT STREET UST A Facility ID: 3-0027215	430 BEACH ST	WSW 1/2 - 1 (0.533 mi.)	Q63	169
NO LOCATION AID Facility ID: 3-0021926	430 BEACH ST	WSW 1/2 - 1 (0.533 mi.)	Q65	181
LOUS CUSTOM EXHAUST	430 BEACH ST	WSW 1/2 - 1 (0.533 mi.)	Q66	181

## EXECUTIVE SUMMARY

Facility ID: 3-0021926				
VACANT LOT	101 AMERICAN LEGION	W 1/2 - 1 (0.599 mi.)	S70	189
Facility ID: 3-0018678				
VACANT LOT	101 AMERICAN LEGION	W 1/2 - 1 (0.599 mi.)	S72	195
Facility ID: 3-0018678				
NO LOCATION AID	135 AMERICAN LEGION	W 1/2 - 1 (0.610 mi.)	T73	196
Facility ID: 3-0027620				
BELL CIRCLE	400 BEACH ST	WSW 1/2 - 1 (0.616 mi.)	U75	225
Facility ID: 3-0021707				
FORMERLY 413 BEACH S	550 LEE BURBANK HWY	WSW 1/2 - 1 (0.631 mi.)	V78	232
Facility ID: 3-0020770				
PROPERTY	224 HARRIS ST.	W 1/2 - 1 (0.638 mi.)	W79	232
Facility ID: 3-2210				
Facility ID: 3-0002210				
PROPERTY	224 HARRIS ST	W 1/2 - 1 (0.638 mi.)	W81	234
Facility ID: 3-0002210				
VIN S AUTO SERVICE	190 AMERICAN LEGION	W 1/2 - 1 (0.639 mi.)	X83	241
Facility ID: 3-0006057				
BURKE RESIDENCE	48 ELMWOOD ST	NNW 1/2 - 1 (0.647 mi.)	Y85	245
Facility ID: 3-0023836				
NO LOCATION AID	9 REVERE BEACH PKWY	S 1/2 - 1 (0.726 mi.)	Z86	245
Facility ID: 3-0018071				
NO LOCATION AID	48 CAMPBELL AVE	SSW 1/2 - 1 (0.742 mi.)	AA89	251
Facility ID: 3-0020289				
NO LOCATION AID	128 REVERE STREET	WNW 1/2 - 1 (0.754 mi.)	AB90	252
Facility ID: 3-0030960				
RESIDENCE	29 ABRUZZI ST	NW 1/2 - 1 (0.762 mi.)	AC92	261
Facility ID: 3-0028736				
SIDE OF HOUSE AT FIL	85 STANTON AVE	NW 1/2 - 1 (0.762 mi.)	AD94	266
Facility ID: 3-0025597				
BEHIND LISTON TOWERS	45 DOLPHIN AVE	S 1/2 - 1 (0.771 mi.)	AE97	282
Facility ID: 3-0025319				
APARTMENTS	71 ARCADIA ST	NNE 1/2 - 1 (0.780 mi.)	98	282
Facility ID: 3-0014644				
ADJACENT TO RENZO PI	381 REVERE BEACH BLV	NNE 1/2 - 1 (0.780 mi.)	AF100	286
Facility ID: 3-0029170				
SUNOCO STA REVERE BE	1781 NORTH SHORE RD	SSW 1/2 - 1 (0.789 mi.)	AG101	286
Facility ID: 3-0023309				
BEST PETROLEUM STATI	1781 NORTH SHORE RD	SSW 1/2 - 1 (0.789 mi.)	AG102	286
Facility ID: 3-0010187				
SUNOCO STA REVERE B	1781 NORTH SHORE RD	SSW 1/2 - 1 (0.789 mi.)	AG103	287
Facility ID: 3-0023309				
BEST PETROLEUM	1781 NORTH SHORE RD.	SSW 1/2 - 1 (0.789 mi.)	AG105	301
Facility ID: 3-1568				
NO LOCATION AID	400 REVERE BEACH PKW	SW 1/2 - 1 (0.812 mi.)	AH107	306
Facility ID: 3-0026209				
OFF OF BEACH ST	24 CAREY AVE	W 1/2 - 1 (0.820 mi.)	AI108	307

## EXECUTIVE SUMMARY

Facility ID: 3-0014654					
POLE NO 2173	890 NORTH SHORE RD R	NNE 1/2 - 1 (0.837 mi.)	AJ112	315	
Facility ID: 3-0021296					
SEAVIEW TOWERS CONDO	515 REVERE BEACH PWY	SW 1/2 - 1 (0.843 mi.)	AK113	315	
Facility ID: 3-0011998					
SEAVIEW TOWERS CONDO	515 REVERE BECH PWY	SW 1/2 - 1 (0.843 mi.)	AK114	316	
Facility ID: 3-0011998					
E-Z LUBE	415 AMERICAN LEGION	NW 1/2 - 1 (0.851 mi.)	AL116	318	
Facility ID: 3-0021440					
COD OIL FACILITY	885 NORTH SHORE RD	NNE 1/2 - 1 (0.860 mi.)	AM118	324	
Facility ID: 3-0013588					
PROPERTY	62 REVERE ST	WNW 1/2 - 1 (0.867 mi.)	AN119	325	
Facility ID: 3-0015712					
RESIDENCE	62 REVERE ST	WNW 1/2 - 1 (0.867 mi.)	AN121	328	
Facility ID: 3-0015712					
JACK SATTER HOUSE	420 REVERE BEACH BLV	NNE 1/2 - 1 (0.920 mi.)	AO125	344	
Facility ID: 3-0024730					
HRCA HOUSING FOR ELD	420 REVERE BEACH BLV	NNE 1/2 - 1 (0.920 mi.)	AO127	356	
Facility ID: 3-0030759					
RESIDENCE	881 BROADWAY ST.	WNW 1/2 - 1 (0.926 mi.)	AP128	356	
Facility ID: 3-3588					
RESIDENTIAL PROPERTY	881 BROADWAY	WNW 1/2 - 1 (0.926 mi.)	AP129	356	
Facility ID: 3-0003588					
FORMER AMOCO STATION	870 BROADWAY ST.	WNW 1/2 - 1 (0.933 mi.)	AP130	356	
Facility ID: 3-3318					
AMOCO STATION (FMR)	870 BROADWAY	WNW 1/2 - 1 (0.933 mi.)	AP133	369	
Facility ID: 3-0003318					
AMOCO STATION FMR	870 BROADWAY	WNW 1/2 - 1 (0.933 mi.)	AP134	369	
Facility ID: 3-0003318					
NO LOCATION AID	880 BROADWAY	WNW 1/2 - 1 (0.939 mi.)	AP135	369	
Facility ID: 3-0019628					
WONDERLAND DRY CLEAN	876 BROADWAY	WNW 1/2 - 1 (0.944 mi.)	AP138	399	
Facility ID: 3-0025152					
NO LOCATION AID	876 BROADWAY	WNW 1/2 - 1 (0.944 mi.)	AP139	399	
Facility ID: 3-0017112					
NO LOCATION AID	1027 BROADWAY	NW 1/2 - 1 (0.952 mi.)	AR143	415	
Facility ID: 3-0017953					
@ OAK ISLAND ROAD	833 NORTH SHORE RD	NNE 1/2 - 1 (0.953 mi.)	AT147	424	
Facility ID: 3-0028618					
SUNOCO	1030 BROADWAY ST.	NW 1/2 - 1 (0.974 mi.)	148	425	
Facility ID: 3-1707					
MOBIL STATION #01-13	1056 BROADWAY	NW 1/2 - 1 (0.980 mi.)	149	425	
Facility ID: 3-3232					
WENDYS HAMBURGERS	575 BROADWAY	W 1/2 - 1 (0.987 mi.)	AU151	427	
Facility ID: 3-0001500					
WENDY'S HAMBURGERS	575 BROADWAY	W 1/2 - 1 (0.987 mi.)	AU152	427	

## EXECUTIVE SUMMARY

Facility ID: 3-1500				
Facility ID: 3-0001500				
FMR OLD COLONY GAS S Facility ID: 3-0010091	12 SQUIRE RD	NW 1/2 - 1 (0.991 mi.)	AW157	434
OLD COLONY GASOLINE Facility ID: 3-0010091	12 SQUIRE RD	NW 1/2 - 1 (0.991 mi.)	AW159	448
<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction / Distance</u></b>	<b><u>Map ID</u></b>	<b><u>Page</u></b>
PROPOSED RUMNEY MARS Facility ID: 3-0025848	101 SCHOOL ST	W 1/2 - 1 (0.953 mi.)	AS144	416
BREWER PETROLEUM 42 Facility ID: 3-0024574	271 LEE BURBANK HWY	SW 1/2 - 1 (0.991 mi.)	AV154	432
BREWER PETROLEUM 42 Facility ID: 3-0024574	271 LEE BURBANK HWY	SW 1/2 - 1 (0.991 mi.)	AV155	432
NO LOCATION AID Facility ID: 3-0022793	529 BROADWAY	W 1/2 - 1 (0.996 mi.)	AX161	451

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

A review of the RGA LUST list, as provided by EDR, has revealed that there are 4 RGA LUST sites within approximately 0.5 miles of the target property.

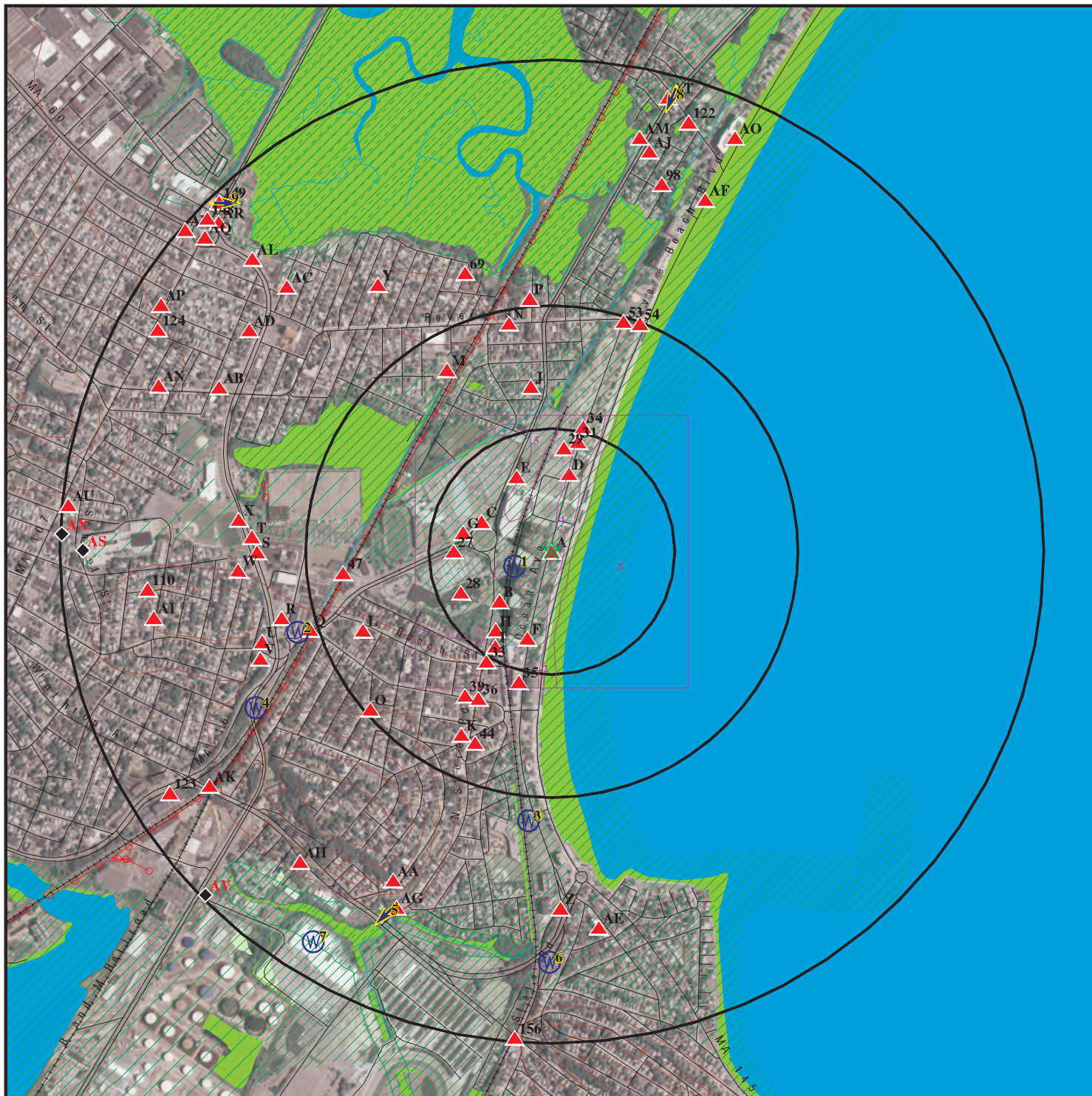
<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction / Distance</u></b>	<b><u>Map ID</u></b>	<b><u>Page</u></b>
GASOLINE STATION (FM) Facility ID: 3-0003487	1300 NORTH SHORE RD	NNW 1/8 - 1/4 (0.168 mi.)	E11	34
GASOLINE STATION FMR Facility ID: 3-0003487	1300 NORTH SHORE RD	NNW 1/8 - 1/4 (0.168 mi.)	E12	34
PARKING LOT Facility ID: 3-0012840	191 VFW PWY	W 1/8 - 1/4 (0.199 mi.)	27	64
NO LOCATION AID Facility ID: 3-0023984	53 SUMNER ST	SW 1/4 - 1/2 (0.489 mi.)	O52	131

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 18 records.

<u>Site Name</u>	<u>Database(s)</u>
VACANT LAND	SHWS, BROWNFIELDS, RELEASE
ABOVE COPELAND CIRCLE	SHWS, RELEASE
POLE NUMBER 563	SHWS, RELEASE
JUNKYARD	SHWS, INST CONTROL, RELEASE
UTILITY POLE 2284	SHWS, RELEASE
INTERVALE ST	SHWS, RELEASE
POLE NUMBER #3290	SHWS, RELEASE
BETWEEN BEACHLAND AVE AND AGAWAM S	SHWS, RELEASE
UTILITY POLE NO 3053 RTE 1A	SHWS, RELEASE
NO LOCATION AID	SHWS, RELEASE
ADJACENT SUFFOLK DOWNS	SHWS, INST CONTROL, RELEASE
ADJACENT TO SUFFOLK DOWNS	SHWS, INST CONTROL, RELEASE
UTILITY POLENO 1486	SHWS, RELEASE
ELECTRICAL TRANSFORMER PAD NO. 3	SHWS, RELEASE
NO LOCATION AID	SHWS, RELEASE
POLE #66	SHWS, RELEASE
NO LOCATION AID	SHWS, RELEASE
FMR REVERE BEACH BATHHOUSE	LUST, RELEASE

# OVERVIEW MAP - 04902327.2R



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ☒ National Priority List Sites
- ☒ Dept. Defense Sites

- ☒ Indian Reservations BIA
- ⚡ Power transmission lines
- ☒ 100-year flood zone
- ☒ 500-year flood zone
- ☒ National Wetland Inventory
- ☒ State Wetlands
- ☒ Areas of Critical Environmental Concern



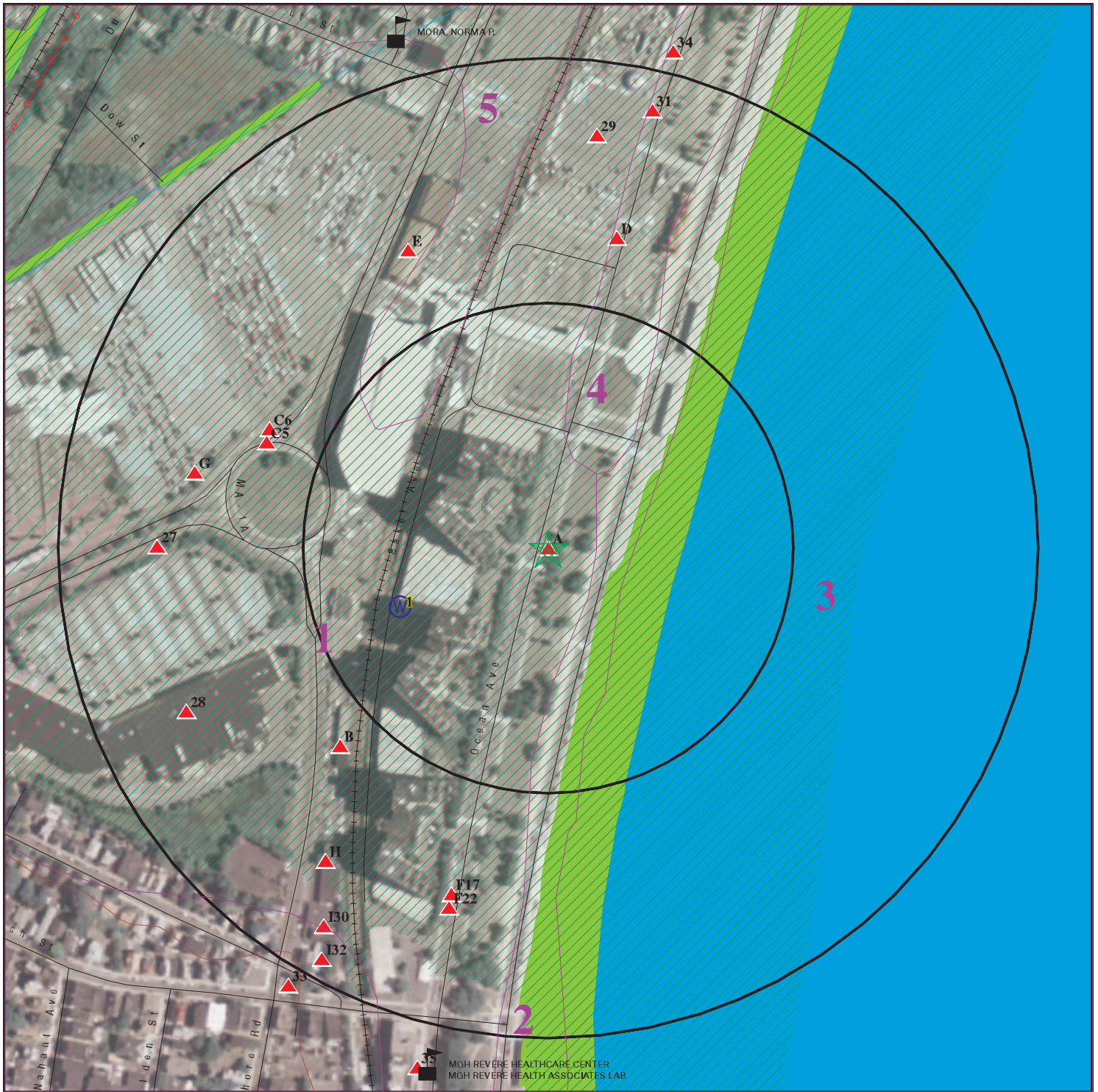
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: MBTA Wonderland Station Parking Lot  
 ADDRESS: 400 Ocean Avenue  
 Revere MA 02151  
 LAT/LONG: 42.411919 / 70.990795

CLIENT: EBI Consulting  
 CONTACT: Production Manager  
 INQUIRY #: 04902327.2r  
 DATE: April 10, 2017 12:03 pm



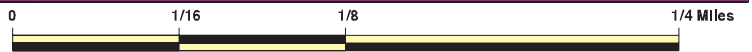
# DETAIL MAP - 04902327.2R



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚡ Manufactured Gas Plants
- ⚠ Sensitive Receptors
- 🚧 National Priority List Sites
- 🏢 Dept. Defense Sites

- 🏠 Indian Reservations BIA
- ⚡ Power transmission lines
- 🌊 100-year flood zone
- 🌊 500-year flood zone
- 🌿 National Wetland Inventory
- 🌿 State Wetlands

- 🌊 Areas of Critical Environmental Concern



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

SITE NAME: MBTA Wonderland Station Parking Lot  
 ADDRESS: 400 Ocean Avenue  
 Revere MA 02151  
 LAT/LONG: 42.411919 / 70.990795

CLIENT: EBI Consulting  
 CONTACT: Production Manager  
 INQUIRY #: 04902327.2r  
 DATE: April 10, 2017 12:06 pm

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.125		0	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000	1	0	8	11	46	NR	66
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LAST	0.500		0	0	1	NR	NR	1
LUST	0.500		0	3	2	NR	NR	5
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		0	2	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
INST CONTROL	0.500		0	1	1	NR	NR	2
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	2	3	NR	NR	5
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
RELEASE	TP	1	NR	NR	NR	NR	NR	1
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	TP		NR	NR	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
ENF	TP	1	NR	NR	NR	NR	NR	1
Financial Assurance	TP		NR	NR	NR	NR	NR	0
GWDP	TP		NR	NR	NR	NR	NR	0
HW GEN	0.250		0	4	NR	NR	NR	4
LEAD	TP		NR	NR	NR	NR	NR	0
MERCURY	0.500		0	0	0	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
TSD	0.500		0	0	0	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	TP		NR	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.250		0	3	NR	NR	NR	3
EDR Hist Cleaner	0.250		0	1	NR	NR	NR	1

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA HWS	1.000	1	0	7	6	61	NR	75
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## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
RGA LUST	0.500		0	3	1	NR	NR	4
- Totals --		4	0	34	25	107	0	170

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A1**      **WONDERLAND MBTA STATION**  
**Target**    **OCEAN AVE**  
**Property**   **REVERE, MA 02151**

**SHWS**    **S103383678**  
**RELEASE**   **N/A**  
**ENF**

**Site 1 of 2 in cluster A**

**Actual:**  
**9 ft.**

**SHWS:**  
Release Tracking Number/Current Status: 3-0021276 / RAO  
Release Town: REVERE  
Notification Date: 11/29/2001  
Category: 120 DY  
Associated ID: Not reported  
**Current Status:**                      **Response Action Outcome**  
Status Date: 08/12/2008  
Phase: PHASE II  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
  
Oil Or Haz Material: Hazardous Material  
Location Type: STATE  
Source: UNKNOWN

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**  
Chemical: BENZO[B]FLUORANTHENE  
Quantity: 5.5 milligrams per kilogram  
Chemical: PAH  
Quantity: Not reported  
Chemical: BENZO[A]ANTHRACENE  
Quantity: 7.5 milligrams per kilogram  
Chemical: BENZO[A]PYRENE  
Quantity: 5.1 milligrams per kilogram

**Actions:**  
Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 10/18/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.  
  
Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 11/29/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.  
  
Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/29/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.  
  
Action Type: Compliance and Enforcement Action  
Action Status: RTCLET  
Action Date: 12/18/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WONDERLAND MBTA STATION (Continued)**

**S103383678**

Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	12/26/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/31/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Enforcement Conference
Action Date:	3/19/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	3/8/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	4/8/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	5/14/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	ACOP
Action Date:	5/29/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	7/16/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	7/16/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	7/16/2003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WONDERLAND MBTA STATION (Continued)**

**S103383678**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/16/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Revised Statement or Transmittal Received  
Action Date: 8/12/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/12/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 8/20/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 8/21/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number/Current Status: 3-0017001 / RAO  
Release Town: REVERE  
Notification Date: 07/03/1998  
Category: TWO HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 08/07/1998  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Oil Or Haz Material: Oil  
Location Type: COMMERCIAL  
Location Type: OPENSOURCE  
Source: VEHICLE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: DIESEL FUEL  
Quantity: 20 gallons  
Actions:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WONDERLAND MBTA STATION (Continued)**

**S103383678**

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/3/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 7/3/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 8/10/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/7/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/7/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status: 3-0017001 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 07/03/1998  
Category: TWO HR  
Status Date: 08/07/1998  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/3/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 7/3/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WONDERLAND MBTA STATION (Continued)**

**S103383678**

to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/10/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/7/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/7/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
Chemical: DIESEL FUEL  
Quantity: 20 gallons  
Location Type: COMMERCIAL  
Location Type: OPENSOURCE  
Source: VEHICLE

Release Tracking Number/Current Status: 3-0021276 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 11/29/2001  
Category: 120 DY  
Status Date: 08/12/2008  
Phase: PHASE II  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:  
Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 10/18/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.  
  
Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 11/29/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.  
  
Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/29/2001



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WONDERLAND MBTA STATION (Continued)**

**S103383678**

Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	RTCLET
Action Date:	12/18/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	12/26/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/31/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Enforcement Conference
Action Date:	3/19/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	3/8/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	4/8/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	5/14/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	ACOP
Action Date:	5/29/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	7/16/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WONDERLAND MBTA STATION (Continued)**

**S103383678**

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 7/16/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 7/16/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/16/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Revised Statement or Transmittal Received  
Action Date: 8/12/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/12/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 8/20/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 8/21/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: BENZO[B]FLUORANTHENE  
Quantity: 5.5 milligrams per kilogram  
Chemical: PAH  
Quantity: Not reported  
Chemical: BENZO[A]ANTHRACENE  
Quantity: 7.5 milligrams per kilogram  
Chemical: BENZO[A]PYRENE  
Quantity: 5.1 milligrams per kilogram  
Location Type: STATE  
Source: UNKNOWN

ENFORCEMENT:  
Region: NERO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WONDERLAND MBTA STATION (Continued)**

**S103383678**

DEP Region: NERO  
DEP Program: 3A  
DEP Bureau: BWSC  
Program: Not reported  
Program Id: 3-0021276  
High Or Low Level Enforcement: LLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 10/18/2007  
ENF #: NON-NE-07-3A138  
Document Type: NON  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Not reported  
Regional Comment: Not reported  
Final Payment Due Date: Not reported  
ACOP \$: Not reported  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: Commercially Owned

Region: NERO  
DEP Region: NERO  
DEP Program: 3A  
DEP Bureau: BWSC  
Program: Not reported  
Program Id: 3-0021276  
High Or Low Level Enforcement: HLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 05/29/2008  
ENF #: ACOP-NE-08-3A009  
Document Type: ACOP  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Not reported  
Regional Comment: Not reported  
Final Payment Due Date: 06/30/2008  
ACOP \$: 5000  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: 27000  
Ownership: Commercially Owned

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A2**      **WONDERLAND MBTA STATION**  
**Target**    **OCEAN AVE**  
**Property**   **REVERE, MA**

**RGA HWS**    **S115054973**  
                  **N/A**

**Site 2 of 2 in cluster A**

**Actual:**  
**9 ft.**

RGA HWS:

2012	WONDERLAND MBTA STATION	OCEAN AVE
2011	WONDERLAND MBTA STATION	OCEAN AVE
2010	WONDERLAND MBTA STATION	OCEAN AVE
2009	WONDERLAND MBTA STATION	OCEAN AVE
2008	WONDERLAND MBTA STATION	OCEAN AVE
2007	WONDERLAND MBTA STATION	OCEAN AVE
2006	WONDERLAND MBTA STATION	OCEAN AVE
2005	WONDERLAND MBTA STATION	OCEAN AVE
2004	WONDERLAND MBTA STATION	OCEAN AVE
2003	WONDERLAND MBTA STATION	OCEAN AVE
2002	WONDERLAND MBTA STATION	OCEAN AVE

**B3**  
**SW**  
**1/8-1/4**  
**0.146 mi.**  
**773 ft.**

**1420 N SHORE RD**  
**REVERE, MA 02151**

**EDR Hist Auto**    **1015225435**  
                          **N/A**

**Site 1 of 2 in cluster B**

**Relative:**  
**Higher**

EDR Historical Auto Stations:

**Actual:**  
**9 ft.**

Name:	JENDRIEL AUTO REPAIR
Year:	1999
Address:	1420 N SHORE RD
Name:	JENDRIEL AUTO REPAIR
Year:	2000
Address:	1420 N SHORE RD
Name:	SILVER AUTO REPAIR
Year:	2001
Address:	1420 N SHORE RD
Name:	SILVER AUTO REPAIR
Year:	2002
Address:	1420 N SHORE RD
Name:	SILVER AUTO REPAIR
Year:	2003
Address:	1420 N SHORE RD
Name:	MOTO TECH AUTO REPAIR
Year:	2004
Address:	1420 N SHORE RD
Name:	SILVER AUTO REPAIR
Year:	2005
Address:	1420 N SHORE RD
Name:	SILVER AUTO REPAIR
Year:	2006
Address:	1420 N SHORE RD
Name:	JENDRIEL AUTO REPAIR
Year:	2007

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**1015225435**

Address: 1420 N SHORE RD  
 Name: SILVER AUTO REPAIR  
 Year: 2008  
 Address: 1420 N SHORE RD  
 Name: MOTOR TECH AUTO REPAIR  
 Year: 2009  
 Address: 1420 N SHORE RD  
 Name: SILVER AUTO REPAIR  
 Year: 2010  
 Address: 1420 N SHORE RD  
 Name: SILVER AUTO REPAIR  
 Year: 2011  
 Address: 1420 N SHORE RD  
 Name: SILVER AUTO REPAIR  
 Year: 2012  
 Address: 1420 N SHORE RD

**B4**  
**SW**  
**1/8-1/4**  
**0.146 mi.**  
**773 ft.**

**LAJOYA AUTO SALES**  
**1420 NORTH SHORE RD**  
**REVERE, MA 02151**  
**Site 2 of 2 in cluster B**

**HW GEN S113410976**  
**N/A**

**Relative:**  
**Higher**

HW GEN:  
 EPA Id: MV7812843094  
 RCRA Generator Status: Not reported  
 State Generator Status: SQG-MA

**Actual:**  
**9 ft.**

**C5**  
**WNW**  
**1/8-1/4**  
**0.153 mi.**  
**810 ft.**

**WONDERLAND GREYHOUND PARK INC**  
**1399 NORTH SHORE RD**  
**REVERE, MA 02151**  
**Site 1 of 2 in cluster C**

**UST U000228844**  
**Financial Assurance N/A**  
**HW GEN**

**Relative:**  
**Higher**

UST:  
 Facility:  
 Facility ID: 14922  
 Owner Id: 7654  
 Owner: WONDERLAND GREYHOUND PARK INC  
 Owner Address: 190 VFW PARKWAY  
 Owner City,St,Zip: REVERE, MA 02151  
 Telephone: Not reported  
 Description: Non-Retail Motor Vehicle  
 Facility address 2: Not reported  
 Owner address 2: Not reported  
 Latitude: 42.41081  
 Longitude: -70.99314  
 Contact name: Not reported  
 Contact address1: Not reported  
 Contact address2: Not reported  
 Contact city: Not reported

**Actual:**  
**9 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

WONDERLAND GREYHOUND PARK INC (Continued)

U000228844

Contact state: Not reported  
Contact zip: Not reported  
Contact email: Not reported  
Update: 1997-10-15 00:00:00  
Update by: Not reported  
Fac status: CLOSED

Tank ID: 1  
**Tank Status: Tank Removed**  
Status Date: 02/06/1991  
Date Installed: 04/12/1951  
Capacity: 1000.00000  
Contents: Gasoline  
Tank Usage: Not reported  
Tank Leak Detection: Not reported  
Pipe Leak Detection: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Not reported  
Pipe construct: Not reported  
Ptype: Not reported  
Number of compartment: Not reported  
Pipe install date: Not reported  
Pipe leak install date: Not reported  
Submersible sump: N  
Submersible sump install date: Not reported  
Turbine sump: N  
Turbine sump sensor: N  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Not reported  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 2  
**Tank Status: Tank Removed**  
Status Date: 08/17/1995  
Date Installed: 04/11/1980  
Capacity: 3000.00000  
Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: Not reported  
Pipe Leak Detection: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Single-walled metal tank (cathodic protection required)  
Pipe construct: Single-walled metal (Corrosion protection required)  
Ptype: Not reported  
Number of compartment: Not reported  
Pipe install date: Not reported  
Pipe leak install date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WONDERLAND GREYHOUND PARK INC (Continued)**

**U000228844**

Submersible sump: N  
Submersible sump install date: Not reported  
Turbine sump: N  
Turbine sump sensor: N  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Not reported  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

MA Financial Assurance 2:

Facility Id: 14922  
Description: Truck/Transport  
Work Phone: (617) 284-1300

HW GEN:

EPA Id: MV7812843823  
RCRA Generator Status: VSQG  
State Generator Status: Not reported

**C6**  
**WNW**  
**1/8-1/4**  
**0.155 mi.**  
**816 ft.**

**DOG TRACK**  
**BUTLER CIR**  
**REVERE, MA 02151**

**SHWS** **S102085545**  
**RELEASE** **N/A**

**Site 2 of 2 in cluster C**

**Relative:**  
**Higher**

SHWS:

Release Tracking Number/Current Status: 3-0010985 / RAO  
Release Town: REVERE  
Notification Date: 05/10/1994  
Category: TWO HR  
Associated ID: Not reported

**Actual:**  
**9 ft.**

**Current Status:**

**Response Action Outcome**

Status Date: 03/15/1995  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil Or Haz Material: Oil  
Location Type: ROADWAY  
Source: VEHICLE

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: DIESEL FUEL  
Quantity: 40 gallons

Actions:

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 3/15/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DOG TRACK (Continued)**

**S102085545**

to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 3/15/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 5/10/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/10/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 5/10/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 5/10/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 5/20/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/25/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Partial RAO for this RTN  
Action Status: RAO Statement Received  
Action Date: 7/5/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/5/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: An activity type that is related to an Audit



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DOG TRACK (Continued)**

**S102085545**

Action Status: NOA  
Action Date: 8/18/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 8/30/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status: 3-0010985 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 05/10/1994  
Category: TWO HR  
Status Date: 03/15/1995  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 3/15/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 3/15/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 5/10/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/10/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 5/10/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DOG TRACK (Continued)**

**S102085545**

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 5/10/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 5/20/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/25/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Partial RAO for this RTN  
Action Status: RAO Statement Received  
Action Date: 7/5/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/5/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: An activity type that is related to an Audit  
Action Status: NOA  
Action Date: 8/18/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 8/30/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
Chemical: DIESEL FUEL  
Quantity: 40 gallons  
Location Type: ROADWAY  
Source: VEHICLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

D7  
NNE  
1/8-1/4  
0.159 mi.  
842 ft.

MDC REVERE BEACH YARD  
620 OCEAN AVE  
REVERE, MA 02151

Site 1 of 4 in cluster D

SHWS S102087493  
RELEASE N/A

Relative:  
Higher

SHWS:

Release Tracking Number/Current Status: 3-0013679 / RAO

Release Town: REVERE

Notification Date: 04/18/1996

Category: 120 DY

Associated ID: Not reported

**Current Status:** **Response Action Outcome**

Status Date: 03/06/1998

Phase: PHASE II

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil Or Haz Material: Oil

[Click here to access the MA DEP site for this facility:](#)

Actual:  
9 ft.

Chemicals:

Chemical: TPH

Quantity: 19000 milligrams per kilogram

Actions:

Action Type: Release Abatement Measure

Action Status: Written Plan Received

Action Date: 2/13/1997

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure

Action Status: Fee Received - FMCRA Use Only

Action Date: 2/18/1997

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO

Action Status: RAO Statement Received

Action Date: 3/6/1998

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure

Action Status: Completion Statement Received

Action Date: 3/6/1998

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 4/18/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF

Action Status: Reportable Release under MGL 21E

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MDC REVERE BEACH YARD (Continued)**

**S102087493**

Action Date: 4/18/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 4/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 4/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 4/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 4/30/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 7/2/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0013679 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 04/18/1996  
Category: 120 DY  
Status Date: 03/06/1998  
Phase: PHASE II  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 2/13/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MDC REVERE BEACH YARD (Continued)**

**S102087493**

Action Type:	Release Abatement Measure
Action Status:	Fee Received - FMCRA Use Only
Action Date:	2/18/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	3/6/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	3/6/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	4/18/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	4/18/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	4/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	4/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	4/30/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	7/2/1997

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MDC REVERE BEACH YARD (Continued)**

**S102087493**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical: TPH

Quantity: 19000 milligrams per kilogram

**D8**  
**NNE**  
**1/8-1/4**  
**0.159 mi.**  
**842 ft.**

**PARCEL H**  
**620 OCEAN AVENUE**  
**REVERE, MA 02151**  
**Site 2 of 4 in cluster D**

**US BROWNFIELDS** **1014725826**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**9 ft.**

US BROWNFIELDS:

Recipient name: Revere, City of

Grant type: Assessment

Property name: PARCEL H

Property #: Not reported

Parcel size: 2.25

Property Description: Not reported

Latitude: 42.4158165

Longitude: -70.9893922

HCM label: Address Matching-House Number

Map scale: Not reported

Point of reference: Entrance Point of a Facility or Station

Datum: North American Datum of 1983

ACRES property ID: 107821

Start date: Not reported

Completed date: Not reported

Acres cleaned up: Not reported

Cleanup funding: Not reported

Cleanup funding source: Not reported

Assessment funding: 15000

Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement

Redevelopment funding: Not reported

Redev. funding source: Not reported

Redev. funding entity name: Not reported

Redevelopment start date: Not reported

Assessment funding entity: EPA

Cleanup funding entity: Not reported

Grant type: Hazardous

Accomplishment type: Phase II Environmental Assessment

Accomplishment count: 0

Cooperative agreement #: 97164101

Ownership entity: Not reported

Current owner: Not reported

Did owner change: Not reported

Cleanup required: Unknown

Video available: No

Photo available: No

Institutional controls required: N

IC Category proprietary controls: Not reported

IC cat. info. devices: Not reported

IC cat. gov. controls: Not reported

IC cat. enforcement permit tools: Not reported

IC in place date: Not reported

IC in place: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PARCEL H (Continued)**

**1014725826**

State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contaminants found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	0
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PARCEL H (Continued)**

**1014725826**

SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Highlights:	Not reported
IC Data Address:	Not reported
Redev Completition Date:	Not reported
# Below Poverty:	875
% Below Poverty:	4.7%
# Low Income:	1885
% Low Income:	2.2%
Meidan Income:	6223
# Unemployed:	259
% Unemployed:	15.8%
# Vacant Housing:	243
% Vacant Housing:	16.8%
Recipient name:	Revere, City of
Grant type:	Assessment
Property name:	PARCEL H
Property #:	Not reported
Parcel size:	2.25
Property Description:	Not reported
Latitude:	42.4158165
Longitude:	-70.9893922
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Entrance Point of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	107821
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	3500
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PARCEL H (Continued)**

**1014725826**

Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	Hazardous
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	97164101
Ownership entity:	Not reported
Current owner:	Not reported
Did owner change:	Not reported
Cleanup required:	Unknown
Video available:	No
Photo available:	No
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PARCEL H (Continued)**

**1014725826**

Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Highlights:	Not reported
IC Data Address:	Not reported
Redev Completion Date:	Not reported
# Below Poverty:	875
% Below Poverty:	4.7%
# Low Income:	1885
% Low Income:	2.2%
Meidan Income:	6223
# Unemployed:	259
% Unemployed:	15.8%
# Vacant Housing:	243
% Vacant Housing:	16.8%

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**D9**            **MDC REVERE BEACH YARD**  
**NNE**           **620 OCEAN AVE**  
**1/8-1/4**        **REVERE, MA**  
**0.159 mi.**  
**842 ft.**        **Site 3 of 4 in cluster D**

**RGA HWS**    **S115029795**  
**N/A**

**Relative:**  
**Higher**

RGA HWS:

2012	MDC REVERE BEACH YARD	620 OCEAN AVE
2011	MDC REVERE BEACH YARD	620 OCEAN AVE
2010	MDC REVERE BEACH YARD	620 OCEAN AVE
2009	MDC REVERE BEACH YARD	620 OCEAN AVE
2008	MDC REVERE BEACH YARD	620 OCEAN AVE
2007	MDC REVERE BEACH YARD	620 OCEAN AVE
2006	MDC REVERE BEACH YARD	620 OCEAN AVE
2005	MDC REVERE BEACH YARD	620 OCEAN AVE
2004	MDC REVERE BEACH YARD	620 OCEAN AVE
2003	MDC REVERE BEACH YARD	620 OCEAN AVE
2002	MDC REVERE BEACH YARD	620 OCEAN AVE
2001	MDC REVERE BEACH YARD	620 OCEAN AVE
2000	MDC REVERE BEACH YARD	620 OCEAN AVE
1999	MDC REVERE BEACH YARD	620 OCEAN AVE
1998	MDC REVERE BEACH YARD	620 OCEAN AVE
1997	MDC REVERE BEACH YARD	620 OCEAN AVE

**Actual:**  
**9 ft.**

**D10**            **DCR LOT**  
**NNE**           **622 OCEAN AVENUE**  
**1/8-1/4**        **REVERE, MA 02151**  
**0.162 mi.**  
**856 ft.**        **Site 4 of 4 in cluster D**

**US BROWNFIELDS**    **1012305665**  
**N/A**

**Relative:**  
**Higher**

US BROWNFIELDS:

Recipient name:	Revere, City of
Grant type:	Assessment
Property name:	DCR LOT
Property #:	Not reported
Parcel size:	2
Property Description:	The Site is a parking area for the Wonderland T stop and was once used as an amusement park area. In addition, cottages & private residences were once located on the subject Site.
Latitude:	42.4158311
Longitude:	-70.9893623
HCM label:	Not reported
Map scale:	Not reported
Point of reference:	Not reported
Datum:	Not reported
ACRES property ID:	107823
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	3500
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	Hazardous

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DCR LOT (Continued)

1012305665

Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	97164101
Ownership entity:	Not reported
Current owner:	State
Did owner change:	N
Cleanup required:	Unknown
Video available:	No
Photo available:	No
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	0
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DCR LOT (Continued)**

**1012305665**

Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Highlights:	Not reported
IC Data Address:	Not reported
Redev Completion Date:	Not reported
# Below Poverty:	849
% Below Poverty:	4.6%
# Low Income:	1812
% Low Income:	2.2%
Meidan Income:	7257
# Unemployed:	232
% Unemployed:	17.0%
# Vacant Housing:	245
% Vacant Housing:	16.1%



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GASOLINE STATION FMR (Continued)**

**S105199649**

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: UNKNOWN  
Quantity: Not reported

Actions:

Action Type: TREGS  
Action Status: LSPFA  
Action Date: 1/13/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/13/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 1/15/1991  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 1/20/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 1/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 1/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GASOLINE STATION FMR (Continued)**

**S105199649**

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/7/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 1/7/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 11/14/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 11/5/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 11/6/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 12/4/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 12/6/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 2/21/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GASOLINE STATION FMR (Continued)**

**S105199649**

Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/1/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	3/3/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	3/7/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Activity and Use Limitation
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/2/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	5/10/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	RLFA
Action Status:	FLDRAN
Action Date:	5/10/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	5/10/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	5/16/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GASOLINE STATION FMR (Continued)**

**S105199649**

Action Date: 5/18/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Level II - Audit Inspection  
Action Date: 5/6/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 6/14/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

**LUST:**

**Facility:**

Release Tracking Number/Current Status: 3-0003487 / RAO  
Status Date: 05/10/1999  
Source Type: UST  
Release Town: REVERE  
Notification Date: 01/15/1991  
Category: NONE  
Associated ID: Not reported  
Phase: PHASE III  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.  
Oil Or Haz Material: Not reported

Location Type: COMMERCIAL  
Location Type: FORMER  
Location Type: GASSTATION  
Source: UST  
Source: UNKNOWN

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: UNKNOWN  
Quantity: Not reported

**Actions:**

Action Type: TREGS  
Action Status: LSPFA  
Action Date: 1/13/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GASOLINE STATION FMR (Continued)**

**S105199649**

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/13/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 1/15/1991  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 1/20/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 1/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 1/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/7/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 1/7/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GASOLINE STATION FMR (Continued)**

**S105199649**

Action Status: Status or Interim Report Received  
Action Date: 11/14/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 11/5/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 11/6/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 12/4/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 12/6/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 2/21/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/1/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 3/3/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GASOLINE STATION FMR (Continued)**

**S105199649**

Action Date: 3/7/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 4/2/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 5/10/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 5/10/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 5/10/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 5/16/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 5/18/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Level II - Audit Inspection  
Action Date: 5/6/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 6/14/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GASOLINE STATION FMR (Continued)**

**S105199649**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

**INST CONTROL:**

Release Tracking Number: 3-0003487  
Action Type: AUL  
Action Stat: RECPT  
Action Date: 04/02/1999  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number: 3-0003487  
Action Type: AUL  
Action Stat: SNAUDI  
Action Date: 05/06/2010  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

**Release:**

Release Tracking Number/Current Status: 3-0003487 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 01/15/1991  
Category: NONE  
Status Date: 05/10/1999  
Phase: PHASE III  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.  
Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

**Actions:**

Action Type: TREGS  
Action Status: LSPFA  
Action Date: 1/13/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/13/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 1/15/1991  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GASOLINE STATION FMR (Continued)**

**S105199649**

reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 1/20/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 1/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 1/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/7/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 1/7/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 11/14/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 11/5/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GASOLINE STATION FMR (Continued)**

**S105199649**

been implemented.

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 11/6/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 12/4/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 12/6/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 2/21/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/1/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 3/3/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 3/7/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 4/2/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GASOLINE STATION FMR (Continued)**

**S105199649**

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 5/10/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 5/10/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 5/10/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 5/16/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 5/18/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Level II - Audit Inspection  
Action Date: 5/6/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 6/14/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Chemicals:  
Chemical: UNKNOWN  
Quantity: Not reported  
Location Type: COMMERCIAL  
Location Type: FORMER  
Location Type: GASSTATION  
Source: UST  
Source: UNKNOWN

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
E14 NNW 1/8-1/4 0.168 mi. 887 ft.	<b>GASOLINE STATION FMR</b> 1300 NORTH SHORE RD REVERE, MA  Site 4 of 6 in cluster E	RGA HWS	S115023144 N/A
Relative: Higher	RGA HWS: 2012 GASOLINE STATION FMR 1300 NORTH SHORE RD 2011 GASOLINE STATION FMR 1300 NORTH SHORE RD		
Actual: 9 ft.			
E15 NNW 1/8-1/4 0.168 mi. 887 ft.	<b>GASOLINE STATION (FMR)</b> 1300 NORTH SHORE RD REVERE, MA  Site 5 of 6 in cluster E	RGA HWS	S115023085 N/A
Relative: Higher	RGA HWS: 1995 GASOLINE STATION (FMR) 1300 NORTH SHORE RD 1994 GASOLINE STATION (FMR) 1300 NORTH SHORE RD		
Actual: 9 ft.			
E16 NNW 1/8-1/4 0.168 mi. 887 ft.	<b>FMR GAS STATION</b> 1300 NORTH SHORE DR. REVERE, MA  Site 6 of 6 in cluster E	RGA HWS	S115021238 N/A
Relative: Higher	RGA HWS: 1993 FMR GAS STATION 1300 NORTH SHORE DR. 1992 FMR GAS STATION 1300 NORTH SHORE DR. 1991 FMR GAS STATION 1300 NORTH SHORE DR.		
Actual: 9 ft.			
F17 SSW 1/8-1/4 0.183 mi. 968 ft.	<b>370 OCEAN AVE</b> REVERE, MA 02151  Site 1 of 2 in cluster F	EDR Hist Cleaner	1015050407 N/A
Relative: Higher	EDR Historical Cleaners: Name: SEASIDE DRY CLEANERS Year: 2005 Address: 370 OCEAN AVE		
Actual: 9 ft.			
G18 WNW 1/8-1/4 0.184 mi. 973 ft.	<b>WONDERLAND INDUSTRIAL SUBSTATION</b> 190 VFW PARKWAY REVERE, MA 02151  Site 1 of 4 in cluster G	SHWS RELEASE	S112288320 N/A
Relative: Higher	SHWS: Release Tracking Number/Current Status: 3-0031133 / RAO Release Town: REVERE Notification Date: 10/01/2012 Category: TWO HR Associated ID: Not reported Current Status: Response Action Outcome		
Actual: 9 ft.			

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WONDERLAND INDUSTRIAL SUBSTATION (Continued)**

**S112288320**

Status Date: 10/01/2013  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Not reported  
Location Type: COMMERCIAL  
Source: TRANSFORM  
Source: 2X23KV  
Source: TRANSFMRS

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: MINERAL OIL DIELECTRIC FLUID  
Quantity: 1000 gallons  
Chemical: NON-PCB MINERAL OIL DIELECTRIC FLUID  
Quantity: 1000 gallons

**Actions:**

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/14/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/29/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/30/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/1/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDD1U  
Action Date: 10/1/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/1/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WONDERLAND INDUSTRIAL SUBSTATION (Continued)**

**S112288320**

Action Status:	FLDISS
Action Date:	10/1/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	10/1/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	10/1/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	10/10/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	10/12/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	10/15/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDRAN
Action Date:	10/2/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	10/25/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	10/3/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of a Modified Plan
Action Date:	10/9/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WONDERLAND INDUSTRIAL SUBSTATION (Continued)**

**S112288320**

reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 10/9/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 11/19/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 11/30/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/30/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 11/30/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 11/5/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Approval of Plan  
Action Date: 12/18/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/27/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 3/21/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WONDERLAND INDUSTRIAL SUBSTATION (Continued)**

**S112288320**

Action Status: Completion Statement Received  
Action Date: 4/22/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 8/6/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0031133 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 10/01/2012  
Category: TWO HR  
Status Date: 10/01/2013  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Not reported

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/14/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/29/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/30/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/1/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDD1U  
Action Date: 10/1/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WONDERLAND INDUSTRIAL SUBSTATION (Continued)**

**S112288320**

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	10/1/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	FLDISS
Action Date:	10/1/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	10/1/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	10/1/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	10/10/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	10/12/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	10/15/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDRAN
Action Date:	10/2/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	10/25/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	10/3/2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WONDERLAND INDUSTRIAL SUBSTATION (Continued)**

**S112288320**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of a Modified Plan  
Action Date: 10/9/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 10/9/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 11/19/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 11/30/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/30/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 11/30/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 11/5/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Approval of Plan  
Action Date: 12/18/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/27/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WONDERLAND INDUSTRIAL SUBSTATION (Continued)**

**S112288320**

Action Type: Response Action Outcome - RAO  
 Action Status: Level I - Technical Screen Audit  
 Action Date: 3/21/2014  
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
 Action Status: Completion Statement Received  
 Action Date: 4/22/2013  
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
 Action Status: ALSENT  
 Action Date: 8/6/2013  
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
 Chemical: MINERAL OIL DIELECTRIC FLUID  
 Quantity: 1000 gallons  
 Chemical: NON-PCB MINERAL OIL DIELECTRIC FLUID  
 Quantity: 1000 gallons  
 Location Type: COMMERCIAL  
 Source: TRANSFORM  
 Source: 2X23KV  
 Source: TRANSFMRS

**G19**  
**WNW**  
 1/8-1/4  
 0.184 mi.  
 973 ft.

**190 VFW PARKWAY**  
**190 VFW PKWY**  
**REVERE, MA**  
 Site 2 of 4 in cluster G

**RGA HWS** **S115009999**  
**N/A**

**Relative:**  
**Higher**

RGA HWS:  
 2012 190 VFW PARKWAY 190 VFW PKWY  
 2012 190 VFW PARKWAY 190 VFW PKWY

**Actual:**  
**9 ft.**

**G20**  
**WNW**  
 1/8-1/4  
 0.184 mi.  
 973 ft.

**190 VFW PARKWAY**  
**190 VFW PKWY**  
**REVERE, MA 02151**  
 Site 3 of 4 in cluster G

**SHWS** **S111739422**  
**RELEASE** **N/A**

**Relative:**  
**Higher**

SHWS:  
 Release Tracking Number/Current Status: 3-0030721 / TIER1D  
 Release Town: REVERE  
 Notification Date: 03/15/2012  
 Category: 120 DY  
 Associated ID: Not reported  
**Current Status: Tier 1D, a release where the responsible party fails to provide a required submittal to DEP by a specified deadline.**

**Actual:**  
**9 ft.**

Status Date: 03/22/2013  
 Phase: Not reported  
 Response Action Outcome: -  
 Oil Or Haz Material: Hazardous Material

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

190 VFW PARKWAY (Continued)

S111739422

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: FLUORENE  
Quantity: 48.7 micrograms per liter

Actions:

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/15/2012  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/15/2012  
Response Action Outcome: Not reported

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/15/2012  
Response Action Outcome: Not reported

Release Tracking Number/Current Status: 3-0030722 / TIER1D

Release Town: REVERE  
Notification Date: 03/15/2012  
Category: 120 DY  
Associated ID: Not reported

**Current Status: Tier 1D, a release where the responsible party fails to provide a required submittal to DEP by a specified deadline.**

Status Date: 03/22/2013  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: LEAD  
Quantity: 2000 milligrams per kilogram

Actions:

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/15/2012  
Response Action Outcome: Not reported

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/15/2012  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**190 VFW PARKWAY (Continued)**

**S111739422**

Action Date: 3/15/2012  
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0030721 / TIER1D  
Primary ID: Not reported  
Official City: REVERE  
Notification: 03/15/2012  
Category: 120 DY  
Status Date: 03/22/2013  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/15/2012  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/15/2012  
Response Action Outcome: Not reported

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/15/2012  
Response Action Outcome: Not reported

Chemicals:

Chemical: FLUORENE  
Quantity: 48.7 micrograms per liter

Release Tracking Number/Current Status: 3-0030722 / TIER1D  
Primary ID: Not reported  
Official City: REVERE  
Notification: 03/15/2012  
Category: 120 DY  
Status Date: 03/22/2013  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/15/2012  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

190 VFW PARKWAY (Continued)

S111739422

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/15/2012  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/15/2012  
Response Action Outcome: Not reported

Chemicals:  
Chemical: LEAD  
Quantity: 2000 milligrams per kilogram

G21  
WNW  
1/8-1/4  
0.184 mi.  
973 ft.

FORMER WONDERLAND GREYHOUND PARK  
190 VFW PARKWAY  
REVERE, MA 02151

SHWS S112288329  
RELEASE N/A

Site 4 of 4 in cluster G

Relative:  
Higher

SHWS:

Release Tracking Number/Current Status: 3-0031155 / RAO  
Release Town: REVERE  
Notification Date: 10/10/2012  
Category: TWO HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 08/08/2013  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Actual:  
9 ft.

Oil Or Haz Material: Oil and Hazardous Material  
Location Type: COMMERCIAL  
Source: TRANSFMRS  
Source: TWELVE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: INDENO(1,2,3-CD)PYRENE  
Quantity: 23.7 milligrams per kilogram  
Chemical: BENZO[A]PYRENE  
Quantity: 36.9 milligrams per kilogram  
Chemical: C19 THRU C36 ALIPHATIC HYDROCARBONS  
Quantity: 29600 milligrams per kilogram  
Chemical: MODF  
Quantity: 330 gallons  
Chemical: PCB OIL  
Quantity: 1100000 milligrams per kilogram  
Chemical: BENZO[B]FLUORANTHENE  
Quantity: 31.2 milligrams per kilogram  
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS  
Quantity: 17600 milligrams per kilogram  
Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS  
Quantity: 12800 milligrams per kilogram  
Chemical: BENZO[A]ANTHRACENE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER WONDERLAND GREYHOUND PARK (Continued)**

**S112288329**

Quantity: 37.4 milligrams per kilogram

Chemical: PHENANTHRENE

Quantity: 86.9 milligrams per kilogram

**Actions:**

Action Type: Immediate Response Action

Action Status: Written Approval of Plan

Action Date: 1/4/2013

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

Action Status: FLDRAN

Action Date: 1/7/2013

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 10/10/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Action Status: Oral Approval of Plan or Action

Action Date: 10/25/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF

Action Status: Reportable Release under MGL 21E

Action Date: 12/11/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE

Action Status: Transmittal, Notice, or Notification Received

Action Date: 12/11/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Action Status: Written Plan Received

Action Date: 12/14/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)

Action Date: 12/6/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

Action Status: FLDRAN

Action Date: 12/7/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER WONDERLAND GREYHOUND PARK (Continued)**

**S112288329**

Action Type: Immediate Response Action  
Action Status: Oral Approval of a Modified Plan  
Action Date: 12/7/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 2/15/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 2/7/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 3/19/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 5/28/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 8/12/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/8/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 8/8/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

**Release:**

Release Tracking Number/Current Status: 3-0031155 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 10/10/2012  
Category: TWO HR  
Status Date: 08/08/2013  
Phase: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER WONDERLAND GREYHOUND PARK (Continued)**

**S112288329**

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Immediate Response Action  
Action Status: Written Approval of Plan  
Action Date: 1/4/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 1/7/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/10/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/25/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/11/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 12/11/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 12/14/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 12/6/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDRAN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER WONDERLAND GREYHOUND PARK (Continued)**

**S112288329**

Action Date: 12/7/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of a Modified Plan  
Action Date: 12/7/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 2/15/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 2/7/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 3/19/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 5/28/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 8/12/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/8/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 8/8/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: INDENO(1,2,3-CD)PYRENE  
Quantity: 23.7 milligrams per kilogram  
Chemical: BENZO[A]PYRENE  
Quantity: 36.9 milligrams per kilogram



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FORMER WONDERLAND GREYHOUND PARK (Continued)**

**S112288329**

Chemical:	C19 THRU C36 ALIPHATIC HYDROCARBONS
Quantity:	29600 milligrams per kilogram
Chemical:	MODF
Quantity:	330 gallons
Chemical:	PCB OIL
Quantity:	1100000 milligrams per kilogram
Chemical:	BENZO[B]FLUORANTHENE
Quantity:	31.2 milligrams per kilogram
Chemical:	C11 THRU C22 AROMATIC HYDROCARBONS
Quantity:	17600 milligrams per kilogram
Chemical:	C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity:	12800 milligrams per kilogram
Chemical:	BENZO[A]ANTHRACENE
Quantity:	37.4 milligrams per kilogram
Chemical:	PHENANTHRENE
Quantity:	86.9 milligrams per kilogram
Location Type:	COMMERCIAL
Source:	TRANSFMRS
Source:	TWELVE

**F22**  
**SSW**  
**1/8-1/4**  
**0.190 mi.**  
**1004 ft.**

**WATERS EDGE LIMITED PARTNERSHIP**  
**364 OCEAN AVE**  
**REVERE, MA 02151**

**UST**    **U003302792**  
**Financial Assurance**    **N/A**

**Site 2 of 2 in cluster F**

**Relative:**  
**Higher**

UST:

**Actual:**  
**9 ft.**

Facility:

Facility ID:	54727
Owner Id:	60544
Owner:	WATERS EDGE LIMITED PARTNERS
Owner Address:	364 OCEAN AVE
Owner City,St,Zip:	REVERE, MA 02151
Telephone:	Not reported
Description:	Not reported
Facility address 2:	Not reported
Owner address 2:	Not reported
Latitude:	42.40936
Longitude:	-70.99175
Contact name:	Not reported
Contact address1:	Not reported
Contact address2:	Not reported
Contact city:	Not reported
Contact state:	Not reported
Contact zip:	Not reported
Contact email:	Not reported
Update:	2011-05-10 00:00:00
Update by:	Not reported
Fac status:	CLOSED

Tank ID:	Not reported
<b>Tank Status:</b>	<b>Not reported</b>
Status Date:	Not reported
Date Installed:	Not reported
Capacity:	Not reported
Contents:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WATERS EDGE LIMITED PARTNERSHIP (Continued)**

**U003302792**

Tank Usage: Not reported  
 Tank Leak Detection: Not reported  
 Pipe Leak Detection: Not reported  
 Latitude: Not reported  
 Longitude: Not reported  
 Tank construct: Not reported  
 Pipe construct: Not reported  
 Ptype: Not reported  
 Number of compartment: Not reported  
 Pipe install date: Not reported  
 Pipe leak install date: Not reported  
 Submersible sump: Not reported  
 Submersible sump install date: Not reported  
 Turbine sump: Not reported  
 Turbine sump sensor: Not reported  
 Intermediate sump: Not reported  
 Intermediate sump sensor: Not reported  
 Spill bucket installed date: Not reported  
 Spill bucket sensor: Not reported  
 Overfill protect install: Not reported  
 Overfill protect type: Not reported  
 Automatic line leak detect: Not reported  
 Tank corrosion type: Not reported  
 Leak corrosion type: Not reported

MA Financial Assurance 2:

Facility Id: 54727  
 Description: Residential  
 Work Phone: 781-286-0606

**H23**  
**SW**  
 1/8-1/4  
 0.196 mi.  
 1034 ft.

**BOBS AUTO BODY**  
**1456 NORTH SHORE RD**  
**REVERE, MA 02151**  
  
**Site 1 of 4 in cluster H**

**HW GEN S117894808**  
**N/A**

**Relative:**  
**Higher**

HW GEN:  
 EPA Id: MV7812891300  
 RCRA Generator Status: VSQG  
 State Generator Status: Not reported

**Actual:**  
**9 ft.**

**H24**  
**SW**  
 1/8-1/4  
 0.196 mi.  
 1034 ft.

**MARTINS AUTO BODY**  
**1456A NORTH SHORE RD**  
**REVERE, MA**  
  
**Site 2 of 4 in cluster H**

**RGA HWS S115029081**  
**N/A**

**Relative:**  
**Higher**

RGA HWS:

2012	MARTINS AUTO BODY	1456A NORTH SHORE RD
2011	MARTINS AUTO BODY	1456A NORTH SHORE RD
2010	MARTINS AUTO BODY	1456A NORTH SHORE RD
2009	MARTINS AUTO BODY	1456A NORTH SHORE RD
2008	MARTINS AUTO BODY	1456A NORTH SHORE RD
2007	MARTINS AUTO BODY	1456A NORTH SHORE RD
2006	MARTINS AUTO BODY	1456A NORTH SHORE RD
2005	MARTINS AUTO BODY	1456A NORTH SHORE RD

**Actual:**  
**9 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MARTINS AUTO BODY (Continued)**

**S115029081**

2004	MARTINS AUTO BODY	1456A NORTH SHORE RD
2003	MARTINS AUTO BODY	1456A NORTH SHORE RD
2002	MARTINS AUTO BODY	1456A NORTH SHORE RD
2001	MARTINS AUTO BODY	1456A NORTH SHORE RD
2000	MARTINS AUTO BODY	1456A NORTH SHORE RD
1999	MARTINS AUTO BODY	1456A NORTH SHORE RD
1998	MARTINS AUTO BODY	1456A NORTH SHORE RD
1997	MARTINS AUTO BODY	1456A NORTH SHORE RD
1996	MARTINS AUTO BODY	1456A NORTH SHORE RD

**H25**  
**SW**  
 1/8-1/4  
 0.196 mi.  
 1034 ft.

**MARTINS AUTO BODY**  
**1456A NORTH SHORE RD.**  
**REVERE, MA**  
 Site 3 of 4 in cluster H

**RGA HWS S115029080**  
**N/A**

**Relative:**  
**Higher**

RGA HWS:

1995	MARTINS AUTO BODY	1456A NORTH SHORE RD.
1994	MARTINS AUTO BODY	1456A NORTH SHORE RD.
1993	MARTINS AUTO BODY	1456A NORTH SHORE RD.
1992	MARTINS AUTO BODY	1456A NORTH SHORE RD.
1991	MARTINS AUTO BODY	1456A NORTH SHORE RD.

**Actual:**  
**9 ft.**

**H26**  
**SW**  
 1/8-1/4  
 0.196 mi.  
 1034 ft.

**1456 N SHORE RD**  
**REVERE, MA 02151**  
 Site 4 of 4 in cluster H

**EDR Hist Auto 1015231079**  
**N/A**

**Relative:**  
**Higher**

EDR Historical Auto Stations:

Name: BOBS AUTO BODY  
 Year: 1999  
 Address: 1456 N SHORE RD

Name: BOBS AUTO BODY  
 Year: 2000  
 Address: 1456 N SHORE RD

Name: BOBS AUTO BODY  
 Year: 2001  
 Address: 1456 N SHORE RD

Name: ABC FOREIGN AUTO WERKS  
 Year: 2002  
 Address: 1456 N SHORE RD

Name: BOBS AUTO BODY  
 Year: 2003  
 Address: 1456 N SHORE RD

Name: BOBS AUTO BODY  
 Year: 2004  
 Address: 1456 N SHORE RD

Name: BOBS AUTO BODY  
 Year: 2005

**Actual:**  
**9 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**1015231079**

Address: 1456 N SHORE RD  
 Name: BOBS AUTO BODY  
 Year: 2006  
 Address: 1456 N SHORE RD  
 Name: BOBS AUTO BODY  
 Year: 2008  
 Address: 1456 N SHORE RD  
 Name: BOB BOLOGNESES AUTO BODY  
 Year: 2009  
 Address: 1456 N SHORE RD  
 Name: BOBS AUTO BODY  
 Year: 2010  
 Address: 1456 N SHORE RD  
 Name: BOBS AUTO BODY  
 Year: 2011  
 Address: 1456 N SHORE RD  
 Name: BOBS AUTO BODY  
 Year: 2012  
 Address: 1456 N SHORE RD

**27**  
**West**  
**1/8-1/4**  
**0.199 mi.**  
**1053 ft.**

**PARKING LOT**  
**191 VFW PWY**  
**REVERE, MA**

**RGA LUST S115005195**  
**N/A**

**Relative:**  
**Higher**

RGA LUST:  
 2002 PARKING LOT 191 VFW PWY  
 1996 PARKING LOT 191 VFW PWY

**Actual:**  
**9 ft.**

**28**  
**WSW**  
**1/8-1/4**  
**0.202 mi.**  
**1069 ft.**

**PARKING LOT**  
**191 VETERANS OF FOREIGN WARS PKWY**  
**REVERE, MA 02151**

**LUST S105809811**  
**RELEASE N/A**

**Relative:**  
**Higher**

LUST:  
 Facility:  
 Release Tracking Number/Current Status: 3-0012840 / RAO  
 Status Date: 10/26/1995  
 Source Type: UST  
 Release Town: REVERE  
 Notification Date: 08/23/1995  
 Category: 72 HR  
 Associated ID: Not reported  
 Phase: Not reported  
 Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**Actual:**  
**9 ft.**

Oil Or Haz Material: Oil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PARKING LOT (Continued)**

**S105809811**

Location Type: COMMERCIAL  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: #2 FUEL OIL  
Quantity: 170 parts per million  
Chemical: FUEL OIL  
Quantity: 110 parts per million

**Actions:**

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 10/16/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/26/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/26/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/23/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 8/23/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/23/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 8/25/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PARKING LOT (Continued)**

**S105809811**

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 9/12/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 9/27/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status: 3-0012840 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 08/23/1995  
Category: 72 HR  
Status Date: 10/26/1995  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 10/16/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/26/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/26/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/23/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 8/23/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PARKING LOT (Continued)**

**S105809811**

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/23/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 8/25/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 9/12/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 9/27/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
Chemical: #2 FUEL OIL  
Quantity: 170 parts per million  
Chemical: FUEL OIL  
Quantity: 110 parts per million  
Location Type: COMMERCIAL  
Source: UST

29  
North  
1/8-1/4  
0.212 mi.  
1120 ft.

**PARKING LOT**  
**646-660 OCEAN AVE**  
**REVERE, MA 02151**

**SHWS S112195303**  
**RELEASE N/A**

**Relative:**  
**Higher**

SHWS:  
Release Tracking Number/Current Status: 3-0031127 / RAO  
Release Town: REVERE  
Notification Date: 09/27/2012  
Category: 120 DY  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 10/25/2012  
Phase: Not reported  
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
Oil Or Haz Material: Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Chemicals:  
Chemical: 2-METHYLNAPHTHALENE  
Quantity: 2.8 milligrams per kilogram

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PARKING LOT (Continued)**

**S112195303**

Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS  
Quantity: 1200 milligrams per kilogram  
Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
Quantity: 530 milligrams per kilogram  
Chemical: NAPHTHALENE  
Quantity: 43 milligrams per kilogram

**Actions:**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 10/12/2012  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/25/2012  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 9/27/2012  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/27/2012  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/27/2012  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

**Release:**

Release Tracking Number/Current Status: 3-0031127 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 09/27/2012  
Category: 120 DY  
Status Date: 10/25/2012  
Phase: Not reported  
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 10/12/2012



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PARKING LOT (Continued)**

**S112195303**

Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/25/2012  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 9/27/2012  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/27/2012  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/27/2012  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Chemicals:  
Chemical: 2-METHYLNAPHTHALENE  
Quantity: 2.8 milligrams per kilogram  
Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS  
Quantity: 1200 milligrams per kilogram  
Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
Quantity: 530 milligrams per kilogram  
Chemical: NAPHTHALENE  
Quantity: 43 milligrams per kilogram

**I30**  
**SSW**  
**1/8-1/4**  
**0.224 mi.**  
**1184 ft.**

**FAMILY DOLLAR STORE 6927**  
**1470 NORTH SHORE RD**  
**REVERE, MA 02151**  
**Site 1 of 2 in cluster I**

**HW GEN S116687603**  
**N/A**

**Relative:**  
**Higher**

HW GEN:  
EPA Id: MV7814856863  
RCRA Generator Status: VSQG  
State Generator Status: Not reported

**Actual:**  
**10 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

31  
NNE  
1/8-1/4  
0.230 mi.  
1212 ft.

DCR MAINTANANCE YARD  
660 OCEAN AVENUE  
REVERE, MA 02151

SHWS  
LUST  
RELEASE  
S117964753  
N/A

Relative:  
Higher

SHWS:

Actual:  
9 ft.

Release Tracking Number/Current Status: 3-0032857 / TIERII  
Release Town: REVERE  
Notification Date: 05/02/2015  
Category: 120 DY  
Associated ID: Not reported  
**Current Status:** Tier II, A site/release receiving a total NRS score of less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (see above). Permits are not required at Tier 2 sites/releases and response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites.  
Status Date: 05/02/2016  
Phase: PHASE II  
Response Action Outcome: -  
Oil Or Haz Material: Oil and Hazardous Material  
Source: TANK  
Source: UNKNOWN  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: NAPHTHALENE  
Quantity: 9.51 milligrams per kilogram  
Chemical: TPH  
Quantity: 1700 milligrams per kilogram  
Chemical: 2-METHYLNAPHTHALENE  
Quantity: 1.47 milligrams per kilogram  
Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
Quantity: 232 milligrams per kilogram

Actions:

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 11/24/2015  
Response Action Outcome: Not reported  
  
Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSSENT  
Action Date: 3/3/2016  
Response Action Outcome: Not reported  
  
Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 5/11/2016  
Response Action Outcome: Not reported  
  
Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/2/2015  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DCR MAINTANANCE YARD (Continued)**

**S117964753**

Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	5/2/2015
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	5/2/2015
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	5/2/2016
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	5/2/2016
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	5/2/2016
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	5/27/2015
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	8/18/2015
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	8/20/2015
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	9/1/2015
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	SHPFAC
Action Date:	9/11/2015
Response Action Outcome:	Not reported

LUST:

Facility:

Release Tracking Number/Current Status:	3-0032857 / TIERII
Status Date:	05/02/2016
Source Type:	UST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DCR MAINTANANCE YARD (Continued)**

**S117964753**

Release Town: REVERE  
Notification Date: 05/02/2015  
Category: 120 DY  
Associated ID: Not reported  
Phase: PHASE II  
Response Action Outcome: -  
Oil Or Haz Material: Oil and Hazardous Material

Source: TANK  
Source: UNKNOWN  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: NAPHTHALENE  
Quantity: 9.51 milligrams per kilogram  
Chemical: TPH  
Quantity: 1700 milligrams per kilogram  
Chemical: 2-METHYLNAPHTHALENE  
Quantity: 1.47 milligrams per kilogram  
Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
Quantity: 232 milligrams per kilogram

Actions:  
Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 11/24/2015  
Response Action Outcome: Not reported  
  
Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 3/3/2016  
Response Action Outcome: Not reported  
  
Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 5/11/2016  
Response Action Outcome: Not reported  
  
Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/2/2015  
Response Action Outcome: Not reported  
  
Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 5/2/2015  
Response Action Outcome: Not reported  
  
Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/2/2015  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DCR MAINTANANCE YARD (Continued)**

**S117964753**

Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	5/2/2016
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	5/2/2016
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	5/2/2016
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	5/27/2015
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	8/18/2015
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	8/20/2015
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	9/1/2015
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	SHPFAC
Action Date:	9/11/2015
Response Action Outcome:	Not reported

**Release:**

Release Tracking Number/Current Status:	3-0032857 / TIERII
Primary ID:	Not reported
Official City:	REVERE
Notification:	05/02/2015
Category:	120 DY
Status Date:	05/02/2016
Phase:	PHASE II
Response Action Outcome:	-
Oil / Haz Material Type:	Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

**Actions:**

Action Type:	Release Abatement Measure
--------------	---------------------------

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DCR MAINTANANCE YARD (Continued)**

**S117964753**

Action Status:	Completion Statement Received
Action Date:	11/24/2015
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	3/3/2016
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	5/11/2016
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	5/2/2015
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	5/2/2015
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	5/2/2015
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	5/2/2016
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	5/2/2016
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	5/2/2016
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	5/27/2015
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	8/18/2015
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	8/20/2015

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DCR MAINTANANCE YARD (Continued)**

**S117964753**

Response Action Outcome: Not reported

Action Type: BOL  
 Action Status: Transmittal, Notice, or Notification Received  
 Action Date: 9/1/2015  
 Response Action Outcome: Not reported

Action Type: BOL  
 Action Status: SHPFAC  
 Action Date: 9/11/2015  
 Response Action Outcome: Not reported

Chemicals:

Chemical: NAPHTHALENE  
 Quantity: 9.51 milligrams per kilogram

Chemical: TPH  
 Quantity: 1700 milligrams per kilogram

Chemical: 2-METHYLNAPHTHALENE  
 Quantity: 1.47 milligrams per kilogram

Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
 Quantity: 232 milligrams per kilogram

Source: TANK  
 Source: UNKNOWN  
 Source: UST

**I32**  
**SSW**  
**1/8-1/4**  
**0.239 mi.**  
**1264 ft.**

**164 KIMBALL AVE**  
**REVERE, MA 02151**  
**Site 2 of 2 in cluster I**

**EDR Hist Auto 1015259098**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**12 ft.**

EDR Historical Auto Stations:

Name: RECOMMENDED AUTO BODY  
 Year: 1999  
 Address: 164 KIMBALL AVE

Name: RECOMMENDED AUTO BODY  
 Year: 2000  
 Address: 164 KIMBALL AVE

Name: WRECK A MENDED AUTO BODY  
 Year: 2001  
 Address: 164 KIMBALL AVE

Name: WRECK A MENDED AUTO BODY  
 Year: 2002  
 Address: 164 KIMBALL AVE

Name: WRECK A MENDED AUTO BODY  
 Year: 2003  
 Address: 164 KIMBALL AVE

Name: WRECK A MENDED AUTO BODY INC  
 Year: 2004  
 Address: 164 KIMBALL AVE

Name: WRECK A MENDED AUTO BODY INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015259098

Year: 2007  
Address: 164 KIMBALL AVE  
  
Name: RECOMMENDED AUTO BODY  
Year: 2010  
Address: 164 KIMBALL AVE  
  
Name: WRECKAMENDED AUTO BODY INC  
Year: 2011  
Address: 164 KIMBALL AVE  
  
Name: WRECKAMENDED AUTO BODY  
Year: 2012  
Address: 164 KIMBALL AVE

33  
SSW  
1/4-1/2  
0.259 mi.  
1370 ft.

MARTINS AUTO BODY  
1456A NORTH SHORE RD  
REVERE, MA 02151

SHWS S103810639  
RELEASE N/A

Relative:  
Higher

SHWS:  
Release Tracking Number/Current Status: 3-0002032 / DEPND5  
Release Town: REVERE  
Notification Date: 04/15/1989  
Category: NONE  
Associated ID: Not reported  
**Current Status: Not a Disposal Site (DEP)**  
Status Date: 04/11/1996  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Not reported

Actual:  
19 ft.

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: UNKNOWN  
Quantity: Not reported

Actions:  
Action Type: TREGS  
Action Status: DEPND5  
Action Date: 4/11/1996  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 4/15/1989  
Response Action Outcome: Not reported

Release:  
Release Tracking Number/Current Status: 3-0002032 / DEPND5  
Primary ID: Not reported  
Official City: REVERE  
Notification: 04/15/1989



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MARTINS AUTO BODY (Continued)**

**S103810639**

Category: NONE  
 Status Date: 04/11/1996  
 Phase: Not reported  
 Response Action Outcome: -  
 Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

**Actions:**

Action Type: TREGS  
 Action Status: DEPND5  
 Action Date: 4/11/1996  
 Response Action Outcome: Not reported

Action Type: Release Disposition  
 Action Status: Valid Transition Site  
 Action Date: 4/15/1989  
 Response Action Outcome: Not reported

**Chemicals:**

Chemical: UNKNOWN  
 Quantity: Not reported

**34  
 NNE  
 1/4-1/2  
 0.261 mi.  
 1380 ft.**

**NORTH LOT  
 690 OCEAN AVE  
 REVERE, MA 01251**

**US BROWNFIELDS 1014725829  
 N/A**

**Relative:  
 Higher**

**US BROWNFIELDS:**

Recipient name: Revere, City of  
 Grant type: Assessment  
 Property name: NORTH LOT  
 Property #: Not reported  
 Parcel size: 3.5  
 Property Description: Site is a DCR owned parcel that is used for parking associated with the Wonderland T Station.  
 Latitude: 42.416505  
 Longitude: -70.9890374  
 HCM label: Not reported  
 Map scale: Not reported  
 Point of reference: Not reported  
 Datum: Not reported  
 ACRES property ID: 107822  
 Start date: Not reported  
 Completed date: Not reported  
 Acres cleaned up: Not reported  
 Cleanup funding: Not reported  
 Cleanup funding source: Not reported  
 Assessment funding: 3500  
 Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
 Redevelopment funding: Not reported  
 Redev. funding source: Not reported  
 Redev. funding entity name: Not reported  
 Redevelopment start date: Not reported  
 Assessment funding entity: EPA  
 Cleanup funding entity: Not reported

**Actual:  
 9 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH LOT (Continued)**

**1014725829**

Grant type:	Hazardous
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	97164101
Ownership entity:	Not reported
Current owner:	State
Did owner change:	N
Cleanup required:	Unknown
Video available:	Not reported
Photo available:	Not reported
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	0
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH LOT (Continued)**

**1014725829**

Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Highlights:	Not reported
IC Data Address:	Not reported
Redev Completion Date:	Not reported
# Below Poverty:	923
% Below Poverty:	4.4%
# Low Income:	1913
% Low Income:	2.1%
Meidan Income:	10888
# Unemployed:	171
% Unemployed:	23.9%
# Vacant Housing:	209
% Vacant Housing:	19.5%

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**35**  
**SSW**  
**1/4-1/2**  
**0.273 mi.**  
**1442 ft.**

**OLD BATH HOUSE SITE**  
**OCEAN AVENUE**  
**REVERE, MA 01251**

**US BROWNFIELDS**    **1014725828**  
**N/A**

**Relative:**  
**Higher**

US BROWNFIELDS:

**Actual:**  
**9 ft.**

Recipient name:	Revere, City of
Grant type:	Assessment
Property name:	OLD BATH HOUSE SITE
Property #:	Not reported
Parcel size:	.5
Property Description:	Not reported
Latitude:	42.4080815
Longitude:	-70.9920991
HCM label:	Not reported
Map scale:	Not reported
Point of reference:	Not reported
Datum:	World Geodetic System of 1984
ACRES property ID:	100186
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	4500
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	Hazardous
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	97164101
Ownership entity:	Not reported
Current owner:	Not reported
Did owner change:	N
Cleanup required:	No
Video available:	Not reported
Photo available:	Not reported
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OLD BATH HOUSE SITE (Continued)**

**1014725828**

Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	0
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OLD BATH HOUSE SITE (Continued)**

**1014725828**

No contaminant found: Not reported  
Pesticides contaminant found: Not reported  
Selenium contaminant found: Not reported  
SVOCs contaminant found: Not reported  
Unknown contaminant found: Not reported  
Future Use: Multistory Not reported  
Media affected Bluiding Material: Not reported  
Media affected indoor air: Not reported  
Building material media cleaned up: Not reported  
Indoor air media cleaned up: Not reported  
Unknown media cleaned up: Not reported  
Past Use: Multistory Not reported  
Highlights: Not reported  
IC Data Address: Not reported  
Redev Completion Date: Not reported  
# Below Poverty: 1955  
% Below Poverty: 4.3%  
# Low Income: 3844  
% Low Income: 2.2%  
Meidan Income: 12119  
# Unemployed: 649  
% Unemployed: 12.9%  
# Vacant Housing: 364  
% Vacant Housing: 23.0%

**36**  
**SSW**  
**1/4-1/2**  
**0.334 mi.**  
**1762 ft.**

**SPILL STOPPED AT 885 NORTSHORE RD**  
**SHIRLEY AVE/VFW PKWY/NORTSHOR**  
**REVERE, MA 02151**

**SHWS** **S103545663**  
**RELEASE** **N/A**

**Relative:**  
**Higher**

SHWS:

**Actual:**  
**22 ft.**

Release Tracking Number/Current Status: 3-0010142 / RAO  
Release Town: REVERE  
Notification Date: 11/03/1993  
Category: TWO HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 04/20/1994  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil Or Haz Material: Oil  
Location Type: ROADWAY  
Source: VEHICLE

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: #2 FUEL OIL  
Quantity: 200 gallons  
Chemical: #2 FUEL OIL  
Quantity: 500 gallons

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPILL STOPPED AT 885 NORTSHORE RD (Continued)**

**S103545663**

Action Date: 11/3/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 11/3/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/3/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 11/3/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 12/14/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 3/7/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 4/1/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 4/20/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/20/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 8/22/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPILL STOPPED AT 885 NORTSHORE RD (Continued)**

**S103545663**

Release:

Release Tracking Number/Current Status: 3-0010142 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 11/03/1993  
Category: TWO HR  
Status Date: 04/20/1994  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 11/3/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 11/3/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/3/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 11/3/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 12/14/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 3/7/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 4/1/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPILL STOPPED AT 885 NORTSHORE RD (Continued)**

**S103545663**

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 4/20/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/20/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 8/22/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
Chemical: #2 FUEL OIL  
Quantity: 200 gallons  
Chemical: #2 FUEL OIL  
Quantity: 500 gallons  
Location Type: ROADWAY  
Source: VEHICLE

J37  
North  
1/4-1/2  
0.338 mi.  
1786 ft.

**NO LOCATION AID**  
**42 AGAWAM STREET**  
**REVERE, MA 02151**  
**Site 1 of 2 in cluster J**

**SHWS S110684414**  
**RELEASE N/A**

**Relative:**  
**Higher**

SHWS:

Release Tracking Number/Current Status: 3-0029653 / RAO

Release Town: REVERE

Notification Date: 11/17/2010

Category: TWO HR

Associated ID: Not reported

**Current Status: Response Action Outcome**

Status Date: 01/19/2011

Phase: Not reported

Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Oil Or Haz Material: Oil

Location Type: ROADWAY

Location Type: PRIVPROP

Source: TRANSFORM

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: NON PCB MODF  
Quantity: 30 gallons  
Chemical: MINERAL OIL DIELECTRIC FLUID  
Quantity: 30 gallons

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S110684414**

Actions:

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/19/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/19/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 1/19/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 11/17/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/17/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 12/14/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 2/7/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status: 3-0029653 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 11/17/2010  
Category: TWO HR  
Status Date: 01/19/2011  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S110684414**

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/19/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/19/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 1/19/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 11/17/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/17/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 12/14/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 2/7/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**Chemicals:**

Chemical: NON PCB MODF  
Quantity: 30 gallons  
Chemical: MINERAL OIL DIELECTRIC FLUID  
Quantity: 30 gallons  
Location Type: ROADWAY  
Location Type: PRIVPROP  
Source: TRANSFORM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

J38  
North  
1/4-1/2  
0.338 mi.  
1786 ft.

**NO LOCATION AID  
42 AGAWAM STREET  
REVERE, MA**

**RGA HWS S115036571  
N/A**

**Relative:  
Higher**

RGA HWS:

2012 NO LOCATION AID 42 AGAWAM STREET  
2011 NO LOCATION AID 42 AGAWAM STREET

**Actual:  
9 ft.**

39  
SSW  
1/4-1/2  
0.341 mi.  
1802 ft.

**@ 176 SHIRLEY STREET  
SHIRLEY ST  
REVERE, MA 02151**

**SHWS S106344057  
RELEASE N/A**

**Relative:  
Higher**

SHWS:

Release Tracking Number/Current Status: 3-0023674 / RAO  
Release Town: REVERE  
Notification Date: 03/13/2004  
Category: TWO HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 05/17/2007  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**Actual:  
26 ft.**

Oil Or Haz Material: Oil  
Location Type: ROADWAY  
Source: VEHICLE

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: DIESEL FUEL  
Quantity: 40 gallons

Actions:

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/12/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: NOFENF  
Action Date: 12/12/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 3/13/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/13/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**@ 176 SHIRLEY STREET (Continued)**

**S106344057**

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 4/5/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 4/7/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RAO - DEP Lead  
Action Status: RAO Statement Received  
Action Date: 5/17/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status: 3-0023674 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 03/13/2004  
Category: TWO HR  
Status Date: 05/17/2007  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/12/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: NOFENF  
Action Date: 12/12/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 3/13/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

@ 176 SHIRLEY STREET (Continued)

S106344057

Action Status: Reportable Release under MGL 21E  
Action Date: 3/13/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 4/5/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 4/7/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RAO - DEP Lead  
Action Status: RAO Statement Received  
Action Date: 5/17/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
Chemical: DIESEL FUEL  
Quantity: 40 gallons  
Location Type: ROADWAY  
Source: VEHICLE

K40  
SSW  
1/4-1/2  
0.415 mi.  
2192 ft.

NO LOCATION AID  
1563 NORTH SHORE RD  
REVERE, MA 02151  
Site 1 of 2 in cluster K

SHWS S103383751  
RELEASE N/A

Relative:  
Higher

SHWS:  
Release Tracking Number/Current Status: 3-0017100 / RAO  
Release Town: REVERE  
Notification Date: 07/29/1998  
Category: TWO HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 01/14/1999  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Oil Or Haz Material: Hazardous Material  
Location Type: MUNICIPAL  
Location Type: RESIDENTIAL  
Source: DEBRIS  
Source: BLDG

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: ASBESTOS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383751**

Quantity: 1 pounds

Actions:

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 1/14/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 7/29/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 7/29/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 7/29/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/29/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/14/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 9/14/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status: 3-0017100 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 07/29/1998  
Category: TWO HR  
Status Date: 01/14/1999  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Oil / Haz Material Type: Hazardous Material

MAP FINDINGS

**NO LOCATION AID (Continued)**

**S103383751**

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 1/14/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 7/29/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 7/29/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 7/29/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/29/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/14/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 9/14/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**Chemicals:**

Chemical: ASBESTOS  
Quantity: 1 pounds  
Location Type: MUNICIPAL  
Location Type: RESIDENTIAL  
Source: DEBRIS  
Source: BLDG



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**K41**  
**SSW**  
**1/4-1/2**  
**0.415 mi.**  
**2192 ft.**

**NO LOCATION AID**  
**1563 NORTH SHORE RD**  
**REVERE, MA**  
  
**Site 2 of 2 in cluster K**

**RGA HWS**    **S115034410**  
**N/A**

**Relative:**  
**Higher**

RGA HWS:

2012	NO LOCATION AID	1563 NORTH SHORE RD
2011	NO LOCATION AID	1563 NORTH SHORE RD
2010	NO LOCATION AID	1563 NORTH SHORE RD
2009	NO LOCATION AID	1563 NORTH SHORE RD
2008	NO LOCATION AID	1563 NORTH SHORE RD
2007	NO LOCATION AID	1563 NORTH SHORE RD
2006	NO LOCATION AID	1563 NORTH SHORE RD
2005	NO LOCATION AID	1563 NORTH SHORE RD
2004	NO LOCATION AID	1563 NORTH SHORE RD
2003	NO LOCATION AID	1563 NORTH SHORE RD
2002	NO LOCATION AID	1563 NORTH SHORE RD

**Actual:**  
**20 ft.**

**L42**  
**WSW**  
**1/4-1/2**  
**0.415 mi.**  
**2193 ft.**

**525 BEACH STREET**  
**525 BEACH ST**  
**REVERE, MA 02151**  
  
**Site 1 of 2 in cluster L**

**SHWS**    **S111739436**  
**LUST**    **N/A**  
**RELEASE**

**Relative:**  
**Higher**

SHWS:

Release Tracking Number/Current Status: 3-0030746 / PSNC  
Release Town: REVERE  
Notification Date: 04/02/2012  
Category: 120 DY  
Associated ID: Not reported  
**Current Status: PSNC**  
Status Date: 06/18/2014  
Phase: PHASE II  
Response Action Outcome: -  
Oil Or Haz Material: Hazardous Material  
Location Type: RESIDENTIAL  
Source: UNKNOWN

**Actual:**  
**29 ft.**

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: 1,2-DICHLOROETHANE  
Quantity: .11 milligrams per kilogram  
Chemical: TRICHLOROETHENE  
Quantity: 2.4 milligrams per kilogram  
Chemical: 2-METHYLNAPHTHALENE  
Quantity: .95 milligrams per kilogram

**Actions:**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 2/13/2013  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 2/28/2014  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**525 BEACH STREET (Continued)**

**S111739436**

Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	2/28/2014
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/25/2014
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/6/2014
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	4/2/2012
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	4/2/2012
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/2/2012
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	4/2/2013
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/2/2013
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	4/2/2013
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	4/2/2013
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	4/20/2012
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	PSNRCD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**525 BEACH STREET (Continued)**

**S111739436**

Action Date: 6/18/2014  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 6/18/2014  
Response Action Outcome: Not reported

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 6/24/2014  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 6/6/2013  
Response Action Outcome: Not reported

Release Tracking Number/Current Status: 3-0032014 / PSNC  
Release Town: REVERE  
Notification Date: 02/23/2014  
Category: 120 DY  
Associated ID: Not reported  
**Current Status: PSNC**  
Status Date: 06/18/2014  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Hazardous Material  
Source: UNKNOWN

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: ACETONE  
Quantity: 16 milligrams per kilogram

Actions:  
Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 12/4/2014  
Response Action Outcome: Not reported

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 2/23/2014  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 2/23/2014  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 2/23/2014

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

525 BEACH STREET (Continued)

S111739436

Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 2/28/2014  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 2/28/2014  
Response Action Outcome: Not reported

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/20/2014  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 3/7/2014  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 6/18/2014  
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO  
Action Status: PSNRCD  
Action Date: 6/18/2014  
Response Action Outcome: Not reported

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 6/24/2014  
Response Action Outcome: Not reported

Release Tracking Number/Current Status: 3-0031887 / RAO  
Release Town: REVERE  
Notification Date: 11/27/2013  
Category: 72 HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 04/18/2014  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil Or Haz Material: Oil  
Location Type: PRIVPROP  
Source: GAL  
Source: TANK  
Source: UST  
Source: 2X~1,100

[Click here to access the MA DEP site for this facility:](#)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

525 BEACH STREET (Continued)

S111739436

Chemicals:

Chemical: GASOLINE  
Quantity: 400 milligrams per kilogram  
Chemical: VOCS  
Quantity: 400 parts per million

Actions:

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/30/2015  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/30/2015  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/27/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 11/27/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 12/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 12/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Imminent Hazard Evaluation Received  
Action Date: 12/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 12/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**525 BEACH STREET (Continued)**

**S111739436**

Action Date: 12/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 12/19/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 12/19/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/5/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/9/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 4/16/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 4/18/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 5/2/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 6/18/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

LUST:

Facility:

Release Tracking Number/Current Status: 3-0031887 / RAO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**525 BEACH STREET (Continued)**

**S111739436**

Status Date: 04/18/2014  
Source Type: UST  
Release Town: REVERE  
Notification Date: 11/27/2013  
Category: 72 HR  
Associated ID: Not reported  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Oil  
Location Type: PRIVPROP  
Source: GAL  
Source: TANK  
Source: UST  
Source: 2X~1,100

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: GASOLINE  
Quantity: 400 milligrams per kilogram  
Chemical: VOCS  
Quantity: 400 parts per million

Actions:

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/30/2015  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/30/2015  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/27/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 11/27/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 12/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**525 BEACH STREET (Continued)**

**S111739436**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 12/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Imminent Hazard Evaluation Received  
Action Date: 12/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 12/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 12/19/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 12/19/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/5/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/9/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 4/16/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 4/18/2014



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**525 BEACH STREET (Continued)**

**S111739436**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 5/2/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 6/18/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0030746 / PSNC  
Primary ID: Not reported  
Official City: REVERE  
Notification: 04/02/2012  
Category: 120 DY  
Status Date: 06/18/2014  
Phase: PHASE II  
Response Action Outcome: -  
Oil / Haz Material Type: Hazardous Material

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Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSSENT  
Action Date: 2/13/2013  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 2/28/2014  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 2/28/2014  
Response Action Outcome: Not reported

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/25/2014  
Response Action Outcome: Not reported

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/6/2014  
Response Action Outcome: Not reported

Action Type: Release Disposition

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**525 BEACH STREET (Continued)**

**S111739436**

Action Status:	Reportable Release under MGL 21E
Action Date:	4/2/2012
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	4/2/2012
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/2/2012
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	4/2/2013
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/2/2013
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	4/2/2013
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	4/2/2013
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	4/20/2012
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	PSNRCD
Action Date:	6/18/2014
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	6/18/2014
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	SHPFAC
Action Date:	6/24/2014
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	6/6/2013

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**525 BEACH STREET (Continued)**

**S111739436**

Response Action Outcome: Not reported

Chemicals:

Chemical: 1,2-DICHLOROETHANE  
Quantity: .11 milligrams per kilogram  
Chemical: TRICHLOROETHENE  
Quantity: 2.4 milligrams per kilogram  
Chemical: 2-METHYLNAPHTHALENE  
Quantity: .95 milligrams per kilogram  
Location Type: RESIDENTIAL  
Source: UNKNOWN

Release Tracking Number/Current Status: 3-0031887 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 11/27/2013  
Category: 72 HR  
Status Date: 04/18/2014  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/30/2015  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/30/2015  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/27/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 11/27/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 12/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**525 BEACH STREET (Continued)**

**S111739436**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 12/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Imminent Hazard Evaluation Received  
Action Date: 12/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 12/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 12/19/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 12/19/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/5/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/9/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 4/16/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 4/18/2014

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**525 BEACH STREET (Continued)**

**S111739436**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 5/2/2014

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 6/18/2014

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical: GASOLINE  
Quantity: 400 milligrams per kilogram  
Chemical: VOCS  
Quantity: 400 parts per million  
Location Type: PRIVPROP  
Source: GAL  
Source: TANK  
Source: UST  
Source: 2X~1,100

Release Tracking Number/Current Status: 3-0032014 / PSNC  
Primary ID: Not reported  
Official City: REVERE  
Notification: 02/23/2014  
Category: 120 DY  
Status Date: 06/18/2014  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSSENT  
Action Date: 12/4/2014  
Response Action Outcome: Not reported

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 2/23/2014  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 2/23/2014  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**525 BEACH STREET (Continued)**

**S111739436**

Action Date:	2/23/2014
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	2/28/2014
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	2/28/2014
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/20/2014
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	3/7/2014
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	6/18/2014
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	PSNRCD
Action Date:	6/18/2014
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	SHPFAC
Action Date:	6/24/2014
Response Action Outcome:	Not reported
Chemicals:	
Chemical:	ACETONE
Quantity:	16 milligrams per kilogram
Source:	UNKNOWN

**L43**  
**WSW**  
 1/4-1/2  
 0.415 mi.  
 2193 ft.

**525 BEACH STREET**  
**525 BEACH ST**  
**REVERE, MA**  
 Site 2 of 2 in cluster L

**RGA HWS**    **S115010343**  
 N/A

**Relative:**  
**Higher**

RGA HWS:                      2012    525 BEACH STREET    525 BEACH ST

**Actual:**  
**29 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

44  
SSW  
1/4-1/2  
0.419 mi.  
2210 ft.

NO LOCATION AID  
91 CENTENIAL AVE  
REVERE, MA 02151

LAST  
RELEASE S102507383  
N/A

Relative:  
Higher

LAST:

Release Tracking Number/Current Status: 3-0014387 / RAO  
Source Type: AST  
Release Town: REVERE  
Notification Date: 10/22/1996  
Category: TWO HR  
Associated ID: Not reported  
Status Date: 01/14/1997  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil Or Haz Material: Oil

Actual:  
15 ft.

Chemicals:

Chemical: #2 FUEL OIL  
Quantity: Not reported  
Location Type: RESIDENTIAL  
Source: AST

Actions:

Action Type: RAO - DEP Lead  
Action Status: RAO Statement Received  
Action Date: 1/14/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 10/22/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/22/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status: 3-0014387 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 10/22/1996  
Category: TWO HR  
Status Date: 01/14/1997  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NO LOCATION AID (Continued)

S102507383

Actions:

Action Type: RAO - DEP Lead  
Action Status: RAO Statement Received  
Action Date: 1/14/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 10/22/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/22/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:

Chemical: #2 FUEL OIL  
Quantity: Not reported  
Location Type: RESIDENTIAL  
Source: AST

M45  
NNW  
1/4-1/2  
0.426 mi.  
2251 ft.

PAUL REVERE SCH  
395 REVERE ST  
REVERE, MA 02151  
Site 1 of 2 in cluster M

SHWS S109546224  
RELEASE N/A

Relative:  
Higher

SHWS:

Release Tracking Number/Current Status: 3-0028314 / RAO  
Release Town: REVERE  
Notification Date: 02/12/2009  
Category: 120 DY  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 02/19/2010  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Actual:  
9 ft.

Oil Or Haz Material: Hazardous Material  
Location Type: SCHOOL  
Source: UNKNOWN

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: LEAD  
Quantity: 1300 milligrams per kilogram

Actions:

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 12/23/2009



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PAUL REVERE SCH (Continued)**

**S109546224**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Action Status: ALSENT

Action Date: 12/8/2009

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF

Action Status: Reportable Release under MGL 21E

Action Date: 2/12/2009

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 2/12/2009

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure

Action Status: Written Plan Received

Action Date: 2/19/2009

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure

Action Status: Completion Statement Received

Action Date: 2/19/2010

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO

Action Status: RAO Statement Received

Action Date: 2/19/2010

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure

Action Status: Fee Received - FMCRA Use Only

Action Date: 2/23/2009

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure

Action Status: Level I - Technical Screen Audit

Action Date: 2/23/2009

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

Action Status: FOLOFF

Action Date: 3/18/2009

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PAUL REVERE SCH (Continued)**

**S109546224**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 3/25/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 3/25/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 3/8/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 6/19/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 6/28/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0028314 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 02/12/2009  
Category: 120 DY  
Status Date: 02/19/2010  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 12/23/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSNT  
Action Date: 12/8/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PAUL REVERE SCH (Continued)**

**S109546224**

reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 2/12/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 2/12/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 2/19/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 2/19/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 2/19/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 2/23/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 2/23/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 3/18/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 3/25/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PAUL REVERE SCH (Continued)**

**S109546224**

Action Status: FOLOFF  
 Action Date: 3/25/2009  
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
 Action Status: Fee Received - FMCRA Use Only  
 Action Date: 3/8/2010  
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
 Action Status: Status or Interim Report Received  
 Action Date: 6/19/2009  
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
 Action Status: Level I - Technical Screen Audit  
 Action Date: 6/28/2010  
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
 Chemical: LEAD  
 Quantity: 1300 milligrams per kilogram  
 Location Type: SCHOOL  
 Source: UNKNOWN

**M46  
 NNW  
 1/4-1/2  
 0.426 mi.  
 2251 ft.**

**PAUL REVERE SCH  
 395 REVERE ST  
 REVERE, MA  
 Site 2 of 2 in cluster M**

**RGA HWS S115041751  
 N/A**

**Relative:** RGA HWS:  
**Higher** 2012 PAUL REVERE SCH 395 REVERE ST  
 2011 PAUL REVERE SCH 395 REVERE ST  
**Actual:** 2010 PAUL REVERE SCH 395 REVERE ST  
**9 ft.** 2009 PAUL REVERE SCH 395 REVERE ST

**47  
 West  
 1/4-1/2  
 0.427 mi.  
 2252 ft.**

**RAIL LINE  
 BELL CIR  
 REVERE, MA 02151**

**SHWS S101045436  
 SPILLS N/A  
 RELEASE**

**Relative:** SHWS:  
**Higher** Release Tracking Number/Current Status: 3-0003549 / DEPND5  
 Release Town: REVERE  
**Actual:** Notification Date: 10/19/1990  
**14 ft.** Category: NONE  
 Associated ID: Not reported  
**Current Status:** **Not a Disposal Site (DEP)**  
 Status Date: 06/19/1996  
 Phase: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RAIL LINE (Continued)**

**S101045436**

Response Action Outcome: -  
 Oil Or Haz Material: Not reported  
 Location Type: RAILROAD  
 Source: UNCONTAIN

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: UNKNOWN  
 Quantity: Not reported

**Actions:**

Action Type: Compliance and Enforcement Action  
 Action Status: RFI  
 Action Date: 10/19/1990  
 Response Action Outcome: Not reported

Action Type: Release Disposition  
 Action Status: Valid Transition Site  
 Action Date: 10/19/1990  
 Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
 Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
 Action Date: 10/19/1990  
 Response Action Outcome: Not reported

Action Type: TREGS  
 Action Status: DEPND5  
 Action Date: 6/19/1996  
 Response Action Outcome: Not reported

**MA Spills:**

Facility ID: 0000  
 Staff Lead: SAYERS, S  
 Last Entered: 19930119  
 Spill Date: 19930112  
 Report Date: 19930112  
 Case Closed: YES  
 Virgin Waste: -----  
 Env Impact: Not reported  
 Material: OTHER MATERIAL -->  
 Qty Reported: 11-50  
 Qty Reported: DRUMS  
 CAS No: Not reported  
 Source: DRUMS  
 Incident: OTHER RELEASE >  
 Cleanup Type: Not reported  
 Referral: NO  
 Report Prep: Not reported  
 Notifier: ANONYMOUS  
 Notif Tel: Not reported  
 Days/Close: 1

Spill ID: N93-0050  
 Date Entered: Not reported  
 First Response: 19930112  
 Spill Time: Not reported  
 Report Time: Not reported  
 Mat Type: UNKNOWN  
 Contam Soil: Not reported  
 Other Impact: Not reported  
 Other Material: UNKNOWN  
 Qty Actual: -----  
 Qty Actual: DRUMS  
 PCB Lev (ppm): -----  
 Other Source: Not reported  
 Other Incdnt: STORAGE  
 Contractor: NOT USED  
 LUST Elig: ---  
 Category: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RAIL LINE (Continued)**

**S101045436**

Release:

Release Tracking Number/Current Status: 3-0003549 / DEPND5  
 Primary ID: Not reported  
 Official City: REVERE  
 Notification: 10/19/1990  
 Category: NONE  
 Status Date: 06/19/1996  
 Phase: Not reported  
 Response Action Outcome: -  
 Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Compliance and Enforcement Action  
 Action Status: RFI  
 Action Date: 10/19/1990  
 Response Action Outcome: Not reported

Action Type: Release Disposition  
 Action Status: Valid Transition Site  
 Action Date: 10/19/1990  
 Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
 Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
 Action Date: 10/19/1990  
 Response Action Outcome: Not reported

Action Type: TREGS  
 Action Status: DEPND5  
 Action Date: 6/19/1996  
 Response Action Outcome: Not reported

Chemicals:

Chemical: UNKNOWN  
 Quantity: Not reported  
 Location Type: RAILROAD  
 Source: UNCONTAIN

**N48**  
**North**  
**1/4-1/2**  
**0.472 mi.**  
**2493 ft.**

**INTERSECTION**  
**REVERE ST AND BELLEVUE ST**  
**REVERE, MA 02151**  
**Site 1 of 3 in cluster N**

**SHWS S102507452**  
**RELEASE N/A**

**Relative:**  
**Higher**

SHWS:

Release Tracking Number/Current Status: 3-0014678 / RAO  
 Release Town: REVERE  
 Notification Date: 01/02/1997  
 Category: TWO HR  
 Associated ID: Not reported

**Actual:**  
**22 ft.**

**Current Status:** **Response Action Outcome**  
 Status Date: 02/27/1997  
 Phase: Not reported  
 Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERSECTION (Continued)**

**S102507452**

Oil Or Haz Material: reduced to background or a threat of release has been eliminated.  
Location Type: Oil  
Source: ROADWAY  
TRANSFORM

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: TRANSFORMER OIL  
Quantity: 20 gallons  
Chemical: MINERAL OIL  
Quantity: 18 gallons

**Actions:**

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/2/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/2/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 1/2/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 1/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 2/27/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 2/27/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**Release:**

Release Tracking Number/Current Status: 3-0014678 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 01/02/1997

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERSECTION (Continued)**

**S102507452**

Category: TWO HR  
Status Date: 02/27/1997  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/2/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/2/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 1/2/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 1/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 2/27/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 2/27/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**Chemicals:**

Chemical: TRANSFORMER OIL  
Quantity: 20 gallons  
Chemical: MINERAL OIL  
Quantity: 18 gallons  
Location Type: ROADWAY  
Source: TRANSFORM



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**N49**  
 North  
 1/4-1/2  
 0.472 mi.  
 2493 ft.

**INTERSECTION**  
**REVERE ST AND BELLEVUE ST**  
**REVERE, MA**

**Site 2 of 3 in cluster N**

**RGA HWS**    **S115026403**  
 N/A

**Relative:**    RGA HWS:  
**Higher**

2012	INTERSECTION	REVERE ST AND BELLEVUE ST
2011	INTERSECTION	REVERE ST AND BELLEVUE ST
2010	INTERSECTION	REVERE ST AND BELLEVUE ST
2009	INTERSECTION	REVERE ST AND BELLEVUE ST
2008	INTERSECTION	REVERE ST AND BELLEVUE ST
2007	INTERSECTION	REVERE ST AND BELLEVUE ST
2006	INTERSECTION	REVERE ST AND BELLEVUE ST
2005	INTERSECTION	REVERE ST AND BELLEVUE ST
2004	INTERSECTION	REVERE ST AND BELLEVUE ST
2003	INTERSECTION	REVERE ST AND BELLEVUE ST

**Actual:**  
 22 ft.

**N50**  
 North  
 1/4-1/2  
 0.472 mi.  
 2493 ft.

**INTERSECTION**  
**REVERE ST & BELLEVUE ST**  
**REVERE, MA**

**Site 3 of 3 in cluster N**

**RGA HWS**    **S115026402**  
 N/A

**Relative:**    RGA HWS:  
**Higher**

2002	INTERSECTION	REVERE ST & BELLEVUE ST
------	--------------	-------------------------

**O51**  
 SW  
 1/4-1/2  
 0.489 mi.  
 2580 ft.

**NO LOCATION AID**  
**53 SUMNER ST**  
**REVERE, MA 02151**

**Site 1 of 2 in cluster O**

**SHWS**    **S106508869**  
**LUST**    **N/A**  
**RELEASE**  
**ENF**

**Relative:**    SHWS:  
**Higher**

Release Tracking Number/Current Status: 3-0023984 / RAO  
 Release Town: REVERE  
 Notification Date: 06/18/2004  
 Category: 72 HR  
 Associated ID: Not reported  
**Current Status:**                    **Response Action Outcome**  
 Status Date: 09/20/2012  
 Phase: PHASE IV  
 Response Action Outcome: C2 - C2  
 Oil Or Haz Material: Oil  
 Location Type: RESIDENTIAL  
 Source: TANK  
 Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical:	HEATING OIL
Quantity:	200 gallons
Chemical:	FUEL OIL #2
Quantity:	316 parts per million

Actions:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S106508869**

Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	1/18/2006
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	1/21/2005
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	10/28/2013
Response Action Outcome:	C2
Action Type:	FTLI
Action Status:	APPREC
Action Date:	11/25/2008
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/7/2007
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	12/11/2006
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	12/11/2006
Response Action Outcome:	C2
Action Type:	RLFA
Action Status:	FLDRAN
Action Date:	12/12/2006
Response Action Outcome:	C2
Action Type:	Phase 3
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	12/13/2006
Response Action Outcome:	C2
Action Type:	Phase 2
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	12/13/2006
Response Action Outcome:	C2
Action Type:	FTLI
Action Status:	APPDEN
Action Date:	12/23/2008
Response Action Outcome:	C2
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S106508869**

Action Date:	4/18/2012
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	5/8/2007
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	5/8/2007
Response Action Outcome:	C2
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	5/9/2012
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Written Denial of Plan
Action Date:	6/1/2007
Response Action Outcome:	C2
Action Type:	Phase 3
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	6/11/2012
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	6/11/2012
Response Action Outcome:	C2
Action Type:	RLFA
Action Status:	FLDRAN
Action Date:	6/15/2005
Response Action Outcome:	C2
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	6/18/2004
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	6/18/2004
Response Action Outcome:	C2
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	6/18/2007
Response Action Outcome:	C2
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	6/24/2005
Response Action Outcome:	C2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S106508869**

Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	6/24/2005
Response Action Outcome:	C2
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/24/2005
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	6/30/2006
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	6/30/2006
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Level II - Audit Inspection
Action Date:	6/9/2005
Response Action Outcome:	C2
Action Type:	An activity type that is related to an Audit
Action Status:	NAFNVD
Action Date:	7/14/2005
Response Action Outcome:	C2
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	7/23/2007
Response Action Outcome:	C2
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	7/24/2006
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/27/2005
Response Action Outcome:	C2
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	7/6/2005
Response Action Outcome:	C2
Action Type:	Phase 3
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	7/6/2006
Response Action Outcome:	C2
Action Type:	Phase 2
Action Status:	Notice of Delay in Meeting RA Deadline Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S106508869**

Action Date: 7/6/2006  
Response Action Outcome: C2

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 7/6/2007  
Response Action Outcome: C2

Action Type: Compliance and Enforcement Action  
Action Status: ACO  
Action Date: 8/1/2012  
Response Action Outcome: C2

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/10/2004  
Response Action Outcome: C2

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/2/2004  
Response Action Outcome: C2

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 8/2/2004  
Response Action Outcome: C2

Action Type: Phase 3  
Action Status: Completion Statement Received  
Action Date: 9/11/2012  
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 9/20/2012  
Response Action Outcome: C2

**LUST:**

**Facility:**

Release Tracking Number/Current Status: 3-0023984 / RAO  
Status Date: 09/20/2012  
Source Type: UST  
Release Town: REVERE  
Notification Date: 06/18/2004  
Category: 72 HR  
Associated ID: Not reported  
Phase: PHASE IV  
Response Action Outcome: C2 - C2  
Oil Or Haz Material: Oil

Location Type: RESIDENTIAL  
Source: TANK  
Source: UST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S106508869**

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: HEATING OIL  
Quantity: 200 gallons  
Chemical: FUEL OIL #2  
Quantity: 316 parts per million

**Actions:**

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/18/2006  
Response Action Outcome: C2

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/21/2005  
Response Action Outcome: C2

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 10/28/2013  
Response Action Outcome: C2

Action Type: FTLI  
Action Status: APPREC  
Action Date: 11/25/2008  
Response Action Outcome: C2

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 11/7/2007  
Response Action Outcome: C2

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 12/11/2006  
Response Action Outcome: C2

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 12/11/2006  
Response Action Outcome: C2

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 12/12/2006  
Response Action Outcome: C2

Action Type: Phase 3  
Action Status: Notice of Delay in Meeting RA Deadline Received  
Action Date: 12/13/2006  
Response Action Outcome: C2

Action Type: Phase 2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S106508869**

Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	12/13/2006
Response Action Outcome:	C2
Action Type:	FTLI
Action Status:	APPDEN
Action Date:	12/23/2008
Response Action Outcome:	C2
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	4/18/2012
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	5/8/2007
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	5/8/2007
Response Action Outcome:	C2
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	5/9/2012
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Written Denial of Plan
Action Date:	6/1/2007
Response Action Outcome:	C2
Action Type:	Phase 3
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	6/11/2012
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	6/11/2012
Response Action Outcome:	C2
Action Type:	RLFA
Action Status:	FLDRAN
Action Date:	6/15/2005
Response Action Outcome:	C2
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	6/18/2004
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	6/18/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S106508869**

Response Action Outcome:	C2
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	6/18/2007
Response Action Outcome:	C2
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	6/24/2005
Response Action Outcome:	C2
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	6/24/2005
Response Action Outcome:	C2
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/24/2005
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	6/30/2006
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	6/30/2006
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Level II - Audit Inspection
Action Date:	6/9/2005
Response Action Outcome:	C2
Action Type:	An activity type that is related to an Audit
Action Status:	NAFNVD
Action Date:	7/14/2005
Response Action Outcome:	C2
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	7/23/2007
Response Action Outcome:	C2
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	7/24/2006
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/27/2005
Response Action Outcome:	C2



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S106508869**

Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	7/6/2005
Response Action Outcome:	C2
Action Type:	Phase 3
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	7/6/2006
Response Action Outcome:	C2
Action Type:	Phase 2
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	7/6/2006
Response Action Outcome:	C2
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	7/6/2007
Response Action Outcome:	C2
Action Type:	Compliance and Enforcement Action
Action Status:	ACO
Action Date:	8/1/2012
Response Action Outcome:	C2
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	8/10/2004
Response Action Outcome:	C2
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	8/2/2004
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	8/2/2004
Response Action Outcome:	C2
Action Type:	Phase 3
Action Status:	Completion Statement Received
Action Date:	9/11/2012
Response Action Outcome:	C2
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	9/20/2012
Response Action Outcome:	C2

Release:

Release Tracking Number/Current Status:	3-0023984 / RAO
Primary ID:	Not reported
Official City:	REVERE
Notification:	06/18/2004
Category:	72 HR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S106508869**

Status Date: 09/20/2012  
Phase: PHASE IV  
Response Action Outcome: C2 - C2  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/18/2006  
Response Action Outcome: C2

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/21/2005  
Response Action Outcome: C2

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 10/28/2013  
Response Action Outcome: C2

Action Type: FTLI  
Action Status: APPREC  
Action Date: 11/25/2008  
Response Action Outcome: C2

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 11/7/2007  
Response Action Outcome: C2

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 12/11/2006  
Response Action Outcome: C2

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 12/11/2006  
Response Action Outcome: C2

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 12/12/2006  
Response Action Outcome: C2

Action Type: Phase 3  
Action Status: Notice of Delay in Meeting RA Deadline Received  
Action Date: 12/13/2006  
Response Action Outcome: C2

Action Type: Phase 2  
Action Status: Notice of Delay in Meeting RA Deadline Received  
Action Date: 12/13/2006  
Response Action Outcome: C2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S106508869**

Action Type:	FTLI
Action Status:	APPDEN
Action Date:	12/23/2008
Response Action Outcome:	C2
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	4/18/2012
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	5/8/2007
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	5/8/2007
Response Action Outcome:	C2
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	5/9/2012
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Written Denial of Plan
Action Date:	6/1/2007
Response Action Outcome:	C2
Action Type:	Phase 3
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	6/11/2012
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	6/11/2012
Response Action Outcome:	C2
Action Type:	RLFA
Action Status:	FLDRAN
Action Date:	6/15/2005
Response Action Outcome:	C2
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	6/18/2004
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	6/18/2004
Response Action Outcome:	C2
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S106508869**

Action Date:	6/18/2007
Response Action Outcome:	C2
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	6/24/2005
Response Action Outcome:	C2
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	6/24/2005
Response Action Outcome:	C2
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/24/2005
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	6/30/2006
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	6/30/2006
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Level II - Audit Inspection
Action Date:	6/9/2005
Response Action Outcome:	C2
Action Type:	An activity type that is related to an Audit
Action Status:	NAFNVD
Action Date:	7/14/2005
Response Action Outcome:	C2
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	7/23/2007
Response Action Outcome:	C2
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	7/24/2006
Response Action Outcome:	C2
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/27/2005
Response Action Outcome:	C2
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	7/6/2005
Response Action Outcome:	C2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S106508869**

Action Type: Phase 3  
Action Status: Notice of Delay in Meeting RA Deadline Received  
Action Date: 7/6/2006  
Response Action Outcome: C2

Action Type: Phase 2  
Action Status: Notice of Delay in Meeting RA Deadline Received  
Action Date: 7/6/2006  
Response Action Outcome: C2

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 7/6/2007  
Response Action Outcome: C2

Action Type: Compliance and Enforcement Action  
Action Status: ACO  
Action Date: 8/1/2012  
Response Action Outcome: C2

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/10/2004  
Response Action Outcome: C2

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/2/2004  
Response Action Outcome: C2

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 8/2/2004  
Response Action Outcome: C2

Action Type: Phase 3  
Action Status: Completion Statement Received  
Action Date: 9/11/2012  
Response Action Outcome: C2

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 9/20/2012  
Response Action Outcome: C2

Chemicals:  
Chemical: HEATING OIL  
Quantity: 200 gallons  
Chemical: FUEL OIL #2  
Quantity: 316 parts per million  
Location Type: RESIDENTIAL  
Source: TANK  
Source: UST

ENFORCEMENT:  
Region: NERO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S106508869**

DEP Region: NERO  
DEP Program: 3A  
DEP Bureau: BWSC  
Program: BWSC  
Program Id: 3-0023984  
High Or Low Level Enforcement: HLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Revere  
Date Executed: 08/01/2012  
ENF #: ACO-NE-12-3A002  
Document Type: ACO  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Y  
Regional Comment: Not reported  
Final Payment Due Date: Not reported  
ACOP \$: Not reported  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: Individually Owned

Region: NERO  
DEP Region: NERO  
DEP Program: 3R  
DEP Bureau: BWSC  
Program: BWSC  
Program Id: 3-0023984  
High Or Low Level Enforcement: LLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 04/18/2012  
ENF #: NON-NE-12-3R007  
Document Type: NON  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Y  
Regional Comment: Not reported  
Final Payment Due Date: Not reported  
ACOP \$: Not reported  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: Individually Owned

Region: NERO  
DEP Region: NERO

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NO LOCATION AID (Continued)**

**S106508869**

DEP Program: 3R  
 DEP Bureau: BWSC  
 Program: Not reported  
 Program Id: 3-0023984  
 High Or Low Level Enforcement: LLE  
 FMF #: Not reported  
 Comptroller Billing Name: Not reported  
 Town Where Violation Occurred: Not reported  
 Date Executed: 06/18/2007  
 ENF #: NON-NE-07-3R019  
 Document Type: NON  
 AG Ref (Y/N): Not reported  
 Doc Archived (Y/N): Not reported  
 EJ Community (Y/N): Not reported  
 Regional Comment: Not reported  
 Final Payment Due Date: Not reported  
 ACOP \$: Not reported  
 PAN \$: Not reported  
 EMS (Y/N): Not reported  
 EMS\$: Not reported  
 SEP (Y/N): Not reported  
 SEP \$: Not reported  
 Demand \$: Not reported  
 Suspended \$: Not reported  
 Ownership: Individually Owned

**O52**  
**SW**  
**1/4-1/2**  
**0.489 mi.**  
**2580 ft.**

**NO LOCATION AID**  
**53 SUMNER ST**  
**REVERE, MA**  
**Site 2 of 2 in cluster O**

**RGA LUST** **S115004015**  
**N/A**

**Relative:**  
**Higher**

RGA LUST:  
 2012 NO LOCATION AID 53 SUMNER ST  
 2011 NO LOCATION AID 53 SUMNER ST  
 2010 NO LOCATION AID 53 SUMNER ST  
 2009 NO LOCATION AID 53 SUMNER ST  
 2008 NO LOCATION AID 53 SUMNER ST  
 2007 NO LOCATION AID 53 SUMNER ST  
 2006 NO LOCATION AID 53 SUMNER ST  
 2005 NO LOCATION AID 53 SUMNER ST  
 2004 NO LOCATION AID 53 SUMNER ST

**Actual:**  
**37 ft.**

**53**  
**NNE**  
**1/4-1/2**  
**0.490 mi.**  
**2588 ft.**

**NORTH LOT**  
**OCEAN AVE AND REVERE STREET**  
**REVERE, MA 02108**

**SHWS** **S113805116**  
**INST CONTROL** **N/A**  
**RELEASE**

**Relative:**  
**Higher**

SHWS:  
 Release Tracking Number/Current Status: 3-0031608 / RAO  
 Release Town: REVERE  
 Notification Date: 06/24/2013  
 Category: 120 DY  
 Associated ID: Not reported  
**Current Status: Response Action Outcome**

**Actual:**  
**18 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH LOT (Continued)**

**S113805116**

Status Date: 11/27/2013  
Phase: Not reported  
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.  
Oil Or Haz Material: Hazardous Material  
Source: UNKNOWN

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: DIBENZO[A,H]ANTHRACENE  
Quantity: 1.3 milligrams per kilogram  
Chemical: BENZO[B]FLUORANTHENE  
Quantity: 9.3 milligrams per kilogram  
Chemical: BENZ[A]ANTHRACENE  
Quantity: 8.1 milligrams per kilogram  
Chemical: PHENANTHRENE  
Quantity: 24 milligrams per kilogram  
Chemical: BENZO[A]PYRENE  
Quantity: 7.3 milligrams per kilogram  
Chemical: LEAD  
Quantity: 1200 milligrams per kilogram

**Actions:**

Action Type: Activity and Use Limitation  
Action Status: Legal Notice Published  
Action Date: 1/7/2014  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 10/14/2014  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/24/2014  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 11/10/2015  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 11/25/2013



MAP FINDINGS

**NORTH LOT (Continued)**

**S113805116**

Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	11/27/2013
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	11/29/2013
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	11/29/2013
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	3/18/2015
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	3/19/2015
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	3/30/2015
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	3/31/2014
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	5/15/2015
Response Action Outcome:	Remedial actions have not been conducted because a level of No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH LOT (Continued)**

**S113805116**

Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 5/4/2015  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Abatement Measure  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 6/23/2014  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/24/2013  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 6/24/2013  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/24/2013  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 6/26/2014  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 7/11/2013  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 7/20/2015  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH LOT (Continued)**

**S113805116**

AULs that have been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 9/29/2016  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 9/29/2016  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 9/30/2014  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 9/8/2015  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

**INST CONTROL:**

Release Tracking Number: 3-0031608  
Action Type: AUL  
Action Stat: LEGNOT  
Action Date: 01/07/2014  
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Release Tracking Number: 3-0031608  
Action Type: AUL  
Action Stat: RECPT  
Action Date: 10/24/2014  
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

**Release:**

Release Tracking Number/Current Status: 3-0031608 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 06/24/2013  
Category: 120 DY  
Status Date: 11/27/2013  
Phase: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH LOT (Continued)**

**S113805116**

Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.  
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Activity and Use Limitation  
Action Status: Legal Notice Published  
Action Date: 1/7/2014  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 10/14/2014  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/24/2014  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 11/10/2015  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 11/25/2013  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 11/27/2013  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 11/29/2013  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH LOT (Continued)**

**S113805116**

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 11/29/2013  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 3/18/2015  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 3/19/2015  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 3/30/2015  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 3/31/2014  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 5/15/2015  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 5/4/2015  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Abatement Measure  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 6/23/2014  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Disposition

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH LOT (Continued)**

**S113805116**

Action Status:	Reportable Release under MGL 21E
Action Date:	6/24/2013
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/24/2013
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	6/24/2013
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	6/26/2014
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	7/11/2013
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	7/20/2015
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	9/29/2016
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	9/29/2016
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NORTH LOT (Continued)**

**S113805116**

Action Date: 9/30/2014  
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: BOL  
 Action Status: SHPFAC  
 Action Date: 9/8/2015  
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Chemicals:  
 Chemical: DIBENZO[A,H]ANTHRACENE  
 Quantity: 1.3 milligrams per kilogram  
 Chemical: BENZO[B]FLUORANTHENE  
 Quantity: 9.3 milligrams per kilogram  
 Chemical: BENZ[A]ANTHRACENE  
 Quantity: 8.1 milligrams per kilogram  
 Chemical: PHENANTHRENE  
 Quantity: 24 milligrams per kilogram  
 Chemical: BENZO[A]PYRENE  
 Quantity: 7.3 milligrams per kilogram  
 Chemical: LEAD  
 Quantity: 1200 milligrams per kilogram  
 Source: UNKNOWN

**54  
 NNE  
 1/4-1/2  
 0.497 mi.  
 2623 ft.**

**EASTER COUNTY DRAINAGE DITCH  
 REVERE STREET  
 REVERE, MA 01251**

**US BROWNFIELDS 1016356860  
 FINDS N/A**

**Relative:  
 Higher**

US BROWNFIELDS:  
 Recipient name: Revere, City of  
 Grant type: Assessment  
 Property name: EASTER COUNTY DRAINAGE DITCH  
 Property #: Not reported  
 Parcel size: 3  
 Property Description: Not reported  
 Latitude: 42.4186332  
 Longitude: -70.9872895  
 HCM label: Not reported  
 Map scale: Not reported  
 Point of reference: Not reported  
 Datum: World Geodetic System of 1984  
 ACRES property ID: 100185  
 Start date: Not reported  
 Completed date: Not reported  
 Acres cleaned up: Not reported  
 Cleanup funding: Not reported  
 Cleanup funding source: Not reported  
 Assessment funding: 18500  
 Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
 Redevelopment funding: Not reported  
 Redev. funding source: Not reported  
 Redev. funding entity name: Not reported

**Actual:  
 16 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EASTER COUNTY DRAINAGE DITCH (Continued)**

**1016356860**

Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	Hazardous
Accomplishment type:	Phase II Environmental Assessment
Accomplishment count:	0
Cooperative agreement #:	97164101
Ownership entity:	Government
Current owner:	City of Revere
Did owner change:	N
Cleanup required:	Unknown
Video available:	No
Photo available:	No
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	No
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EASTER COUNTY DRAINAGE DITCH (Continued)**

**1016356860**

Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Highlights:	Not reported
IC Data Address:	Not reported
Redev Completion Date:	Not reported
# Below Poverty:	954
% Below Poverty:	4.2%
# Low Income:	1920
% Low Income:	2.1%
Meidan Income:	7884
# Unemployed:	165
% Unemployed:	24.4%
# Vacant Housing:	191
% Vacant Housing:	21.1%
Recipient name:	Revere, City of
Grant type:	Assessment
Property name:	EASTER COUNTY DRAINAGE DITCH

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EASTER COUNTY DRAINAGE DITCH (Continued)**

**1016356860**

Property #:	Not reported
Parcel size:	3
Property Description:	Not reported
Latitude:	42.4186332
Longitude:	-70.9872895
HCM label:	Not reported
Map scale:	Not reported
Point of reference:	Not reported
Datum:	World Geodetic System of 1984
ACRES property ID:	100185
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	3500
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	Hazardous
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	97164101
Ownership entity:	Government
Current owner:	City of Revere
Did owner change:	N
Cleanup required:	Unknown
Video available:	No
Photo available:	No
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	No
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EASTER COUNTY DRAINAGE DITCH (Continued)**

**1016356860**

Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	0
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**EASTER COUNTY DRAINAGE DITCH (Continued)**

**1016356860**

Building material media cleaned up: Not reported  
 Indoor air media cleaned up: Not reported  
 Unknown media cleaned up: Not reported  
 Past Use: Multistory Not reported  
 Highlights: Not reported  
 IC Data Address: Not reported  
 Redev Completion Date: Not reported  
 # Below Poverty: 954  
 % Below Poverty: 4.2%  
 # Low Income: 1920  
 % Low Income: 2.1%  
 Median Income: 7884  
 # Unemployed: 165  
 % Unemployed: 24.4%  
 # Vacant Housing: 191  
 % Vacant Housing: 21.1%

**FINDS:**

Registry ID: 110042301461

**Environmental Interest/Information System**

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)  
 is a federal online database for Brownfields Grantees to  
 electronically submit data directly to EPA.

<b>P55</b>	<b>NO LOCATION AID</b>	<b>RGA HWS</b>	<b>S115036760</b>
<b>North</b>	<b>46 FORD ST</b>		<b>N/A</b>
<b>1/2-1</b>	<b>REVERE, MA</b>		

**0.516 mi.**  
**2725 ft.** **Site 1 of 2 in cluster P**

**Relative:** RGA HWS: 1996 NO LOCATION AID 46 FORD ST  
**Higher**

**Actual:**  
**15 ft.**

<b>P56</b>	<b>PROPERTY</b>	<b>RGA HWS</b>	<b>S115044264</b>
<b>North</b>	<b>46 FORD ST</b>		<b>N/A</b>
<b>1/2-1</b>	<b>REVERE, MA</b>		

**0.516 mi.**  
**2725 ft.** **Site 2 of 2 in cluster P**

**Relative:** RGA HWS:  
**Higher** 2001 PROPERTY 46 FORD ST  
 2000 PROPERTY 46 FORD ST  
**Actual:** 1999 PROPERTY 46 FORD ST  
**15 ft.** 1998 PROPERTY 46 FORD ST  
 1997 PROPERTY 46 FORD ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**Q57**  
**WSW**  
**1/2-1**  
**0.516 mi.**  
**2727 ft.**

**BELL CIRCLE RTE 1A**  
**440 BEACH ST**  
**REVERE, MA**  
**Site 1 of 10 in cluster Q**

**RGA HWS** **S115013309**  
**N/A**

**Relative:**  
**Higher**

RGA HWS:

2012	BELL CIRCLE RTE 1A	440 BEACH ST
2011	BELL CIRCLE RTE 1A	440 BEACH ST
2010	BELL CIRCLE RTE 1A	440 BEACH ST
2009	BELL CIRCLE RTE 1A	440 BEACH ST
2008	BELL CIRCLE RTE 1A	440 BEACH ST
2007	BELL CIRCLE RTE 1A	440 BEACH ST
2006	BELL CIRCLE RTE 1A	440 BEACH ST
2005	BELL CIRCLE RTE 1A	440 BEACH ST
2004	BELL CIRCLE RTE 1A	440 BEACH ST
2003	BELL CIRCLE RTE 1A	440 BEACH ST
2002	BELL CIRCLE RTE 1A	440 BEACH ST

**Actual:**  
**21 ft.**

**Q58**  
**WSW**  
**1/2-1**  
**0.516 mi.**  
**2727 ft.**

**BELL CIRCLE RTE 1A**  
**440 BEACH ST**  
**REVERE, MA 02151**  
**Site 2 of 10 in cluster Q**

**SHWS** **S105521907**  
**RELEASE** **N/A**

**Relative:**  
**Higher**

SHWS:

Release Tracking Number/Current Status: 3-0021394 / URAM  
Release Town: REVERE  
Notification Date: 01/11/2002  
Category: 120 DY  
Associated ID: Not reported  
**Current Status: URAM**  
Status Date: 02/11/2002  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil  
Location Type: RIGHTOFWAY  
Source: UNKNOWN

**Actual:**  
**21 ft.**

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: TPH  
Quantity: 2000 parts per million

Actions:

Action Type: Utility-related Abatement Measure  
Action Status: Notice of Intent to Conduct a URAM  
Action Date: 1/11/2002  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/11/2002  
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 12/31/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BELL CIRCLE RTE 1A (Continued)**

**S105521907**

Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure  
Action Status: Notification of URAM Received  
Action Date: 2/11/2002  
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 3/27/2003  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/24/2002  
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 5/16/2002  
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0021394 / URAM  
Primary ID: Not reported  
Official City: REVERE  
Notification: 01/11/2002  
Category: 120 DY  
Status Date: 02/11/2002  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Utility-related Abatement Measure  
Action Status: Notice of Intent to Conduct a URAM  
Action Date: 1/11/2002  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/11/2002  
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 12/31/2004  
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure  
Action Status: Notification of URAM Received  
Action Date: 2/11/2002  
Response Action Outcome: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BELL CIRCLE RTE 1A (Continued)**

**S105521907**

Action Type: Utility-related Abatement Measure  
 Action Status: Status or Interim Report Received  
 Action Date: 3/27/2003  
 Response Action Outcome: Not reported

Action Type: Release Disposition  
 Action Status: Reportable Release under MGL 21E  
 Action Date: 4/24/2002  
 Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure  
 Action Status: Status or Interim Report Received  
 Action Date: 5/16/2002  
 Response Action Outcome: Not reported

Chemicals:  
 Chemical: TPH  
 Quantity: 2000 parts per million  
 Location Type: RIGHTOFWAY  
 Source: UNKNOWN

**Q59**  
**WSW**  
 1/2-1  
 0.520 mi.  
 2748 ft.

**SITE DEVELOPMENT**  
**60 UPHAM ST**  
**REVERE, MA**

**RGA HWS S115049426**  
**N/A**

Site 3 of 10 in cluster Q

Relative: Higher RGA HWS: 2012 SITE DEVELOPMENT 60 UPHAM ST

Actual: 21 ft.

**Q60**  
**WSW**  
 1/2-1  
 0.520 mi.  
 2748 ft.

**SWALE AREA**  
**60 UPHAM ST**  
**REVERE, MA**

**RGA HWS S115051014**  
**N/A**

Site 4 of 10 in cluster Q

Relative: Higher RGA HWS:  
 2012 SWALE AREA 60 UPHAM ST  
 2011 SWALE AREA 60 UPHAM ST  
 Actual: 21 ft. 2010 SWALE AREA 60 UPHAM ST  
 2009 SWALE AREA 60 UPHAM ST  
 2008 SWALE AREA 60 UPHAM ST  
 2007 SWALE AREA 60 UPHAM ST

**Q61**  
**WSW**  
 1/2-1  
 0.520 mi.  
 2748 ft.

**SWALE AREA**  
**60 UPHAM ST**  
**REVERE, MA 02151**

**SHWS S108859127**  
**LUST N/A**  
**INST CONTROL**  
**RELEASE**  
**ENF**

Site 5 of 10 in cluster Q

Relative: Higher SHWS:  
 Release Tracking Number/Current Status: 3-0028661 / RAONR  
 Release Town: REVERE  
 Actual: 21 ft. Notification Date: 08/06/2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SWALE AREA (Continued)

S108859127

Category: 72 HR  
Associated ID: 3-0026964  
**Current Status: Response Action Outcome Not Required**  
Status Date: 06/04/2010  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil and Hazardous Material  
Location Type: COMMERCIAL  
Source: VESTIGATN  
Source: UNDER IN

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: LNAPL  
Quantity: .72 inches  
Chemical: #2 FUEL OIL  
Quantity: 7.2 inches

Actions:

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/5/2009  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 10/5/2009  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/5/2009  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 10/6/2009  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 12/10/2009  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 12/4/2009  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 3/5/2010  
Response Action Outcome: Not reported

Action Type: Immediate Response Action



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SWALE AREA (Continued)**

**S108859127**

Action Status:	Level I - Technical Screen Audit
Action Date:	4/13/2010
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	4/13/2010
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	6/4/2010
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	6/4/2010
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	6/4/2010
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	7/30/2008
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	8/31/2009
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/6/2009
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	8/6/2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SWALE AREA (Continued)

S108859127

Response Action Outcome: Not reported

Release Tracking Number/Current Status: 3-0026964 / RAO

Release Town: REVERE

Notification Date: 07/24/2007

Category: 72 HR

Associated ID: 3-0026964

**Current Status:** **Response Action Outcome**

Status Date: 06/27/2013

Phase: PHASE III

Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Oil Or Haz Material: Oil

Location Type: COMMERCIAL

Source: UNKNOWN

Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: DIESEL FUEL

Quantity: 200 parts per million

Chemical: WASTE OIL

Quantity: Not reported

Actions:

Action Type: Release Abatement Measure

Action Status: Written Plan Received

Action Date: 11/2/2011

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure

Action Status: Level I - Technical Screen Audit

Action Date: 11/4/2011

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Immediate Response Action

Action Status: Completion Statement Received

Action Date: 12/24/2007

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO

Action Status: Level I - Technical Screen Audit

Action Date: 12/5/2014

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SWALE AREA (Continued)**

**S108859127**

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 2/21/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 2/24/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 4/5/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 5/16/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 6/25/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Partial RAO for this RTN  
Action Status: RAO Statement Received  
Action Date: 6/27/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 6/27/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via IRA Completion Statement  
Action Date: 6/4/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SWALE AREA (Continued)**

**S108859127**

Action Status:	Scope of Work Received
Action Date:	7/1/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	7/24/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Immediate Response Action
Action Status:	IRA Assessment Only
Action Date:	7/24/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	7/28/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	7/28/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/28/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	7/28/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	7/30/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SWALE AREA (Continued)**

**S108859127**

Action Date: 8/23/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 8/23/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 9/10/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/19/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 9/19/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number/Current Status: 3-0027123 / RAONR  
Release Town: REVERE  
Notification Date: 09/19/2007  
Category: 120 DY  
Associated ID: 3-0026964  
**Current Status: Response Action Outcome Not Required**  
Status Date: 07/28/2008  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: BENZO[A]PYRENE  
Quantity: 38 milligrams per kilogram  
Chemical: PHENANTHRENE  
Quantity: 125 milligrams per kilogram  
Chemical: ANTHRACENE  
Quantity: 38.9 milligrams per kilogram  
Chemical: BENZO[A]ANTHRACENE  
Quantity: 53.3 milligrams per kilogram

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SWALE AREA (Continued)

S108859127

Chemical:	C11 THRU C22 AROMATIC HYDROCARBONS
Quantity:	3180 milligrams per kilogram
Chemical:	LEAD
Quantity:	2470 milligrams per kilogram
Chemical:	BENZO[B]FLUORANTHENE
Quantity:	42.4 milligrams per kilogram
Chemical:	CHROMIUM
Quantity:	56.7 milligrams per kilogram
Chemical:	CHRYSENE
Quantity:	50.3 milligrams per kilogram
Actions:	
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	10/3/2007
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	6/4/2010
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	7/17/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	7/30/2008
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	9/19/2007
Response Action Outcome:	Not reported
Action Type:	RNF

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SWALE AREA (Continued)**

**S108859127**

Action Status: Reportable Release under MGL 21E  
Action Date: 9/19/2007  
Response Action Outcome: Not reported

LUST:

Facility:

Release Tracking Number/Current Status: 3-0026892 / RAO  
Status Date: 08/20/2007  
Source Type: UST  
Release Town: REVERE  
Notification Date: 06/22/2007  
Category: 72 HR  
Associated ID: Not reported  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Oil  
Location Type: COMMERCIAL  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: WASTE OIL  
Quantity: Not reported

Actions:

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/15/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/22/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 6/22/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 7/18/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SWALE AREA (Continued)**

**S108859127**

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 7/18/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/20/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/20/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Facility:

Release Tracking Number/Current Status: 3-0026964 / RAO  
Status Date: 06/27/2013  
Source Type: UST  
Release Town: REVERE  
Notification Date: 07/24/2007  
Category: 72 HR  
Associated ID: 3-0026964  
Phase: PHASE III  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Oil Or Haz Material: Oil

Location Type: COMMERCIAL  
Source: UNKNOWN  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: DIESEL FUEL  
Quantity: 200 parts per million  
Chemical: WASTE OIL  
Quantity: Not reported

Actions:

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 11/2/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 11/4/2011



MAP FINDINGS

**SWALE AREA (Continued)**

**S108859127**

Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	12/24/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	12/5/2014
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	2/21/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	2/24/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	4/5/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	5/16/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Activity and Use Limitation
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/25/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Partial RAO for this RTN
Action Status:	RAO Statement Received
Action Date:	6/27/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SWALE AREA (Continued)

S108859127

reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 6/27/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via IRA Completion Statement  
Action Date: 6/4/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 7/1/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/24/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 7/24/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 7/28/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 7/28/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/28/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SWALE AREA (Continued)

S108859127

been implemented.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 7/28/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 7/30/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/23/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 8/23/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 9/10/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/19/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 9/19/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

INST CONTROL:  
Release Tracking Number: 3-0026964  
Action Type: AUL  
Action Stat: RECPT  
Action Date: 06/25/2013

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SWALE AREA (Continued)**

**S108859127**

Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release:

Release Tracking Number/Current Status: 3-0026892 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 06/22/2007  
Category: 72 HR  
Status Date: 08/20/2007  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/15/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/22/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 6/22/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 7/18/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 7/18/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/20/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SWALE AREA (Continued)**

**S108859127**

Action Status: RAO Statement Received  
Action Date: 8/20/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: WASTE OIL  
Quantity: Not reported  
Location Type: COMMERCIAL  
Source: UST

Release Tracking Number/Current Status: 3-0026964 / RAO  
Primary ID: 3-0026964  
Official City: REVERE  
Notification: 07/24/2007  
Category: 72 HR  
Status Date: 06/27/2013  
Phase: PHASE III  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:  
Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 11/2/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 11/4/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 12/24/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 12/5/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SWALE AREA (Continued)**

**S108859127**

Action Date: 2/21/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 2/24/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 4/5/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSSENT  
Action Date: 5/16/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 6/25/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Partial RAO for this RTN  
Action Status: RAO Statement Received  
Action Date: 6/27/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 6/27/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via IRA Completion Statement  
Action Date: 6/4/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 7/1/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SWALE AREA (Continued)**

**S108859127**

Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	7/24/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Immediate Response Action
Action Status:	IRA Assessment Only
Action Date:	7/24/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	7/28/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	7/28/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/28/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	7/28/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	7/30/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	8/23/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SWALE AREA (Continued)**

**S108859127**

reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 8/23/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 9/10/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/19/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 9/19/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

**Chemicals:**

Chemical: DIESEL FUEL  
Quantity: 200 parts per million  
Chemical: WASTE OIL  
Quantity: Not reported  
Location Type: COMMERCIAL  
Source: UNKNOWN  
Source: UST

Release Tracking Number/Current Status: 3-0027123 / RAONR  
Primary ID: 3-0026964  
Official City: REVERE  
Notification: 09/19/2007  
Category: 120 DY  
Status Date: 07/28/2008  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 10/3/2007



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SWALE AREA (Continued)

S108859127

Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via IRA Completion Statement  
Action Date: 6/4/2010  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 7/17/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: RAO Not Required  
Action Status: Linked to a Tier Classified Site  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 7/30/2008  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/19/2007  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/19/2007  
Response Action Outcome: Not reported

Chemicals:

Chemical: BENZO[A]PYRENE  
Quantity: 38 milligrams per kilogram

Chemical: PHENANTHRENE  
Quantity: 125 milligrams per kilogram

Chemical: ANTHRACENE  
Quantity: 38.9 milligrams per kilogram

Chemical: BENZO[A]ANTHRACENE  
Quantity: 53.3 milligrams per kilogram

Chemical: C11 THRU C22 AROMATIC HYDROCARBONS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SWALE AREA (Continued)**

**S108859127**

Quantity: 3180 milligrams per kilogram  
Chemical: LEAD  
Quantity: 2470 milligrams per kilogram  
Chemical: BENZO[B]FLUORANTHENE  
Quantity: 42.4 milligrams per kilogram  
Chemical: CHROMIUM  
Quantity: 56.7 milligrams per kilogram  
Chemical: CHRYSENE  
Quantity: 50.3 milligrams per kilogram

Release Tracking Number/Current Status: 3-0028661 / RAONR  
Primary ID: 3-0026964  
Official City: REVERE  
Notification: 08/06/2009  
Category: 72 HR  
Status Date: 06/04/2010  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/5/2009  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 10/5/2009  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/5/2009  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 10/6/2009  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 12/10/2009  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 12/4/2009  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 3/5/2010  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SWALE AREA (Continued)**

**S108859127**

Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	4/13/2010
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	4/13/2010
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	6/4/2010
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	6/4/2010
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	6/4/2010
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	7/30/2008
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	8/31/2009
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/6/2009
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SWALE AREA (Continued)

S108859127

Action Date: 8/6/2009  
Response Action Outcome: Not reported

Chemicals:  
Chemical: LNAPL  
Quantity: .72 inches  
Chemical: #2 FUEL OIL  
Quantity: 7.2 inches  
Location Type: COMMERCIAL  
Source: VESTIGATN  
Source: UNDER IN

ENFORCEMENT:

Region: NERO  
DEP Region: NERO  
DEP Program: 3C  
DEP Bureau: BWSC  
Program: Not reported  
Program Id: 3-0026892  
High Or Low Level Enforcement: LLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 07/18/2007  
ENF #: Not reported  
Document Type: IDL  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Not reported  
Regional Comment: Not reported  
Final Payment Due Date: Not reported  
ACOP \$: Not reported  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EM\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: Commercially Owned

Region: NERO  
DEP Region: NERO  
DEP Program: 3C  
DEP Bureau: BWSC  
Program: Not reported  
Program Id: 3-0026964  
High Or Low Level Enforcement: LLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 08/23/2007  
ENF #: Not reported  
Document Type: IDL  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SWALE AREA (Continued)**

**S108859127**

EJ Community (Y/N): Not reported  
 Regional Comment: Not reported  
 Final Payment Due Date: Not reported  
 ACOP \$: Not reported  
 PAN \$: Not reported  
 EMS (Y/N): Not reported  
 EMS\$: Not reported  
 SEP (Y/N): Not reported  
 SEP \$: Not reported  
 Demand \$: Not reported  
 Suspended \$: Not reported  
 Ownership: Commercially Owned

**Q62 NO LOCATION AID RGA HWS S115037396**  
**WSW 60 UPHAM ST N/A**  
**1/2-1 REVERE, MA**  
**0.520 mi.**  
**2748 ft. Site 6 of 10 in cluster Q**

Relative: RGA HWS:  
**Higher** 2012 NO LOCATION AID 60 UPHAM ST  
 2011 NO LOCATION AID 60 UPHAM ST  
 Actual: 2010 NO LOCATION AID 60 UPHAM ST  
**21 ft.** 2009 NO LOCATION AID 60 UPHAM ST

**Q63 EVERETT STREET UST A RGA HWS S115019990**  
**WSW 430 BEACH ST N/A**  
**1/2-1 REVERE, MA**  
**0.533 mi.**  
**2814 ft. Site 7 of 10 in cluster Q**

Relative: RGA HWS:  
**Higher** 2012 EVERETT STREET UST A 430 BEACH ST  
 2011 EVERETT STREET UST A 430 BEACH ST  
 Actual: 2010 EVERETT STREET UST A 430 BEACH ST  
**20 ft.** 2009 EVERETT STREET UST A 430 BEACH ST  
 2008 EVERETT STREET UST A 430 BEACH ST

**Q64 LOUS CUSTOM EXHAUST FMR SHWS S105596734**  
**WSW 430 BEACH ST LUST N/A**  
**1/2-1 REVERE, MA 02151 RELEASE**  
**0.533 mi.**  
**2814 ft. Site 8 of 10 in cluster Q**

Relative: SHWS:  
**Higher** Release Tracking Number/Current Status: 3-0027215 / RAONR  
 Release Town: REVERE  
 Actual: Notification Date: 10/26/2007  
**20 ft.** Category: 72 HR  
 Associated ID: 3-0026964  
**Current Status: Response Action Outcome Not Required**  
 Status Date: 07/28/2008  
 Phase: Not reported  
 Response Action Outcome: -  
 Oil Or Haz Material: Oil and Hazardous Material

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOUS CUSTOM EXHAUST FMR (Continued)**

**S105596734**

Location Type: TION SITE  
Location Type: CONSTRUC  
Location Type: COMMERCIAL  
Source: 1000 GAL  
Source: UST  
Source: WASTEOIL

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
Quantity: 477 milligrams per kilogram  
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS  
Quantity: 1600 milligrams per kilogram  
Chemical: WASTE OIL  
Quantity: 200 parts per million  
Chemical: BENZENE, 1,3-DICHLORO-  
Quantity: 1.4 milligrams per kilogram  
Chemical: C19 THRU C36 ALIPHATIC HYDROCARBONS  
Quantity: 7160 milligrams per kilogram  
Chemical: BENZENE, 1,3,5-TRIMETHYL-  
Quantity: 21 milligrams per kilogram  
Chemical: 2-METHYLNAPHTHALENE  
Quantity: 6.73 milligrams per kilogram  
Chemical: NAPHTHALENE  
Quantity: 11 milligrams per kilogram

**Actions:**

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/26/2007  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/26/2007  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 11/15/2007  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 12/10/2007  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/10/2007  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via IRA Completion Statement  
Action Date: 6/4/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOUS CUSTOM EXHAUST FMR (Continued)**

**S105596734**

Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: RAO Not Required  
Action Status: Linked to a Tier Classified Site  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 7/30/2008  
Response Action Outcome: Not reported

Release Tracking Number/Current Status: 3-0021926 / RAO  
Release Town: REVERE  
Notification Date: 07/09/2002  
Category: TWO HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 05/02/2005  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Oil Or Haz Material: Oil  
Location Type: RESIDENTIAL  
Location Type: COMMERCIAL

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Chemicals:  
Chemical: HYDRAULIC FLUID  
Quantity: Not reported  
Chemical: HYDRAULIC OIL  
Quantity: 10 gallons

Actions:  
Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 10/1/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOUS CUSTOM EXHAUST FMR (Continued)**

**S105596734**

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 11/4/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 3/25/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 4/15/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 4/27/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 5/2/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/2/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 7/14/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 7/9/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/9/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 8/10/2004



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOUS CUSTOM EXHAUST FMR (Continued)**

**S105596734**

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

LUST:

Facility:

Release Tracking Number/Current Status: 3-0026983 / RAONR  
Status Date: 07/28/2008  
Source Type: UST  
Release Town: REVERE  
Notification Date: 08/02/2007  
Category: 72 HR  
Associated ID: 3-0026964  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil

Location Type: COMMERCIAL  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: DIESEL FUEL  
Quantity: 184 parts per million  
Chemical: VPH  
Quantity: 3079 milligrams per kilogram  
Chemical: EPH  
Quantity: 6701 milligrams per kilogram

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSSENT  
Action Date: 6/10/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via IRA Completion Statement  
Action Date: 6/4/2010  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: RAO Not Required  
Action Status: Linked to a Tier Classified Site  
Action Date: 7/28/2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOUS CUSTOM EXHAUST FMR (Continued)**

**S105596734**

Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	7/30/2008
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	8/2/2007
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/2/2007
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	8/23/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of a Modified Plan
Action Date:	8/6/2007
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	8/6/2007
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	9/19/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	9/19/2007
Response Action Outcome:	Not reported

Facility:

Release Tracking Number/Current Status:	3-0027215 / RAONR
Status Date:	07/28/2008
Source Type:	UST
Release Town:	REVERE
Notification Date:	10/26/2007
Category:	72 HR
Associated ID:	3-0026964
Phase:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOUS CUSTOM EXHAUST FMR (Continued)**

**S105596734**

Response Action Outcome: -  
Oil Or Haz Material: Oil and Hazardous Material

Location Type: TION SITE  
Location Type: CONSTRUC  
Location Type: COMMERCIAL  
Source: 1000 GAL  
Source: UST  
Source: WASTEOIL

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
Quantity: 477 milligrams per kilogram  
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS  
Quantity: 1600 milligrams per kilogram  
Chemical: WASTE OIL  
Quantity: 200 parts per million  
Chemical: BENZENE, 1,3-DICHLORO-  
Quantity: 1.4 milligrams per kilogram  
Chemical: C19 THRU C36 ALIPHATIC HYDROCARBONS  
Quantity: 7160 milligrams per kilogram  
Chemical: BENZENE, 1,3,5-TRIMETHYL-  
Quantity: 21 milligrams per kilogram  
Chemical: 2-METHYLNAPHTHALENE  
Quantity: 6.73 milligrams per kilogram  
Chemical: NAPHTHALENE  
Quantity: 11 milligrams per kilogram

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/26/2007  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/26/2007  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 11/15/2007  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 12/10/2007  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/10/2007  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOUS CUSTOM EXHAUST FMR (Continued)**

**S105596734**

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via IRA Completion Statement  
Action Date: 6/4/2010  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: RAO Not Required  
Action Status: Linked to a Tier Classified Site  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 7/30/2008  
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0021926 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 07/09/2002  
Category: TWO HR  
Status Date: 05/02/2005  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 10/1/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 11/4/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOUS CUSTOM EXHAUST FMR (Continued)**

**S105596734**

to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 3/25/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 4/15/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 4/27/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 5/2/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/2/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 7/14/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 7/9/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/9/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 8/10/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOUS CUSTOM EXHAUST FMR (Continued)**

**S105596734**

Chemicals:

Chemical: HYDRAULIC FLUID  
Quantity: Not reported  
Chemical: HYDRAULIC OIL  
Quantity: 10 gallons  
Location Type: RESIDENTIAL  
Location Type: COMMERCIAL

Release Tracking Number/Current Status: 3-0026983 / RAONR  
Primary ID: 3-0026964  
Official City: REVERE  
Notification: 08/02/2007  
Category: 72 HR  
Status Date: 07/28/2008  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSSENT  
Action Date: 6/10/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via IRA Completion Statement  
Action Date: 6/4/2010  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: RAO Not Required  
Action Status: Linked to a Tier Classified Site  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 7/30/2008  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOUS CUSTOM EXHAUST FMR (Continued)**

**S105596734**

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 8/2/2007  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/2/2007  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/23/2007  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Oral Approval of a Modified Plan  
Action Date: 8/6/2007  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/6/2007  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/19/2007  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 9/19/2007  
Response Action Outcome: Not reported

Chemicals:  
Chemical: DIESEL FUEL  
Quantity: 184 parts per million  
Chemical: VPH  
Quantity: 3079 milligrams per kilogram  
Chemical: EPH  
Quantity: 6701 milligrams per kilogram  
Location Type: COMMERCIAL  
Source: UST

Release Tracking Number/Current Status: 3-0027215 / RAONR  
Primary ID: 3-0026964  
Official City: REVERE  
Notification: 10/26/2007  
Category: 72 HR  
Status Date: 07/28/2008  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil and Hazardous Material

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOUS CUSTOM EXHAUST FMR (Continued)**

**S105596734**

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**Actions:**

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/26/2007  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/26/2007  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 11/15/2007  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 12/10/2007  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/10/2007  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via IRA Completion Statement  
Action Date: 6/4/2010  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: RAO Not Required  
Action Status: Linked to a Tier Classified Site  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 7/30/2008  
Response Action Outcome: Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LOUS CUSTOM EXHAUST FMR (Continued)**

**S105596734**

Chemicals:  
 Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
 Quantity: 477 milligrams per kilogram  
 Chemical: C11 THRU C22 AROMATIC HYDROCARBONS  
 Quantity: 1600 milligrams per kilogram  
 Chemical: WASTE OIL  
 Quantity: 200 parts per million  
 Chemical: BENZENE, 1,3-DICHLORO-  
 Quantity: 1.4 milligrams per kilogram  
 Chemical: C19 THRU C36 ALIPHATIC HYDROCARBONS  
 Quantity: 7160 milligrams per kilogram  
 Chemical: BENZENE, 1,3,5-TRIMETHYL-  
 Quantity: 21 milligrams per kilogram  
 Chemical: 2-METHYLNAPHTHALENE  
 Quantity: 6.73 milligrams per kilogram  
 Chemical: NAPHTHALENE  
 Quantity: 11 milligrams per kilogram  
 Location Type: TION SITE  
 Location Type: CONSTRUC  
 Location Type: COMMERCIAL  
 Source: 1000 GAL  
 Source: UST  
 Source: WASTEOIL

<b>Q65</b>	<b>NO LOCATION AID</b>	<b>RGA HWS</b>	<b>S115036627</b>
<b>WSW</b>	<b>430 BEACH ST</b>		<b>N/A</b>
<b>1/2-1</b>	<b>REVERE, MA</b>		
<b>0.533 mi.</b>	<b>Site 9 of 10 in cluster Q</b>		
<b>2814 ft.</b>			
<b>Relative:</b>	RGA HWS:		
<b>Higher</b>	2004 NO LOCATION AID 430 BEACH ST		
	2003 NO LOCATION AID 430 BEACH ST		
<b>Actual:</b>	2002 NO LOCATION AID 430 BEACH ST		
<b>20 ft.</b>			

<b>Q66</b>	<b>LOUS CUSTOM EXHAUST FMR</b>	<b>RGA HWS</b>	<b>S115028250</b>
<b>WSW</b>	<b>430 BEACH ST</b>		<b>N/A</b>
<b>1/2-1</b>	<b>REVERE, MA</b>		
<b>0.533 mi.</b>	<b>Site 10 of 10 in cluster Q</b>		
<b>2814 ft.</b>			
<b>Relative:</b>	RGA HWS:		
<b>Higher</b>	2012 LOUS CUSTOM EXHAUST FMR 430 BEACH ST		
	2011 LOUS CUSTOM EXHAUST FMR 430 BEACH ST		
<b>Actual:</b>	2010 LOUS CUSTOM EXHAUST FMR 430 BEACH ST		
<b>20 ft.</b>	2009 LOUS CUSTOM EXHAUST FMR 430 BEACH ST		
	2008 LOUS CUSTOM EXHAUST FMR 430 BEACH ST		
	2007 LOUS CUSTOM EXHAUST FMR 430 BEACH ST		
	2006 LOUS CUSTOM EXHAUST FMR 430 BEACH ST		
	2005 LOUS CUSTOM EXHAUST FMR 430 BEACH ST		

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

R67  
WSW  
1/2-1  
0.565 mi.  
2983 ft.

INTERSECTION FMR SERVICE STA  
BEACH STREET EVERETT ST  
REVERE, MA 02151

SHWS S108858914  
RELEASE N/A

Site 1 of 2 in cluster R

Relative:  
Higher

SHWS:

Release Tracking Number/Current Status: 3-0027054 / RAONR  
Release Town: REVERE  
Notification Date: 08/20/2007  
Category: 120 DY  
Associated ID: 3-0026964  
**Current Status: Response Action Outcome Not Required**  
Status Date: 07/28/2008  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil and Hazardous Material

Actual:  
23 ft.

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: XYLENE  
Quantity: 2780 micrograms per liter  
Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
Quantity: 467 milligrams per kilogram  
Chemical: C9 THRU C12 ALIPHATIC HYDROCARBONS  
Quantity: 6030 micrograms per liter  
Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS  
Quantity: 6290 micrograms per liter  
Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS  
Quantity: 1460 milligrams per kilogram  
Chemical: C9 THRU C12 ALIPHATIC HYDROCARBONS  
Quantity: 1430 milligrams per kilogram

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSSENT  
Action Date: 6/10/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via IRA Completion Statement  
Action Date: 6/4/2010  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: RAO Not Required  
Action Status: Linked to a Tier Classified Site  
Action Date: 7/28/2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERSECTION FMR SERVICE STA (Continued)**

**S108858914**

Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 7/30/2008  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/20/2007  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/20/2007  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/24/2007  
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0027054 / RAONR  
Primary ID: 3-0026964  
Official City: REVERE  
Notification: 08/20/2007  
Category: 120 DY  
Status Date: 07/28/2008  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSSENT  
Action Date: 6/10/2008  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via IRA Completion Statement  
Action Date: 6/4/2010  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/28/2008  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERSECTION FMR SERVICE STA (Continued)**

**S108858914**

Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	7/28/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	7/30/2008
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/20/2007
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	8/20/2007
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	8/24/2007
Response Action Outcome:	Not reported

Chemicals:

Chemical:	XYLENE
Quantity:	2780 micrograms per liter
Chemical:	C9 THRU C10 AROMATIC HYDROCARBONS
Quantity:	467 milligrams per kilogram
Chemical:	C9 THRU C12 ALIPHATIC HYDROCARBONS
Quantity:	6030 micrograms per liter
Chemical:	C5 THRU C8 ALIPHATIC HYDROCARBONS
Quantity:	6290 micrograms per liter
Chemical:	C5 THRU C8 ALIPHATIC HYDROCARBONS
Quantity:	1460 milligrams per kilogram
Chemical:	C9 THRU C12 ALIPHATIC HYDROCARBONS
Quantity:	1430 milligrams per kilogram

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

R68  
WSW  
1/2-1  
0.565 mi.  
2984 ft.

NO LOCATION AID  
RTE 60 WEST OF BELL CIR  
REVERE, MA 02151

SHWS S105810674  
RELEASE N/A

Site 2 of 2 in cluster R

Relative:  
Higher

SHWS:

Actual:  
25 ft.

Release Tracking Number/Current Status: 3-0020735 / RAO  
Release Town: REVERE  
Notification Date: 05/25/2001  
Category: TWO HR  
Associated ID: Not reported  
**Current Status:** **Response Action Outcome**  
Status Date: 07/24/2001  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil Or Haz Material: Oil  
Location Type: COMMERCIAL  
Location Type: ROADWAY  
Source: VEHICLE

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Chemicals:

Chemical: DIESEL FUEL  
Quantity: 90 gallons

Actions:

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/25/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 5/25/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 5/25/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 5/25/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 5/25/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S105810674**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 6/20/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 6/21/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/24/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 7/24/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status: 3-0020735 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 05/25/2001  
Category: TWO HR  
Status Date: 07/24/2001  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/25/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 5/25/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 5/25/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S105810674**

to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 5/25/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 5/25/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 6/20/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 6/21/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/24/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 7/24/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
Chemical: DIESEL FUEL  
Quantity: 90 gallons  
Location Type: COMMERCIAL  
Location Type: ROADWAY  
Source: VEHICLE

69  
NNW  
1/2-1  
0.593 mi.  
3132 ft.

**NO LOCATION AID  
MARTIN ST  
REVERE, MA 02151**

**SHWS S103043452  
RELEASE N/A**

**Relative:  
Higher**

SHWS:  
Release Tracking Number/Current Status: 3-0016589 / RAO  
Release Town: REVERE  
Notification Date: 03/10/1998  
Category: TWO HR  
Associated ID: Not reported

**Actual:  
20 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103043452**

<b>Current Status:</b>	<b>Response Action Outcome</b>
Status Date:	10/11/2000
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil Or Haz Material:	Hazardous Material
Location Type:	MARSH
Location Type:	TIDAL
Source:	DRUMS

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical:	UNKNOWN CHEMICAL OF TYPE - HAZARDOUS MATERIAL
Quantity:	Not reported

Actions:

Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	10/11/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	3/10/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	3/23/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status:	3-0016589 / RAO
Primary ID:	Not reported
Official City:	REVERE
Notification:	03/10/1998
Category:	TWO HR
Status Date:	10/11/2000
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	10/11/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NO LOCATION AID (Continued)**

**S103043452**

to background or a threat of release has been eliminated.

Action Type: Release Disposition  
 Action Status: Reportable Release under MGL 21E  
 Action Date: 3/10/1998  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
 Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
 Action Date: 3/23/2000  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
 Chemical: UNKNOWN CHEMICAL OF TYPE - HAZARDOUS MATERIAL  
 Quantity: Not reported  
 Location Type: MARSH  
 Location Type: TIDAL  
 Source: DRUMS

**S70**  
**West**  
**1/2-1**  
**0.599 mi.**  
**3161 ft.**

**VACANT LOT**  
**101 AMERICAN LEGION HWY**  
**REVERE, MA**

**RGA HWS S115053413**  
**N/A**

**Site 1 of 3 in cluster S**

**Relative:**  
**Higher**

RGA HWS:

2012	VACANT LOT	101 AMERICAN LEGION HWY
2011	VACANT LOT	101 AMERICAN LEGION HWY
2010	VACANT LOT	101 AMERICAN LEGION HWY
2009	VACANT LOT	101 AMERICAN LEGION HWY
2008	VACANT LOT	101 AMERICAN LEGION HWY
2007	VACANT LOT	101 AMERICAN LEGION HWY
2006	VACANT LOT	101 AMERICAN LEGION HWY
2005	VACANT LOT	101 AMERICAN LEGION HWY
2004	VACANT LOT	101 AMERICAN LEGION HWY
2003	VACANT LOT	101 AMERICAN LEGION HWY

**Actual:**  
**10 ft.**

**S71**  
**West**  
**1/2-1**  
**0.599 mi.**  
**3161 ft.**

**VACANT LOT**  
**101 AMERICAN LEGION HWY**  
**REVERE, MA 02151**

**SHWS S104000659**  
**INST CONTROL**  
**RELEASE N/A**

**Site 2 of 3 in cluster S**

**Relative:**  
**Higher**

SHWS:

Release Tracking Number/Current Status: 3-0018678 / RAO  
 Release Town: REVERE  
 Notification Date: 04/23/1999  
 Category: 120 DY  
 Associated ID: Not reported  
**Current Status: Response Action Outcome**  
 Status Date: 03/31/2003  
 Phase: PHASE IV  
 Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL)

**Actual:**  
**10 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VACANT LOT (Continued)

S104000659

Oil Or Haz Material: has been implemented.  
Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: TPH  
Quantity: 52 parts per million  
Chemical: MERCURY  
Quantity: 81.3 parts per million  
Chemical: ARSENIC  
Quantity: 359 parts per million  
Chemical: LEAD  
Quantity: 5420 parts per million

Actions:

Action Type: Release Abatement Measure  
Action Status: Written Approval of Plan  
Action Date: 10/5/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 11/1/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 2/29/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 2/8/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 3/31/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 3  
Action Status: Completion Statement Received  
Action Date: 3/31/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VACANT LOT (Continued)

S104000659

been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 3/31/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/31/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 3/31/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/23/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 5/28/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Level II - Audit Inspection  
Action Date: 5/28/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 6/9/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/20/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VACANT LOT (Continued)

S104000659

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 9/11/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 9/13/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 9/8/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 9/8/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 9/8/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

INST CONTROL:

Release Tracking Number: 3-0018678  
Action Type: AUL  
Action Stat: RECPT  
Action Date: 03/31/2003  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number: 3-0018678  
Action Type: AUL  
Action Stat: SNAUDI  
Action Date: 05/28/2010  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release:

Release Tracking Number/Current Status: 3-0018678 / RAO  
Primary ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VACANT LOT (Continued)

S104000659

Official City: REVERE  
Notification: 04/23/1999  
Category: 120 DY  
Status Date: 03/31/2003  
Phase: PHASE IV  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.  
Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Release Abatement Measure  
Action Status: Written Approval of Plan  
Action Date: 10/5/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 11/1/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 2/29/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 2/8/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 3/31/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 3  
Action Status: Completion Statement Received  
Action Date: 3/31/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VACANT LOT (Continued)**

**S104000659**

Action Date: 3/31/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/31/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 3/31/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/23/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 5/28/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Level II - Audit Inspection  
Action Date: 5/28/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 6/9/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/20/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 9/11/2000

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VACANT LOT (Continued)**

**S104000659**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
 Action Status: Written Plan Received  
 Action Date: 9/13/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
 Action Status: Transmittal, Notice, or Notification Received  
 Action Date: 9/8/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
 Action Status: Tier 2 Classification  
 Action Date: 9/8/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 1  
 Action Status: Completion Statement Received  
 Action Date: 9/8/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Chemicals:  
 Chemical: TPH  
 Quantity: 52 parts per million  
 Chemical: MERCURY  
 Quantity: 81.3 parts per million  
 Chemical: ARSENIC  
 Quantity: 359 parts per million  
 Chemical: LEAD  
 Quantity: 5420 parts per million

**S72**  
**West**  
**1/2-1**  
**0.599 mi.**  
**3161 ft.**

**VACANT LOT**  
**101 AMERICAN LEGION HGWY**  
**REVERE, MA**  
**Site 3 of 3 in cluster S**

**RGA HWS S115053412**  
**N/A**

**Relative:**  
**Higher**

RGA HWS: 2002 VACANT LOT 101 AMERICAN LEGION HGWY

**Actual:**  
**10 ft.**





Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Action Date:	10/25/2013
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	10/4/2013
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	10/4/2013
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	10/4/2013
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	FLDISS
Action Date:	10/5/2012
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/5/2012
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FLDD1A
Action Date:	10/5/2012
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	10/5/2012
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	10/6/2012
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/7/2012
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	10/8/2012
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/9/2012
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Action Type:  
Action Status:  
Action Date:  
Response Action Outcome:

Tier Classification  
Legal Notice Published  
10/9/2013  
Not reported

Action Type:  
Action Status:  
Action Date:  
Response Action Outcome:

A Notice sent to a Potentially Responsible Party (PRP)  
A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
11/15/2012  
Not reported

Action Type:  
Action Status:  
Action Date:  
Response Action Outcome:

Tier Classification  
Legal Notice Published  
12/12/2013  
Not reported

Action Type:  
Action Status:  
Action Date:  
Response Action Outcome:

RNF  
Reportable Release under MGL 21E  
12/4/2012  
Not reported

Action Type:  
Action Status:  
Action Date:  
Response Action Outcome:

RNFE  
Transmittal, Notice, or Notification Received  
12/4/2012  
Not reported

Action Type:  
Action Status:  
Action Date:  
Response Action Outcome:

Immediate Response Action  
Written Plan Received  
12/4/2012  
Not reported

Action Type:  
Action Status:  
Action Date:  
Response Action Outcome:

Immediate Response Action  
Status or Interim Report Received  
2/17/2014  
Not reported

Action Type:  
Action Status:  
Action Date:  
Response Action Outcome:

RNFE  
Revised Statement or Transmittal Received  
2/4/2013  
Not reported

Action Type:  
Action Status:  
Action Date:  
Response Action Outcome:

Immediate Response Action  
Status or Interim Report Received  
2/4/2013  
Not reported

Action Type:  
Action Status:  
Action Date:  
Response Action Outcome:

RNF  
Reportable Release under MGL 21E  
2/4/2013  
Not reported

Action Type:  
Action Status:  
Action Date:  
Response Action Outcome:

Immediate Response Action  
Status or Interim Report Received  
8/5/2013  
Not reported

Action Type:  
Action Status:

A Notice sent to a Potentially Responsible Party (PRP)  
ALSENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Action Date: 8/6/2013  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 9/4/2014  
Response Action Outcome: Not reported

Release Tracking Number/Current Status: 3-0027620 / RAO  
Release Town: REVERE  
Notification Date: 04/07/2008  
Category: 120 DY  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 10/19/2009  
Phase: Not reported  
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.  
Oil Or Haz Material: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: CHRYSENE  
Quantity: 19.4 milligrams per kilogram  
Chemical: COPPER  
Quantity: .0122 milligrams per liter  
Chemical: LEAD  
Quantity: 31000 milligrams per kilogram  
Chemical: THALLIUM  
Quantity: .0076 milligrams per liter  
Chemical: ARSENIC  
Quantity: .0103 milligrams per liter  
Chemical: ZINC  
Quantity: .0052 milligrams per liter  
Chemical: ANTIMONY  
Quantity: 52.4 milligrams per kilogram

**Actions:**

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/19/2009  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/19/2009  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Activity and Use Limitation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Action Status:	Transmittal, Notice, or Notification Received
Action Date:	10/20/2009
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Activity and Use Limitation
Action Status:	Legal Notice Published
Action Date:	10/22/2009
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	2/6/2009
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	4/7/2008
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	4/7/2008
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	5/15/2008
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	7/1/2010
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	9/14/2009
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

LAST:

Release Tracking Number/Current Status: 3-0031138 / TIERII  
Source Type: AST  
Release Town: REVERE  
Notification Date: 10/05/2012  
Category: TWO HR  
Associated ID: Not reported  
Status Date: 10/04/2013  
Phase: PHASE II  
Response Action Outcome: -  
Oil Or Haz Material: Hazardous Material

Chemicals:

Chemical: AMMONIA  
Quantity: 134 milligrams per kilogram  
Chemical: AMMONIA  
Quantity: 266 milligrams per liter  
Chemical: AMMONIA (ANHYDROUS)  
Quantity: 1000 pounds  
Chemical: AMMONIA, ANHYDROUS  
Quantity: 8000 pounds  
Location Type: INDUSTRIAL  
Source: AST  
Source: CONDENSER  
Source: LINE

Actions:

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 10/25/2013  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/4/2013  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 10/4/2013  
Response Action Outcome: Not reported

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 10/4/2013  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 10/5/2012  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/5/2012  
Response Action Outcome: Not reported

Action Type: RLFA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Action Status:	FLDD1A
Action Date:	10/5/2012
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	10/5/2012
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	10/6/2012
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/7/2012
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	10/8/2012
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/9/2012
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	10/9/2013
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	11/15/2012
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	12/12/2013
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/4/2012
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/4/2012
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	12/4/2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	2/17/2014
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Revised Statement or Transmittal Received
Action Date:	2/4/2013
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	2/4/2013
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	2/4/2013
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	8/5/2013
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	8/6/2013
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	9/4/2014
Response Action Outcome:	Not reported

**AST:**

Facility ID:	22620
Owner Id:	10012
Owner:	NEW ENGLAND CONFECTIONERY CO INC
Owner Address:	135 AMERICAN LEGION HWY
Owner City,St,Zip:	REVERE, MA 02151
Telephone:	(781) 485-4536
Description:	Not reported
Fire Dept. ID:	25248
Date of Inspection:	Not reported
Inspector:	Not reported
Overfill Prevention:	Not reported
Spill Prevention:	Not reported

**Tank Info:**

Tank ID:	1
Serial Number:	31249
Tank Status:	In Use
Capacity:	3000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Contents: Diesel  
Tank Use: Other  
Tank Material: Steel  
Tank Construction: 2 Walls  
Tank Leak Detection: Inventory Record-Keeping and Visual  
Pipe Material: Steel  
Pipe Construction: 1 Wall  
Pipe Leak Detection: Visual Inspection  
Aboveground: Yes

Tank ID: 2  
Serial Number: Unknown  
Tank Status: In Use  
Capacity: 275  
Contents: Diesel  
Tank Use: Other  
Tank Material: Steel  
Tank Construction: Unknown  
Tank Leak Detection: Inventory Record-Keeping and Visual  
Pipe Material: Copper  
Pipe Construction: 1 Wall  
Pipe Leak Detection: Visual Inspection  
Aboveground: Yes

Tank ID: 3  
Serial Number: 50653  
Tank Status: In Use  
Capacity: 150  
Contents: Diesel  
Tank Use: Other  
Tank Material: Steel  
Tank Construction: 2 Walls  
Tank Leak Detection: Inventory Record-Keeping and Visual  
Pipe Material: Steel  
Pipe Construction: 1 Wall  
Pipe Leak Detection: Visual Inspection  
Aboveground: Yes

**INST CONTROL:**

Release Tracking Number: 3-0027620  
Action Type: AUL  
Action Stat: LEGNOT  
Action Date: 10/22/2009  
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Release Tracking Number: 3-0027620  
Action Type: AUL  
Action Stat: RECPT  
Action Date: 10/19/2009  
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Release Tracking Number: 3-0027620



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Action Type: AUL  
Action Stat: RECPT  
Action Date: 10/20/2009  
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Release:

Release Tracking Number/Current Status: 3-0027620 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 04/07/2008  
Category: 120 DY  
Status Date: 10/19/2009  
Phase: Not reported  
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.  
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/19/2009  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/19/2009  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/20/2009  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Activity and Use Limitation  
Action Status: Legal Notice Published  
Action Date: 10/22/2009  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSSENT  
Action Date: 2/6/2009  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
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NO LOCATION AID (Continued)

S107846988

AULs that have been implemented.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/7/2008  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/7/2008  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 5/15/2008  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 7/1/2010  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 9/14/2009  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Chemicals:  
Chemical: CHRYSENE  
Quantity: 19.4 milligrams per kilogram  
Chemical: COPPER  
Quantity: .0122 milligrams per liter  
Chemical: LEAD  
Quantity: 31000 milligrams per kilogram  
Chemical: THALLIUM  
Quantity: .0076 milligrams per liter  
Chemical: ARSENIC  
Quantity: .0103 milligrams per liter  
Chemical: ZINC  
Quantity: .0052 milligrams per liter  
Chemical: ANTIMONY  
Quantity: 52.4 milligrams per kilogram

Release Tracking Number/Current Status: 3-0031138 / TIERII  
Primary ID: Not reported  
Official City: REVERE  
Notification: 10/05/2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Category: TWO HR  
Status Date: 10/04/2013  
Phase: PHASE II  
Response Action Outcome: -  
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 10/25/2013  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/4/2013  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 10/4/2013  
Response Action Outcome: Not reported

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 10/4/2013  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 10/5/2012  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/5/2012  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 10/5/2012  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/5/2012  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 10/6/2012  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 10/7/2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	10/8/2012
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/9/2012
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	10/9/2013
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	11/15/2012
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	12/12/2013
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/4/2012
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/4/2012
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	12/4/2012
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	2/17/2014
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Revised Statement or Transmittal Received
Action Date:	2/4/2013
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	2/4/2013
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 2/4/2013  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 8/5/2013  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSSENT  
Action Date: 8/6/2013  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 9/4/2014  
Response Action Outcome: Not reported

**Chemicals:**

Chemical: AMMONIA  
Quantity: 134 milligrams per kilogram  
Chemical: AMMONIA  
Quantity: 266 milligrams per liter  
Chemical: AMMONIA (ANHYDROUS)  
Quantity: 1000 pounds  
Chemical: AMMONIA, ANHYDROUS  
Quantity: 8000 pounds  
Location Type: INDUSTRIAL  
Source: AST  
Source: CONDENSER  
Source: LINE

**AIRS:**

Facility Status: APPROV  
Permit Code: AQ02  
Permit Name: Plan Application Non-Major Comprehensive  
DEP Region: NE  
Application Tracking Number: W029357  
Date Closed: 01/31/2003  
Applicant Name: NECCO INC  
Applicant Address: 254 MASSACHUSETTS AVE  
Applicant City,St,Zip: CAMBRIDGE, MA 02139  
Applicant Telephone: 6178764700

Facility Status: APPROV  
Permit Code: AQ02  
Permit Name: Plan Application Non-Major Comprehensive  
DEP Region: NE  
Application Tracking Number: W024578  
Date Closed: 04/09/2002  
Applicant Name: TRIGEN BOSTON ENERGY CORP  
Applicant Address: 3 BARKER AVE  
Applicant City,St,Zip: WHITE PLAINS, NY 10601  
Applicant Telephone: 9142726654

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

**ENFORCEMENT:**

Region: NERO  
DEP Region: NERO  
DEP Program: 3A  
DEP Bureau: BWSC  
Program: Not reported  
Program Id: 3-0027620  
High Or Low Level Enforcement: LLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 09/14/2009  
ENF #: NON-NE-09-3A080  
Document Type: NON  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Not reported  
Regional Comment: Not reported  
Final Payment Due Date: Not reported  
ACOP \$: Not reported  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: Commercially Owned

**HW GEN:**

EPA Id: MAC300094349  
RCRA Generator Status: Not reported  
State Generator Status: SQG-MA

**TIER 2:**

Report Year: 2012  
Facility Id: FATR20127S0PP5002TJL  
Facility Dept: Not reported  
Latitude: 42.41  
Longitude: 71.00  
Mailing Address: Not reported  
Mailing City/State/Zip: Not reported  
Mailing Country: Not reported  
Notes: Not reported  
All Chemicals Same As Last Yr: T  
Date Signed: 1-28-2013  
Dike Or Other Safeguard: Not reported  
Failed Validation: Not reported  
Date Modified: 11/15/2013  
Fees Total: Not reported  
Num Of Employees: 600  
Site Coord Abbreviated?: Not reported  
Site Map: Not reported  
State Label Code: MA2012  
Submitted By: Charles Reitz  
Validation Report: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Fire District: Not reported  
Latlong Location Description: CE - Center of Facility  
Latlong Method: I2 - Interpolation (Photo)

Record Key: FDTR20127S0PP5003TJL  
Id: 10 13812  
Type: Dun & Bradstreet  
Description: Not reported  
Last Modified: 3/7/2011

Record Key: FDTR20127S0PSJ004RB1  
Id: 31134  
Type: NAICS  
Description: Non-Chocolate Confectionery Manufacturing  
Last Modified: 3/7/2011

Record Key: FDTR20127S0PTR005T4W  
Id: 2064  
Type: SIC  
Description: CANDY & OTHER CONFECTION PROD  
Last Modified: 3/7/2011

Record Key: FDTR20127S0PTZ006ZY1  
Id: 4931  
Type: SIC  
Description: ELEC & OTHER SERVICES COMBINED  
Last Modified: 3/7/2011

Contact:  
Report Year: 2012  
Contact Record Id: CTTR20127S0PZZ0076KJ  
Title: Facility Manager  
Contact Name: Rubin  
Contact Email: erubin@necco.com  
Contact Mail Address: 135 American Legion Highway  
Contact Mail City: Revere  
Contact Mail State: MA  
Contact Mail Zip: 02151  
Contact Mail Country: USA  
Contact1 Type: Emergency Contact  
Contact2 Type: Emergency Contact  
Contact3 Type: Not reported  
Contact4 Type: Not reported  
Modification Date: 11/15/2013

Contact:  
Report Year: 2012  
Contact Record Id: CTTR20127S0Q4900CWDL  
Title: Eng Manager  
Contact Name: Reitz  
Contact Email: dsmith@necco.com  
Contact Mail Address: 135 American Legion Highway  
Contact Mail City: Revere  
Contact Mail State: MA  
Contact Mail Zip: 02151

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Contact Mail Country: USA  
Contact1 Type: Owner / Operator  
Contact2 Type: Owner / Operator  
Contact3 Type: Not reported  
Contact4 Type: Not reported  
Modification Date: 11/15/2013

Contact:  
Report Year: 2012  
Contact Record Id: CTTR20127S0Q8G00HJFV  
Title: Maint Manager  
Contact Name: Boissoneau  
Contact Email: mfischer@necco.com  
Contact Mail Address: 135 American Legion Highway  
Contact Mail City: Revere  
Contact Mail State: MA  
Contact Mail Zip: 02151  
Contact Mail Country: USA  
Contact1 Type: Emergency Contact  
Contact2 Type: Not reported  
Contact3 Type: Not reported  
Contact4 Type: Not reported  
Modification Date: 11/15/2013

Chemicals:  
Acute: T  
Ave Amount: 35000  
Ave Amount Code: 04  
Chem Inv Record Id: CVTR20127S0QCF00NYPM  
Chem Same As Last Yr: T  
Chronic: T  
CICAS: 7664-41-7  
CI EHS Chemical: T  
CI Last Modified: 11/15/2013  
Days On Site: 365  
Entered Chemical Name: Anhydrous Ammonia  
Fire: T  
Gas: Not reported  
Liquid: T  
Max Amount: 35000  
Max Amount Code: 04  
Max Amt Container: 35000  
Mixture: Not reported  
Pressure: T  
Pure: T  
Reactive: T  
Solid: Not reported  
State01 Checkbox: Not reported  
State01 Number: 6000  
State01 Text: Not reported  
State02 Checkbox: Not reported  
State02 Number: 2  
State02 Text: Year  
State03 Checkbox: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

State03 Number: 6000  
State03 Text: Not reported  
State04 Checkbox: T  
State04 Number: 2000  
State04 Text: Liquid  
State05 Checkbox: Not reported  
State05 Text: Not reported  
State06 Checkbox: Not reported  
State06 Text: Not reported  
State07 Checkbox: Not reported  
State07 Text: no preplanned routes  
State1 Contact Field: varies  
State Label Code: MA2012  
Trade Secret: Not reported

Location:

Record Key: CLTR20127S0QGU00PS4T  
Chem Inv Record Id: CVTR20127S0QCF00NYPM  
Type Code: Tank Inside Building  
Pressure Code: Greater than ambient pressure  
Temperature Code: Less than ambient temp. / not cryog  
Location: Refrigeration Room  
Amount: 33000  
Amount Unit: pounds  
Last Modified: 11/15/2013

Record Key: CLTR20127S0QJ400QW3Q  
Chem Inv Record Id: CVTR20127S0QCF00NYPM  
Type Code: Other  
Pressure Code: Greater than ambient pressure  
Temperature Code: Less than ambient temp. / not cryog  
Location: Piping throughout plant  
Amount: 4000  
Amount Unit: pounds  
Last Modified: 11/15/2013

Record Key: CLTR20127S0QK100RP7L  
Chem Inv Record Id: CVTR20127S0QCF00NYPM  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Less than ambient temp. / not cryog  
Location: Piping throughout plant  
Amount: 1000  
Amount Unit: pounds  
Last Modified: 11/15/2013

Acute: T  
Ave Amount: 3000  
Ave Amount Code: 03  
Chem Inv Record Id: CVTR20127S0QMF00TRTE  
Chem Same As Last Yr: T  
Chronic: Not reported  
CICAS: 1310-73-2  
CI EHS Chemical: Not reported  
CI Last Modified: 11/15/2013  
Days On Site: 365  
Entered Chemical Name: Caustic Soda

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NO LOCATION AID (Continued)

S107846988

Fire: Not reported  
Gas: Not reported  
Liquid: T  
Max Amount: 5500  
Max Amount Code: 03  
Max Amt Container: 680  
Mixture: T  
Pressure: Not reported  
Pure: T  
Reactive: Not reported  
Solid: Not reported  
State01 Checkbox: T  
State01 Number: 550  
State01 Text: ISupplier Truck  
State02 Checkbox: Not reported  
State02 Number: 3  
State02 Text: Month  
State03 Checkbox: Not reported  
State03 Number: 2200  
State03 Text: Not reported  
State04 Checkbox: Not reported  
State04 Number: 2200  
State04 Text: Liquid  
State05 Checkbox: Not reported  
State05 Text: Not reported  
State06 Checkbox: Not reported  
State06 Text: Not reported  
State07 Checkbox: T  
State07 Text: routine deliveries of 50% caustic soda  
State1 Contact Field: varies  
State Label Code: MA2012  
Trade Secret: Not reported

Location:

Record Key: CLTR20127S0QQ600U429  
Chem Inv Record Id: CVTR20127S0QMF00TRTE  
Type Code: Plastic or Non-Metallic Drum  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Wastewater Mechanical Room  
Amount: 5500  
Amount Unit: pounds  
Last Modified: 11/15/2013

Acute: Not reported  
Ave Amount: 12000  
Ave Amount Code: 04  
Chem Inv Record Id: CVTR20127S0QSE00W1ML  
Chem Same As Last Yr: T  
Chronic: T  
CICAS: Not reported  
CI EHS Chemical: Not reported  
CI Last Modified: 11/15/2013  
Days On Site: 365  
Entered Chemical Name: Gear Oil  
Fire: Not reported  
Gas: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NO LOCATION AID (Continued)

S107846988

Liquid: T  
Max Amount: 12000  
Max Amount Code: 04  
Max Amt Container: 1000  
Mixture: Not reported  
Pressure: Not reported  
Pure: T  
Reactive: Not reported  
Solid: Not reported  
State01 Checkbox: T  
State01 Number: 2200  
State01 Text: Not reported  
State02 Checkbox: Not reported  
State02 Number: 10  
State02 Text: Year  
State03 Checkbox: Not reported  
State03 Number: 2200  
State03 Text: Not reported  
State04 Checkbox: Not reported  
State04 Number: 550  
State04 Text: Liquid  
State05 Checkbox: Not reported  
State05 Text: Not reported  
State06 Checkbox: Not reported  
State06 Text: Not reported  
State07 Checkbox: Not reported  
State07 Text: barrels of gear oil  
State1 Contact Field: varies  
State Label Code: MA2012  
Trade Secret: Not reported

Location:

Record Key: CLTR20127S0QUP00X0X9  
Chem Inv Record Id: CVTR20127S0QSE00W1ML  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: gearboxes throughout the plant  
Amount: 12000  
Amount Unit: pounds  
Last Modified: 11/15/2013

Record Key: CLTR20127S0QVU00Y0BS  
Chem Inv Record Id: CVTR20127S0QSE00W1ML  
Type Code: Steel Drum  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: oil storage cage  
Amount: 2000  
Amount Unit: pounds  
Last Modified: 11/15/2013

Acute: Not reported  
Ave Amount: 77000  
Ave Amount Code: 04  
Chem Inv Record Id: CVTR20127S0QWR00ZSUH  
Chem Same As Last Yr: T

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Chronic: T  
CICAS: 7439-92-1  
CI EHS Chemical: T  
CI Last Modified: 11/15/2013  
Days On Site: 365  
Entered Chemical Name: Lead  
Fire: Not reported  
Gas: Not reported  
Liquid: Not reported  
Max Amount: 77000  
Max Amount Code: 04  
Max Amt Container: 700  
Mixture: Not reported  
Pressure: Not reported  
Pure: T  
Reactive: Not reported  
Solid: T  
State01 Checkbox: Not reported  
State01 Number: 500  
State01 Text: Supplier truck  
State02 Checkbox: Not reported  
State02 Number: 2  
State02 Text: Year  
State03 Checkbox: Not reported  
State03 Number: 500  
State03 Text: Not reported  
State04 Checkbox: Not reported  
State04 Number: 500  
State04 Text: Solid  
State05 Checkbox: Not reported  
State05 Text: Not reported  
State06 Checkbox: Not reported  
State06 Text: Not reported  
State07 Checkbox: T  
State07 Text: replacement lead batteries delivered by vendor  
State1 Contact Field: varies by the vendor  
State Label Code: MA2012  
Trade Secret: Not reported

Location:

Record Key: CLTR20127S0R1Q010320  
Chem Inv Record Id: CVTR20127S0QWR00ZSUH  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Batteries in pallet jacks throughout the plant  
Amount: 75000  
Amount Unit: pounds  
Last Modified: 11/15/2013

Record Key: CLTR20127S0R21011D30  
Chem Inv Record Id: CVTR20127S0QWR00ZSUH  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Computer room UPS  
Amount: 700  
Amount Unit: pounds

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Last Modified: 11/15/2013

Record Key: CLTR20127S0R26012HMV  
Chem Inv Record Id: CVTR20127S0QWR00ZSUH  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Fire Pump room batteries  
Amount: 200  
Amount Unit: pounds  
Last Modified: 11/15/2013

Record Key: CLTR20127S0R2E013Q9Z  
Chem Inv Record Id: CVTR20127S0QWR00ZSUH  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Emergency Generator batteries  
Amount: 300  
Amount Unit: pounds  
Last Modified: 11/15/2013

Record Key: CLTR20127S0R2K014UCA  
Chem Inv Record Id: CVTR20127S0QWR00ZSUH  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Electrical Closet Office Area batteries  
Amount: 300  
Amount Unit: pounds  
Last Modified: 11/15/2013

Record Key: CLTR20127S0R2Z0156QB  
Chem Inv Record Id: CVTR20127S0QWR00ZSUH  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Fire Alarm Panel batteries  
Amount: 300  
Amount Unit: pounds  
Last Modified: 11/15/2013

Acute: Not reported  
Ave Amount: 13000  
Ave Amount Code: 04  
Chem Inv Record Id: CVTR20127S0R84016N72  
Chem Same As Last Yr: T  
Chronic: T  
CICAS: Not reported  
CI EHS Chemical: Not reported  
CI Last Modified: 11/15/2013  
Days On Site: 365  
Entered Chemical Name: Lube Oil  
Fire: Not reported  
Gas: Not reported  
Liquid: T

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Max Amount: 13000  
Max Amount Code: 04  
Max Amt Container: 7400  
Mixture: Not reported  
Pressure: Not reported  
Pure: T  
Reactive: Not reported  
Solid: Not reported  
State01 Checkbox: T  
State01 Number: 2200  
State01 Text: ltl trucks  
State02 Checkbox: Not reported  
State02 Number: 1  
State02 Text: Month  
State03 Checkbox: Not reported  
State03 Number: 2200  
State03 Text: Not reported  
State04 Checkbox: Not reported  
State04 Number: 550  
State04 Text: Liquid  
State05 Checkbox: Not reported  
State05 Text: Not reported  
State06 Checkbox: Not reported  
State06 Text: Not reported  
State07 Checkbox: T  
State07 Text: lubrication oil delivered about once a month  
State1 Contact Field: varies  
State Label Code: MA2012  
Trade Secret: Not reported

Location:

Record Key: CLTR20127S0RAA017J1K  
Chem Inv Record Id: CVTR20127S0R84016N72  
Type Code: Above Ground Tank  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Engine Room  
Amount: 1000  
Amount Unit: gallons  
Last Modified: 11/15/2013

Record Key: CLTR20127S0RBA018DTZ  
Chem Inv Record Id: CVTR20127S0R84016N72  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Engine Room  
Amount: 600  
Amount Unit: gallons  
Last Modified: 11/15/2013

Record Key: CLTR20127S0RBH019K6E  
Chem Inv Record Id: CVTR20127S0R84016N72  
Type Code: Steel Drum  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Engine Room  
Amount: 200

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Amount Unit: gallons  
Last Modified: 11/15/2013

Acute: T  
Ave Amount: 15000  
Ave Amount Code: 04  
Chem Inv Record Id: CVTR20127S0RCX01ASQN  
Chem Same As Last Yr: T  
Chronic: T  
CICAS: 68476-30-2  
CI EHS Chemical: Not reported  
CI Last Modified: 11/15/2013  
Days On Site: 365  
Entered Chemical Name: No. 2 fuel oil  
Fire: T  
Gas: Not reported  
Liquid: T  
Max Amount: 22000  
Max Amount Code: 04  
Max Amt Container: 22000  
Mixture: Not reported  
Pressure: Not reported  
Pure: T  
Reactive: Not reported  
Solid: Not reported  
State01 Checkbox: T  
State01 Number: 90000  
State01 Text: Not reported  
State02 Checkbox: Not reported  
State02 Number: 1  
State02 Text: Year  
State03 Checkbox: Not reported  
State03 Number: 5000  
State03 Text: Not reported  
State04 Checkbox: Not reported  
State04 Number: 500  
State04 Text: Liquid  
State05 Checkbox: Not reported  
State05 Text: Not reported  
State06 Checkbox: Not reported  
State06 Text: Not reported  
State07 Checkbox: Not reported  
State07 Text: small deliveries of fuel oil  
State1 Contact Field: varies  
State Label Code: MA2012  
Trade Secret: Not reported

Location:  
Record Key: CLTR20127S0RHR01BYYK  
Chem Inv Record Id: CVTR20127S0RCX01ASQN  
Type Code: Above Ground Tank  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Near west side of bldg  
Amount: 3000  
Amount Unit: gallons  
Last Modified: 11/15/2013

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Record Key: CLTR20127S0RHU01C195  
Chem Inv Record Id: CVTR20127S0RCX01ASQN  
Type Code: Above Ground Tank  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Fire Pump room  
Amount: 1800  
Amount Unit: pounds  
Last Modified: 11/15/2013

Acute: Not reported  
Ave Amount: 20000  
Ave Amount Code: 04  
Chem Inv Record Id: CVTR20127S0RKL01DKQ8  
Chem Same As Last Yr: T  
Chronic: Not reported  
CICAS: 57-55-6  
CI EHS Chemical: Not reported  
CI Last Modified: 11/15/2013  
Days On Site: 365  
Entered Chemical Name: Propylene Glycol  
Fire: Not reported  
Gas: Not reported  
Liquid: T  
Max Amount: 20000  
Max Amount Code: 04  
Max Amt Container: 20000  
Mixture: T  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State01 Checkbox: T  
State01 Number: 550  
State01 Text: Not reported  
State02 Checkbox: Not reported  
State02 Number: 1  
State02 Text: Year  
State03 Checkbox: Not reported  
State03 Number: 2200  
State03 Text: Not reported  
State04 Checkbox: Not reported  
State04 Number: 2200  
State04 Text: Liquid  
State05 Checkbox: Not reported  
State05 Text: Not reported  
State06 Checkbox: Not reported  
State06 Text: Not reported  
State07 Checkbox: Not reported  
State07 Text: small deliveries of glycol - 4 barrels on one skid  
State1 Contact Field: varies  
State Label Code: MA2012  
Trade Secret: Not reported

Location:  
Record Key: CLTR20127S0RP001EHFT  
Chem Inv Record Id: CVTR20127S0RKL01DKQ8



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Type Code: Other  
Pressure Code: Greater than ambient pressure  
Temperature Code: Less than ambient temp. / not cryog  
Location: Plant Piping  
Amount: 20000  
Amount Unit: pounds  
Last Modified: 11/15/2013

Record Key: CLTR20127S0RPR01F4YY  
Chem Inv Record Id: CVTR20127S0RKL01DKQ8  
Type Code: Steel Drum  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Engine room  
Amount: 1000  
Amount Unit: pounds  
Last Modified: 11/15/2013

Acute: T  
Ave Amount: 20000  
Ave Amount Code: 04  
Chem Inv Record Id: CVTR20127S0RQB01GNF5  
Chem Same As Last Yr: T  
Chronic: T  
CICAS: 7664-93-9  
CI EHS Chemical: T  
CI Last Modified: 11/15/2013  
Days On Site: 365  
Entered Chemical Name: Sulfuric acid  
Fire: Not reported  
Gas: Not reported  
Liquid: T  
Max Amount: 20000  
Max Amount Code: 04  
Max Amt Container: 180  
Mixture: T  
Pressure: Not reported  
Pure: Not reported  
Reactive: T  
Solid: Not reported  
State01 Checkbox: T  
State01 Number: 500  
State01 Text: supplier truck  
State02 Checkbox: Not reported  
State02 Number: 2  
State02 Text: Year  
State03 Checkbox: Not reported  
State03 Number: 500  
State03 Text: Not reported  
State04 Checkbox: Not reported  
State04 Number: 500  
State04 Text: Liquid  
State05 Checkbox: Not reported  
State05 Text: Not reported  
State06 Checkbox: Not reported  
State06 Text: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

State07 Checkbox: T  
State07 Text: replacement batteries delivered by supplier  
State1 Contact Field: varies  
State Label Code: MA2012  
Trade Secret: Not reported

Location:

Record Key: CLTR20127S0RUJ01HANZ  
Chem Inv Record Id: CVTR20127S0RQB01GNF5  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: batteries in pallet jacks throughout the plant  
Amount: 19000  
Amount Unit: pounds  
Last Modified: 11/15/2013

Record Key: CLTR20127S0RUR01JGE9  
Chem Inv Record Id: CVTR20127S0RQB01GNF5  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: computer room UPS  
Amount: 180  
Amount Unit: pounds  
Last Modified: 11/15/2013

Record Key: CLTR20127S0RUV01KL6Y  
Chem Inv Record Id: CVTR20127S0RQB01GNF5  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Fire Pump room batteries  
Amount: 50  
Amount Unit: pounds  
Last Modified: 11/15/2013

Record Key: CLTR20127S0RV201LRRU  
Chem Inv Record Id: CVTR20127S0RQB01GNF5  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: emergency generator batteries  
Amount: 70  
Amount Unit: pounds  
Last Modified: 11/15/2013

Record Key: CLTR20127S0RVH01M54B  
Chem Inv Record Id: CVTR20127S0RQB01GNF5  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: electrical closet office batteries  
Amount: 70  
Amount Unit: pounds  
Last Modified: 11/15/2013

Record Key: CLTR20127S0RVQ01NBB9

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

Chem Inv Record Id: CVTR20127S0RQB01GNF5  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Fire alarm panel batteries  
Amount: 80  
Amount Unit: pounds  
Last Modified: 11/15/2013

Record Key: CLTR20127S0RW001PKJP  
Chem Inv Record Id: CVTR20127S0RQB01GNF5  
Type Code: Plastic or Non-Metallic Drum  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Wastewater mechanical room  
Amount: 40  
Amount Unit: pounds  
Last Modified: 11/15/2013

Acute: Not reported  
Ave Amount: 19000  
Ave Amount Code: 04  
Chem Inv Record Id: CVTR20127S0S4F01QVR3  
Chem Same As Last Yr: T  
Chronic: T  
CICAS: Not reported  
CI EHS Chemical: Not reported  
CI Last Modified: 11/15/2013  
Days On Site: 365  
Entered Chemical Name: Transformer Oil  
Fire: Not reported  
Gas: Not reported  
Liquid: T  
Max Amount: 19000  
Max Amount Code: 04  
Max Amt Container: 19000  
Mixture: Not reported  
Pressure: Not reported  
Pure: T  
Reactive: Not reported  
Solid: Not reported  
State01 Checkbox: Not reported  
State01 Number: 550  
State01 Text: supplied by vendor  
State02 Checkbox: Not reported  
State02 Number: 1  
State02 Text: Year  
State03 Checkbox: Not reported  
State03 Number: 550  
State03 Text: Not reported  
State04 Checkbox: Not reported  
State04 Number: 550  
State04 Text: Liquid  
State05 Checkbox: Not reported  
State05 Text: Not reported  
State06 Checkbox: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NO LOCATION AID (Continued)

S107846988

State06 Text: Not reported  
State07 Checkbox: T  
State07 Text: when the oil is tested the supplier adds a little  
State1 Contact Field: varies  
State Label Code: MA2012  
Trade Secret: Not reported

Location:

Record Key: CLTR20127S0S5501RGUY  
Chem Inv Record Id: CVTR20127S0S4F01QVR3  
Type Code: Other  
Pressure Code: Ambient pressure  
Temperature Code: Ambient temperature  
Location: Transformer near west side of the bldg  
Amount: 2558  
Amount Unit: gallons  
Last Modified: 11/15/2013

Acute: T  
Ave Amount: 35000  
Ave Amount Code: 04  
Chem Inv Record Id: CVTR20127S0S7Q01SQ9R  
Chem Same As Last Yr: T  
Chronic: T  
CICAS: 112-27-6  
CI EHS Chemical: Not reported  
CI Last Modified: 11/15/2013  
Days On Site: 365  
Entered Chemical Name: Triethylene Glycol  
Fire: Not reported  
Gas: Not reported  
Liquid: T  
Max Amount: 35000  
Max Amount Code: 04  
Max Amt Container: 35000  
Mixture: Not reported  
Pressure: Not reported  
Pure: T  
Reactive: Not reported  
Solid: Not reported  
State01 Checkbox: T  
State01 Number: 2200  
State01 Text: LTL trucks  
State02 Checkbox: Not reported  
State02 Number: 4  
State02 Text: Year  
State03 Checkbox: Not reported  
State03 Number: 2200  
State03 Text: Not reported  
State04 Checkbox: Not reported  
State04 Number: 2200  
State04 Text: Liquid  
State05 Checkbox: Not reported  
State05 Text: Not reported  
State06 Checkbox: Not reported  
State06 Text: Not reported  
State07 Checkbox: T

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NO LOCATION AID (Continued)**

**S107846988**

State07 Text: deliveries of 4 barrels at a time  
 State1 Contact Field: varies  
 State Label Code: MA2012  
 Trade Secret: Not reported

Location:

Record Key: CLTR20127S0SAV01TEWM  
 Chem Inv Record Id: CVTR20127S0S7Q01SQ9R  
 Type Code: Other  
 Pressure Code: Greater than ambient pressure  
 Temperature Code: Less than ambient temp. / not cryog  
 Location: Plant piping  
 Amount: 35000  
 Amount Unit: pounds  
 Last Modified: 11/15/2013

Record Key: CLTR20127S0SB201ULR5  
 Chem Inv Record Id: CVTR20127S0S7Q01SQ9R  
 Type Code: Steel Drum  
 Pressure Code: Ambient pressure  
 Temperature Code: Ambient temperature  
 Location: Mechanical room  
 Amount: 4000  
 Amount Unit: pounds  
 Last Modified: 11/15/2013

**U75**  
**WSW**  
**1/2-1**  
**0.616 mi.**  
**3255 ft.**

**BELL CIRCLE**  
**400 BEACH ST**  
**REVERE, MA**

**RGA HWS S115013310**  
**N/A**

**Site 1 of 2 in cluster U**

**Relative:**  
**Higher**

RGA HWS:

2012	BELL CIRCLE	400 BEACH ST
2011	BELL CIRCLE	400 BEACH ST
2010	BELL CIRCLE	400 BEACH ST
2009	BELL CIRCLE	400 BEACH ST
2008	BELL CIRCLE	400 BEACH ST
2007	BELL CIRCLE	400 BEACH ST
2006	BELL CIRCLE	400 BEACH ST
2005	BELL CIRCLE	400 BEACH ST
2004	BELL CIRCLE	400 BEACH ST
2003	BELL CIRCLE	400 BEACH ST
2002	BELL CIRCLE	400 BEACH ST

**Actual:**  
**27 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

U76  
WSW  
1/2-1  
0.616 mi.  
3255 ft.

BELL CIRCLE  
400 BEACH ST  
REVERE, MA 02151  
Site 2 of 2 in cluster U

SHWS S105522182  
RELEASE N/A

Relative:  
Higher

SHWS:

Release Tracking Number/Current Status: 3-0021707 / RAO  
Release Town: REVERE  
Notification Date: 04/23/2002  
Category: 120 DY  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 09/10/2002  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Oil and Hazardous Material

Actual:  
27 ft.

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: ETHYLBENZENE  
Quantity: 2.4 milligrams per liter  
Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS  
Quantity: 7.4 milligrams per liter  
Chemical: M AND P XYLENES  
Quantity: 12.5 milligrams per liter

Actions:

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/23/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/23/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 4/23/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 9/10/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 9/10/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BELL CIRCLE (Continued)**

**S105522182**

reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 9/13/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0021707 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 04/23/2002  
Category: 120 DY  
Status Date: 09/10/2002  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/23/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/23/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 4/23/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 9/10/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 9/10/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BELL CIRCLE (Continued)**

**S105522182**

Action Date: 9/13/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: ETHYLBENZENE  
Quantity: 2.4 milligrams per liter  
Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS  
Quantity: 7.4 milligrams per liter  
Chemical: M AND P XYLENES  
Quantity: 12.5 milligrams per liter

V77  
WSW  
1/2-1  
0.631 mi.  
3330 ft.

**FORMERLY 413 BEACH ST  
550 LEE BURBANK HWY  
REVERE, MA 02151**

**SHWS S105199896  
LUST N/A  
RELEASE**

Site 1 of 2 in cluster V

Relative:  
Higher

SHWS:  
Release Tracking Number/Current Status: 3-0020770 / RAONR  
Release Town: REVERE  
Notification Date: 06/08/2001  
Category: 72 HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome Not Required**  
Status Date: 06/10/2002  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil  
Location Type: COMMERCIAL  
Source: STATION  
Source: FMR GAS  
Source: UST

Actual:  
21 ft.

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: GASOLINE  
Quantity: 8 milligrams per liter  
Chemical: VOCS  
Quantity: 8269 micrograms per liter

Actions:  
Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 3/26/2002  
Response Action Outcome: Not reported

Action Type: RAO Not Required  
Action Status: Linked to a Tier Classified Site  
Action Date: 6/10/2002  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/8/2001



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMERLY 413 BEACH ST (Continued)**

**S105199896**

Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	IRA Assessment Only
Action Date:	6/8/2001
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	7/10/2001
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	7/2/2002
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	8/7/2001
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	8/7/2001
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	9/28/2001
Response Action Outcome:	Not reported

LUST:

Facility:

Release Tracking Number/Current Status:	3-0020770 / RAONR
Status Date:	06/10/2002
Source Type:	UST
Release Town:	REVERE
Notification Date:	06/08/2001
Category:	72 HR
Associated ID:	Not reported
Phase:	Not reported
Response Action Outcome:	-
Oil Or Haz Material:	Oil
Location Type:	COMMERCIAL
Source:	STATION
Source:	FMR GAS
Source:	UST

[Click here to access the MA DEP site for this facility:](#)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMERLY 413 BEACH ST (Continued)**

**S105199896**

Chemicals:

Chemical: GASOLINE  
Quantity: 8 milligrams per liter  
Chemical: VOCS  
Quantity: 8269 micrograms per liter

Actions:

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 3/26/2002  
Response Action Outcome: Not reported

Action Type: RAO Not Required  
Action Status: Linked to a Tier Classified Site  
Action Date: 6/10/2002  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/8/2001  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 6/8/2001  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 7/10/2001  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 7/2/2002  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/7/2001  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 8/7/2001  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 9/28/2001  
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0020770 / RAONR  
Primary ID: Not reported  
Official City: REVERE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMERLY 413 BEACH ST (Continued)**

**S105199896**

Notification: 06/08/2001  
Category: 72 HR  
Status Date: 06/10/2002  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 3/26/2002  
Response Action Outcome: Not reported

Action Type: RAO Not Required  
Action Status: Linked to a Tier Classified Site  
Action Date: 6/10/2002  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/8/2001  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 6/8/2001  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 7/10/2001  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 7/2/2002  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/7/2001  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 8/7/2001  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 9/28/2001  
Response Action Outcome: Not reported

Chemicals:

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FORMERLY 413 BEACH ST (Continued)**

**S105199896**

Chemical:	GASOLINE
Quantity:	8 milligrams per liter
Chemical:	VOCS
Quantity:	8269 micrograms per liter
Location Type:	COMMERCIAL
Source:	STATION
Source:	FMR GAS
Source:	UST

**V78**  
**WSW**  
 1/2-1  
 0.631 mi.  
 3330 ft.

**FORMERLY 413 BEACH ST**  
**550 LEE BURBANK HWY**  
**REVERE, MA**  
 Site 2 of 2 in cluster V

**RGA HWS S115022460**  
**N/A**

**Relative:**  
**Higher**  
  
**Actual:**  
**21 ft.**

RGA HWS:

2012	FORMERLY 413 BEACH ST	550 LEE BURBANK HWY
2011	FORMERLY 413 BEACH ST	550 LEE BURBANK HWY
2010	FORMERLY 413 BEACH ST	550 LEE BURBANK HWY
2009	FORMERLY 413 BEACH ST	550 LEE BURBANK HWY
2008	FORMERLY 413 BEACH ST	550 LEE BURBANK HWY
2007	FORMERLY 413 BEACH ST	550 LEE BURBANK HWY
2006	FORMERLY 413 BEACH ST	550 LEE BURBANK HWY
2005	FORMERLY 413 BEACH ST	550 LEE BURBANK HWY
2004	FORMERLY 413 BEACH ST	550 LEE BURBANK HWY
2003	FORMERLY 413 BEACH ST	550 LEE BURBANK HWY
2002	FORMERLY 413 BEACH ST	550 LEE BURBANK HWY

**W79**  
**West**  
 1/2-1  
 0.638 mi.  
 3370 ft.

**PROPERTY**  
**224 HARRIS ST.**  
**REVERE, MA**  
 Site 1 of 3 in cluster W

**RGA HWS S115043854**  
**N/A**

**Relative:**  
**Higher**  
  
**Actual:**  
**20 ft.**

RGA HWS:

2001	PROPERTY	224 HARRIS ST.
2000	PROPERTY	224 HARRIS ST.
1999	PROPERTY	224 HARRIS ST.
1998	PROPERTY	224 HARRIS ST.
1997	PROPERTY	224 HARRIS ST.
1996	PROPERTY	224 HARRIS ST.
1995	PROPERTY	224 HARRIS ST.
1994	PROPERTY	224 HARRIS ST.
1993	PROPERTY	224 HARRIS ST.
1992	PROPERTY	224 HARRIS ST.
1991	PROPERTY	224 HARRIS ST.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**W80**  
**West**  
**1/2-1**  
**0.638 mi.**  
**3370 ft.**

**PROPERTY**  
**224 HARRIS ST**  
**REVERE, MA 02151**  
**Site 2 of 3 in cluster W**

**SHWS** **S100362068**  
**RELEASE** **N/A**

**Relative:**  
**Higher**

SHWS:  
Release Tracking Number/Current Status: 3-0002210 / DEPND  
Release Town: REVERE  
Notification Date: 10/15/1989  
Category: NONE  
Associated ID: Not reported  
**Current Status: Not a Disposal Site (DEP)**  
Status Date: 07/23/1993  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Not reported

**Actual:**  
**20 ft.**

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: UNKNOWN  
Quantity: Not reported

Actions:

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 10/15/1989  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: DEPND  
Action Date: 7/23/1993  
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0002210 / DEPND  
Primary ID: Not reported  
Official City: REVERE  
Notification: 10/15/1989  
Category: NONE  
Status Date: 07/23/1993  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Not reported

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 10/15/1989  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: DEPND

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PROPERTY (Continued)**

**S100362068**

Action Date: 7/23/1993  
Response Action Outcome: Not reported

Chemicals:  
Chemical: UNKNOWN  
Quantity: Not reported

**W81**  
**West**  
**1/2-1**  
**0.638 mi.**  
**3370 ft.**

**PROPERTY**  
**224 HARRIS ST**  
**REVERE, MA**

**RGA HWS** **S115043855**  
**N/A**

**Site 3 of 3 in cluster W**

**Relative:**  
**Higher**

RGA HWS:

2012	PROPERTY	224 HARRIS ST
2011	PROPERTY	224 HARRIS ST
2010	PROPERTY	224 HARRIS ST
2009	PROPERTY	224 HARRIS ST
2008	PROPERTY	224 HARRIS ST
2007	PROPERTY	224 HARRIS ST
2006	PROPERTY	224 HARRIS ST
2005	PROPERTY	224 HARRIS ST
2004	PROPERTY	224 HARRIS ST
2003	PROPERTY	224 HARRIS ST
2002	PROPERTY	224 HARRIS ST

**Actual:**  
**20 ft.**

**X82**  
**West**  
**1/2-1**  
**0.639 mi.**  
**3376 ft.**

**VINS AUTO SERVICE INC**  
**190 AMERICAN LEGION HWY**  
**REVERE, MA 02151**

**SHWS** **S101033938**  
**LUST** **N/A**  
**RELEASE**  
**SPILLS**  
**HW GEN**

**Site 1 of 2 in cluster X**

**Relative:**  
**Higher**

SHWS:

Release Tracking Number/Current Status: 3-0006057 / RAO

Release Town: REVERE

Notification Date: 04/20/1994

Category: NONE

Associated ID: Not reported

**Current Status:** **Response Action Outcome**

Status Date: 07/18/2005

Phase: PHASE III

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil Or Haz Material: Oil

Location Type: FORMER

Location Type: GASSTATION

Source: PIPE

Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: PETROLEUM  
Quantity: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VINS AUTO SERVICE INC (Continued)

S101033938

Actions:

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 1/2/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 3/10/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 3/10/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 4/2/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 4/2/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 4/2/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 4/20/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 4/20/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 4/20/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VINS AUTO SERVICE INC (Continued)**

**S101033938**

Action Date: 6/28/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 7/18/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 7/18/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 9/24/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 9/24/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

**LUST:**

**Facility:**

Release Tracking Number/Current Status: 3-0006057 / RAO  
Status Date: 07/18/2005  
Source Type: UST  
Release Town: REVERE  
Notification Date: 04/20/1994  
Category: NONE  
Associated ID: Not reported  
Phase: PHASE III  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil Or Haz Material: Oil

Location Type: FORMER  
Location Type: GASSTATION  
Source: PIPE  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: PETROLEUM  
Quantity: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VINS AUTO SERVICE INC (Continued)

S101033938

Actions:

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 1/2/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 3/10/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 3/10/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 4/2/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 4/2/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 4/2/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 4/20/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 4/20/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 4/20/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VINS AUTO SERVICE INC (Continued)**

**S101033938**

Action Date: 6/28/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 7/18/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 7/18/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 9/24/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 9/24/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0006057 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 04/20/1994  
Category: NONE  
Status Date: 07/18/2005  
Phase: PHASE III  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 1/2/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 3/10/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VINS AUTO SERVICE INC (Continued)**

**S101033938**

Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	3/10/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	4/2/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	4/2/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/2/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	4/20/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	4/20/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	4/20/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	6/28/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	7/18/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	7/18/2005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VINS AUTO SERVICE INC (Continued)

S101033938

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 9/24/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 9/24/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: PETROLEUM  
Quantity: Not reported  
Location Type: FORMER  
Location Type: GASSTATION  
Source: PIPE  
Source: UST

MA Spills:  
Facility ID: 3-6057  
Staff Lead: STUGER, B  
Last Entered: 19940920  
Spill Date: 19900622  
Report Date: 19900622  
Case Closed: YES  
Virgin Waste: VIRGIN  
Env Impact: SOIL  
Material: GASOLINE  
Qty Reported: UNKNOWN  
Qty Reported: GALLONS  
CAS No: Not reported  
Source: U.S.T.  
Incident: TANK REMOVAL  
Cleanup Type: ---  
Referral: SA  
Report Prep: Not reported  
Notifier: TODD ALING EWC ENGINEERING  
Notif Tel: Not reported  
Days/Close: 0

Spill ID: N90-1008  
Date Entered: 19900719  
First Response: 19900622  
Spill Time: Not reported  
Report Time: 01:45PM  
Mat Type: PETROLEUM  
Contam Soil: Not reported  
Other Impact: Not reported  
Other Material: Not reported  
Qty Actual: UNKNOWN  
Qty Actual: GALLONS  
PCB Lev (ppm): -----  
Other Source: Not reported  
Other Incdnt: Not reported  
Contractor: NOT USED  
LUST Elig: ---  
Category: Not reported

HW GEN:  
EPA Id: MAD985271238  
RCRA Generator Status: Not reported  
State Generator Status: SQG-MA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

X83  
West  
1/2-1  
0.639 mi.  
3376 ft.

VIN S AUTO SERVICE  
190 AMERICAN LEGION HWY  
REVERE, MA

RGA HWS S115053699  
N/A

Site 2 of 2 in cluster X

Relative:  
Higher

RGA HWS:

2012	VIN S AUTO SERVICE	190 AMERICAN LEGION HWY
2011	VIN S AUTO SERVICE	190 AMERICAN LEGION HWY
2010	VIN S AUTO SERVICE	190 AMERICAN LEGION HWY
2009	VIN S AUTO SERVICE	190 AMERICAN LEGION HWY
2008	VIN S AUTO SERVICE	190 AMERICAN LEGION HWY
2007	VIN S AUTO SERVICE	190 AMERICAN LEGION HWY
2006	VIN S AUTO SERVICE	190 AMERICAN LEGION HWY
2005	VIN S AUTO SERVICE	190 AMERICAN LEGION HWY
2004	VIN S AUTO SERVICE	190 AMERICAN LEGION HWY
2003	VIN S AUTO SERVICE	190 AMERICAN LEGION HWY
2002	VIN S AUTO SERVICE	190 AMERICAN LEGION HWY

Actual:  
9 ft.

Y84  
NNW  
1/2-1  
0.647 mi.  
3418 ft.

BURKE RESIDENCE  
48 ELMWOOD ST  
REVERE, MA 02151

SHWS S106512916  
RELEASE N/A

Site 1 of 2 in cluster Y

Relative:  
Higher

SHWS:

Release Tracking Number/Current Status: 3-0023836 / RAO

Release Town: REVERE

Notification Date: 05/08/2004

Category: TWO HR

Associated ID: Not reported

**Current Status:** **Response Action Outcome**

Status Date: 10/21/2004

Phase: Not reported

Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Oil Or Haz Material: Oil

Location Type: RESIDENTIAL

Source: PIPE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: HOME HEATING OIL

Quantity: 15 gallons

Chemical: HEATING OIL

Quantity: 15 gallons

Chemical: FUEL OIL #2

Quantity: 15 gallons

Actions:

Action Type: Immediate Response Action

Action Status: Completion Statement Received

Action Date: 10/21/2004

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO

Action Status: RAO Statement Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BURKE RESIDENCE (Continued)**

**S106512916**

Action Date: 10/21/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 10/21/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 10/21/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/21/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 10/22/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/8/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 5/8/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 6/14/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/25/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/16/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BURKE RESIDENCE (Continued)**

**S106512916**

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/15/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status: 3-0023836 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 05/08/2004  
Category: TWO HR  
Status Date: 10/21/2004  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 10/21/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/21/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 10/21/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 10/21/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/21/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 10/22/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BURKE RESIDENCE (Continued)**

**S106512916**

to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/8/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 5/8/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 6/14/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/25/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/16/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/15/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
Chemical: HOME HEATING OIL  
Quantity: 15 gallons  
Chemical: HEATING OIL  
Quantity: 15 gallons  
Chemical: FUEL OIL #2  
Quantity: 15 gallons  
Location Type: RESIDENTIAL  
Source: PIPE



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**Y85**      **BURKE RESIDENCE**  
**NNW**      **48 ELMWOOD ST**  
**1/2-1**      **REVERE, MA**  
**0.647 mi.**  
**3418 ft.**      **Site 2 of 2 in cluster Y**

**RGA HWS**      **S115015075**  
**N/A**

**Relative:**  
**Higher**

RGA HWS:

2012	BURKE RESIDENCE	48 ELMWOOD ST
2011	BURKE RESIDENCE	48 ELMWOOD ST
2010	BURKE RESIDENCE	48 ELMWOOD ST
2009	BURKE RESIDENCE	48 ELMWOOD ST
2008	BURKE RESIDENCE	48 ELMWOOD ST
2007	BURKE RESIDENCE	48 ELMWOOD ST
2006	BURKE RESIDENCE	48 ELMWOOD ST
2005	BURKE RESIDENCE	48 ELMWOOD ST
2004	BURKE RESIDENCE	48 ELMWOOD ST

**Actual:**  
**20 ft.**

**Z86**      **NO LOCATION AID**  
**South**      **9 REVERE BEACH PKWY**  
**1/2-1**      **REVERE, MA**  
**0.726 mi.**  
**3831 ft.**      **Site 1 of 2 in cluster Z**

**RGA HWS**      **S115038230**  
**N/A**

**Relative:**  
**Higher**

RGA HWS:

2012	NO LOCATION AID	9 REVERE BEACH PKWY
2011	NO LOCATION AID	9 REVERE BEACH PKWY
2010	NO LOCATION AID	9 REVERE BEACH PKWY
2009	NO LOCATION AID	9 REVERE BEACH PKWY
2008	NO LOCATION AID	9 REVERE BEACH PKWY
2007	NO LOCATION AID	9 REVERE BEACH PKWY
2006	NO LOCATION AID	9 REVERE BEACH PKWY
2005	NO LOCATION AID	9 REVERE BEACH PKWY
2004	NO LOCATION AID	9 REVERE BEACH PKWY
2003	NO LOCATION AID	9 REVERE BEACH PKWY
2002	NO LOCATION AID	9 REVERE BEACH PKWY

**Actual:**  
**9 ft.**

**Z87**      **NO LOCATION AID**  
**South**      **9 REVERE BEACH PKWY**  
**1/2-1**      **REVERE, MA 02151**  
**0.726 mi.**  
**3831 ft.**      **Site 2 of 2 in cluster Z**

**SHWS**      **S103812140**  
**RELEASE**      **N/A**

**Relative:**  
**Higher**

SHWS:

Release Tracking Number/Current Status: 3-0018071 / RAO  
 Release Town: REVERE  
 Notification Date: 03/08/1999  
 Category: 120 DY  
 Associated ID: Not reported  
**Current Status:**      **Response Action Outcome**  
 Status Date: 03/08/1999  
 Phase: Not reported  
 Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
 Oil Or Haz Material: Hazardous Material

**Actual:**  
**9 ft.**

Click here to access the MA DEP site for this facility:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103812140**

Chemicals:

Chemical: LEAD  
Quantity: 39 parts per billion  
Chemical: 1,2-DICHLOROPROPANE  
Quantity: 26.7 parts per billion

Actions:

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 3/8/1999  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/8/1999  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/8/1999  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Release:

Release Tracking Number/Current Status: 3-0018071 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 03/08/1999  
Category: 120 DY  
Status Date: 03/08/1999  
Phase: Not reported  
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 3/8/1999  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/8/1999  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/8/1999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103812140**

Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Chemicals:  
Chemical: LEAD  
Quantity: 39 parts per billion  
Chemical: 1,2-DICHLOROPROPANE  
Quantity: 26.7 parts per billion

AA88  
SSW  
1/2-1  
0.742 mi.  
3918 ft.

**NO LOCATION AID  
48 CAMPBELL AVE  
REVERE, MA 02151**

**SHWS S104941864  
RELEASE N/A**

**Site 1 of 2 in cluster AA**

**Relative:  
Higher**

SHWS:  
Release Tracking Number/Current Status: 3-0020289 / RAO

**Actual:  
61 ft.**

Release Town: REVERE  
Notification Date: 01/05/2001  
Category: TWO HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 01/10/2003  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Oil  
Location Type: RESIDENTIAL  
Source: PIPE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: FUEL OIL #2  
Quantity: Not reported  
Chemical: HEATING OIL  
Quantity: Not reported

Actions:  
Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 1/10/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 1/10/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 1/13/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104941864**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 1/17/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/5/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/5/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/8/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 1/9/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Not Required - Fee Credited-FMCRA Use Only  
Action Date: 12/12/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 3/19/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 3/20/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 5/11/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/9/2001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104941864**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Action Status: Written Plan Received

Action Date: 8/6/2002

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF

Action Status: Reportable Release under MGL 21E

Action Date: 8/6/2002

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Action Status: Imminent Hazard Evaluation Received

Action Date: 8/6/2002

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

**Release:**

Release Tracking Number/Current Status: 3-0020289 / RAO

Primary ID: Not reported

Official City: REVERE

Notification: 01/05/2001

Category: TWO HR

Status Date: 01/10/2003

Phase: Not reported

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Response Action Outcome - RAO

Action Status: RAO Statement Received

Action Date: 1/10/2003

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Action Status: Completion Statement Received

Action Date: 1/10/2003

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO

Action Status: Fee Received - FMCRA Use Only

Action Date: 1/13/2003

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104941864**

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 1/17/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/5/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/5/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/8/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 1/9/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Not Required - Fee Credited-FMCRA Use Only  
Action Date: 12/12/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 3/19/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 3/20/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 5/11/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/9/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NO LOCATION AID (Continued)**

**S104941864**

reduced to background.

Action Type: Immediate Response Action  
 Action Status: Written Plan Received  
 Action Date: 8/6/2002  
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
 Action Status: Reportable Release under MGL 21E  
 Action Date: 8/6/2002  
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
 Action Status: Imminent Hazard Evaluation Received  
 Action Date: 8/6/2002  
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
 Chemical: FUEL OIL #2  
 Quantity: Not reported  
 Chemical: HEATING OIL  
 Quantity: Not reported  
 Location Type: RESIDENTIAL  
 Source: PIPE

**AA89**  
**SSW**  
 1/2-1  
 0.742 mi.  
 3918 ft.

**NO LOCATION AID**  
**48 CAMPBELL AVE**  
**REVERE, MA**

**RGA HWS S115036830**  
**N/A**

**Site 2 of 2 in cluster AA**

**Relative:**  
**Higher**

RGA HWS:

2012	NO LOCATION AID	48 CAMPBELL AVE
2011	NO LOCATION AID	48 CAMPBELL AVE
2010	NO LOCATION AID	48 CAMPBELL AVE
2009	NO LOCATION AID	48 CAMPBELL AVE
2008	NO LOCATION AID	48 CAMPBELL AVE
2007	NO LOCATION AID	48 CAMPBELL AVE
2006	NO LOCATION AID	48 CAMPBELL AVE
2005	NO LOCATION AID	48 CAMPBELL AVE
2004	NO LOCATION AID	48 CAMPBELL AVE
2003	NO LOCATION AID	48 CAMPBELL AVE
2002	NO LOCATION AID	48 CAMPBELL AVE

**Actual:**  
**61 ft.**





Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S112146191**

Action Status:	Notice of Enforcement Conference
Action Date:	3/21/2014
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	4/7/2014
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/7/2014
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	4/7/2014
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	4/7/2014
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	4/7/2014
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	5/6/2013
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	5/7/2014
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	ACOP
Action Date:	5/9/2014
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	PSARCD
Action Date:	6/21/2014
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	7/20/2012
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	7/20/2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S112146191**

Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/30/2014
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Legal Notice Published
Action Date:	8/12/2014
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	8/8/2012
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	9/20/2012
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	9/20/2012
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	9/20/2012
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	9/20/2012
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	9/24/2012
Response Action Outcome:	Not reported

LUST:

Facility:

Release Tracking Number/Current Status:	3-0030960 / PSC
Status Date:	06/21/2014
Source Type:	USTPIPE
Release Town:	REVERE
Notification Date:	07/20/2012
Category:	72 HR
Associated ID:	Not reported
Phase:	PHASE II
Response Action Outcome:	-
Oil Or Haz Material:	Oil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S112146191**

Location Type: COMMERCIAL  
Source: USTPIPE  
Source: PIPE  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: #2 FUEL OIL  
Quantity: 210 parts per million

**Actions:**

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/29/2015  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 11/19/2013  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 11/21/2012  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 11/26/2012  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Enforcement Conference  
Action Date: 3/21/2014  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 4/7/2014  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 4/7/2014  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 4/7/2014  
Response Action Outcome: Not reported

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 4/7/2014

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S112146191**

Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	4/7/2014
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	5/6/2013
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	5/7/2014
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	ACOP
Action Date:	5/9/2014
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	PSARCD
Action Date:	6/21/2014
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	7/20/2012
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	7/20/2012
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/30/2014
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Legal Notice Published
Action Date:	8/12/2014
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	8/8/2012
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	9/20/2012
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S112146191**

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 9/20/2012  
Response Action Outcome: Not reported

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 9/20/2012  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/20/2012  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 9/24/2012  
Response Action Outcome: Not reported

**INST CONTROL:**

Release Tracking Number: 3-0030960  
Action Type: AUL  
Action Stat: LEGNOT  
Action Date: 08/12/2014  
Response Action Outcome: -

Release Tracking Number: 3-0030960  
Action Type: AUL  
Action Stat: RECPT  
Action Date: 07/30/2014  
Response Action Outcome: -

**Release:**

Release Tracking Number/Current Status: 3-0030960 / PSC  
Primary ID: Not reported  
Official City: REVERE  
Notification: 07/20/2012  
Category: 72 HR  
Status Date: 06/21/2014  
Phase: PHASE II  
Response Action Outcome: -  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/29/2015  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 11/19/2013

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S112146191**

Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/21/2012
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	11/26/2012
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Enforcement Conference
Action Date:	3/21/2014
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	4/7/2014
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/7/2014
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	4/7/2014
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	4/7/2014
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	4/7/2014
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	5/6/2013
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	5/7/2014
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	ACOP
Action Date:	5/9/2014
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S112146191**

Action Type:	Response Action Outcome - RAO
Action Status:	PSARCD
Action Date:	6/21/2014
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	7/20/2012
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	7/20/2012
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/30/2014
Response Action Outcome:	Not reported
Action Type:	Activity and Use Limitation
Action Status:	Legal Notice Published
Action Date:	8/12/2014
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	8/8/2012
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	9/20/2012
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	9/20/2012
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	9/20/2012
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	9/20/2012
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	9/24/2012
Response Action Outcome:	Not reported
Chemicals:	
Chemical:	#2 FUEL OIL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S112146191**

Quantity: 210 parts per million  
Location Type: COMMERCIAL  
Source: USTPIPE  
Source: PIPE  
Source: UST

**ENFORCEMENT:**

Region: NERO  
DEP Region: NERO  
DEP Program: 3R  
DEP Bureau: BWSC  
Program: BWSC  
Program Id: 3-0030960  
High Or Low Level Enforcement: HLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Revere  
Date Executed: 05/09/2014  
ENF #: ACOP-NE-14-3R012  
Document Type: ACOP  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Y  
Regional Comment: Not reported  
Final Payment Due Date: 01/30/2015  
ACOP \$: \$2,500.00  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: \$24,300.00  
Ownership: Commercially Owned

Region: NERO  
DEP Region: NERO  
DEP Program: 3R  
DEP Bureau: BWSC  
Program: BWSC  
Program Id: 3-0030960  
High Or Low Level Enforcement: LLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Revere  
Date Executed: 11/19/2013  
ENF #: NON-NE-13-3R047  
Document Type: NON  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Y  
Regional Comment: Not reported  
Final Payment Due Date: Not reported  
ACOP \$: Not reported  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S112146191**

SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: Commercially Owned

**AC92  
NW  
1/2-1  
0.762 mi.  
4022 ft.**

**RESIDENCE  
29 ABRUZZI ST  
REVERE, MA**

**RGA HWS S115046059  
N/A**

**Site 1 of 2 in cluster AC**

**Relative:  
Higher**

RGA HWS:

2012 RESIDENCE 29 ABRUZZI ST  
2011 RESIDENCE 29 ABRUZZI ST  
2010 RESIDENCE 29 ABRUZZI ST  
2009 RESIDENCE 29 ABRUZZI ST

**Actual:  
13 ft.**

**AC93  
NW  
1/2-1  
0.762 mi.  
4022 ft.**

**RESIDENCE  
29 ABRUZZI ST  
REVERE, MA 02151**

**SHWS S109948802  
LAST N/A  
RELEASE**

**Site 2 of 2 in cluster AC**

**Relative:  
Higher**

SHWS:

Release Tracking Number/Current Status: 3-0028736 / RAO  
Release Town: REVERE  
Notification Date: 09/15/2009  
Category: TWO HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 11/16/2009  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Oil  
Location Type: RESIDENTIAL  
Source: LINE  
Source: AST

**Actual:  
13 ft.**

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: #2 FUEL OIL  
Quantity: 20 gallons

Actions:

Action Type: RLFA  
Action Status: FLDRUN  
Action Date: 10/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RESIDENCE (Continued)**

**S109948802**

Action Date: 11/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 11/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 11/19/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 11/6/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 6/1/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/15/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 9/15/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 9/15/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 9/15/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 9/18/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RESIDENCE (Continued)**

**S109948802**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 9/23/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

LAST:

Release Tracking Number/Current Status: 3-0028736 / RAO  
Source Type: AST  
Release Town: REVERE  
Notification Date: 09/15/2009  
Category: TWO HR  
Associated ID: Not reported  
Status Date: 11/16/2009  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Oil

Chemicals:

Chemical: #2 FUEL OIL  
Quantity: 20 gallons  
Location Type: RESIDENTIAL  
Source: LINE  
Source: AST

Actions:

Action Type: RLFA  
Action Status: FLDRUN  
Action Date: 10/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 11/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 11/19/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 11/6/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RESIDENCE (Continued)**

**S109948802**

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 6/1/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/15/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 9/15/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 9/15/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 9/15/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 9/18/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 9/23/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

**Release:**

Release Tracking Number/Current Status: 3-0028736 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 09/15/2009  
Category: TWO HR  
Status Date: 11/16/2009  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RESIDENCE (Continued)**

**S109948802**

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: RLFA  
Action Status: FLDRUN  
Action Date: 10/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 11/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 11/19/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 11/6/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 6/1/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/15/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 9/15/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 9/15/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RESIDENCE (Continued)**

**S109948802**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
 Action Status: FLDISS  
 Action Date: 9/15/2009  
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
 Action Status: FLDRAN  
 Action Date: 9/18/2009  
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
 Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
 Action Date: 9/23/2009  
 Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
 Chemical: #2 FUEL OIL  
 Quantity: 20 gallons  
 Location Type: RESIDENTIAL  
 Source: LINE  
 Source: AST

**AD94  
 NW  
 1/2-1  
 0.762 mi.  
 4023 ft.**

**SIDE OF HOUSE AT FILL AND VENT PIPE  
 85 STANTON AVE  
 REVERE, MA**

**RGA HWS S115049279  
 N/A**

**Site 1 of 2 in cluster AD**

**Relative:  
 Higher**

RGA HWS:

2012	SIDE OF HOUSE AT FILL AND VENT PIPE	85 STANTON AVE
2011	SIDE OF HOUSE AT FILL AND VENT PIPE	85 STANTON AVE
2010	SIDE OF HOUSE AT FILL AND VENT PIPE	85 STANTON AVE
2009	SIDE OF HOUSE AT FILL AND VENT PIPE	85 STANTON AVE
2008	SIDE OF HOUSE AT FILL AND VENT PIPE	85 STANTON AVE
2007	SIDE OF HOUSE AT FILL AND VENT PIPE	85 STANTON AVE
2006	SIDE OF HOUSE AT FILL AND VENT PIPE	85 STANTON AVE

**Actual:  
 14 ft.**

**AD95  
 NW  
 1/2-1  
 0.762 mi.  
 4023 ft.**

**SIDE OF HOUSE AT FILL AND VENT PIPE  
 85 STANTON AVE  
 REVERE, MA 02151**

**SHWS S107678397  
 RELEASE N/A  
 ENF**

**Site 2 of 2 in cluster AD**

**Relative:  
 Higher**

SHWS:

Release Tracking Number/Current Status: 3-0025597 / RAO  
 Release Town: REVERE  
 Notification Date: 01/04/2006  
 Category: TWO HR  
 Associated ID: Not reported  
**Current Status: Response Action Outcome**  
 Status Date: 12/14/2011  
 Phase: PHASE II  
 Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not

**Actual:  
 14 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIDE OF HOUSE AT FILL AND VENT PIPE (Continued)**

**S107678397**

Oil Or Haz Material: been reduced to background.  
Location Type: Oil  
Source: RESIDENTIAL  
UNKNOWN

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: FUEL OIL #2  
Quantity: 55 gallons  
Chemical: #2 FUEL OIL  
Quantity: Not reported

**Actions:**

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/11/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 1/11/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 1/11/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/24/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 1/30/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/4/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/5/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIDE OF HOUSE AT FILL AND VENT PIPE (Continued)**

**S107678397**

Action Type:	Compliance and Enforcement Action
Action Status:	ACOP
Action Date:	10/11/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/20/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	12/14/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	12/14/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	3/3/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	4/10/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	4/16/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	4/3/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	4/3/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	5/2/2006



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIDE OF HOUSE AT FILL AND VENT PIPE (Continued)**

**S107678397**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action

Action Status: Notice of Non-Compliance Issued

Action Date: 6/16/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF

Action Status: Reportable Release under MGL 21E

Action Date: 6/21/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

Action Status: FOLOFF

Action Date: 6/26/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Action Status: Imminent Hazard Evaluation Received

Action Date: 7/12/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Action Status: Written Plan Received

Action Date: 7/12/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

Action Status: FOLOFF

Action Date: 8/14/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 8/14/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Action Status: Written Approval of Plan

Action Date: 8/14/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action

Action Status: Notice of Enforcement Conference

Action Date: 8/24/2011

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIDE OF HOUSE AT FILL AND VENT PIPE (Continued)**

**S107678397**

Release:

Release Tracking Number/Current Status: 3-0025597 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 01/04/2006  
Category: TWO HR  
Status Date: 12/14/2011  
Phase: PHASE II  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/11/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 1/11/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 1/11/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/24/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 1/30/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/4/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/5/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIDE OF HOUSE AT FILL AND VENT PIPE (Continued)**

**S107678397**

Action Type: Compliance and Enforcement Action  
Action Status: ACOP  
Action Date: 10/11/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 11/20/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 12/14/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 12/14/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 3/3/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 4/10/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 4/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 4/3/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 4/3/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 5/2/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIDE OF HOUSE AT FILL AND VENT PIPE (Continued)**

**S107678397**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action

Action Status: Notice of Non-Compliance Issued

Action Date: 6/16/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF

Action Status: Reportable Release under MGL 21E

Action Date: 6/21/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

Action Status: FOLOFF

Action Date: 6/26/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Action Status: Imminent Hazard Evaluation Received

Action Date: 7/12/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Action Status: Written Plan Received

Action Date: 7/12/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

Action Status: FOLOFF

Action Date: 8/14/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 8/14/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Action Status: Written Approval of Plan

Action Date: 8/14/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action

Action Status: Notice of Enforcement Conference

Action Date: 8/24/2011

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIDE OF HOUSE AT FILL AND VENT PIPE (Continued)**

**S107678397**

Chemicals:

Chemical: FUEL OIL #2  
Quantity: 55 gallons  
Chemical: #2 FUEL OIL  
Quantity: Not reported  
Location Type: RESIDENTIAL  
Source: UNKNOWN

ENFORCEMENT:

Region: NERO  
DEP Region: NERO  
DEP Program: 3C  
DEP Bureau: BWSC  
Program: Not reported  
Program Id: 3-0025597  
High Or Low Level Enforcement: LLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 03/03/2009  
ENF #: NON-NE-09-3C006  
Document Type: NON  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Not reported  
Regional Comment: Not reported  
Final Payment Due Date: Not reported  
ACOP \$: Not reported  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: Individually Owned

Region: NERO  
DEP Region: NERO  
DEP Program: 3C  
DEP Bureau: BWSC  
Program: Not reported  
Program Id: 3-0025597  
High Or Low Level Enforcement: LLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 04/16/2009  
ENF #: NON-NE-09-3C006  
Document Type: NON  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Not reported  
Regional Comment: Not reported  
Final Payment Due Date: Not reported  
ACOP \$: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIDE OF HOUSE AT FILL AND VENT PIPE (Continued)**

**S107678397**

PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: Individually Owned

Region: NERO  
DEP Region: NERO  
DEP Program: 3A  
DEP Bureau: BWSC  
Program: BWSC  
Program Id: 3-0025597  
High Or Low Level Enforcement: HLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 10/11/2011  
ENF #: ACOP-NE-11-3A024  
Document Type: ACOP  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Y  
Regional Comment: Not reported  
Final Payment Due Date: 11/15/2011  
ACOP \$: 2000  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: 8000  
Ownership: Individually Owned

**AE96**  
**South**  
**1/2-1**  
**0.771 mi.**  
**4069 ft.**

**BEHIND LISTON TOWERS**  
**45 DOLPHIN AVE**  
**REVERE, MA 02151**

**SHWS** **S107517080**  
**RELEASE** **N/A**

**Site 1 of 2 in cluster AE**

**Relative:**  
**Higher**

**SHWS:**

Release Tracking Number/Current Status: 3-0025319 / RAO

Release Town: REVERE

Notification Date: 10/14/2005

Category: 72 HR

Associated ID: Not reported

**Current Status:** **Response Action Outcome**

Status Date: 10/13/2010

Phase: Not reported

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil Or Haz Material: Oil

Location Type: RESIDENTIAL

Source: TRANSFORM

**Actual:**  
**9 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEHIND LISTON TOWERS (Continued)**

**S107517080**

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical:	C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity:	2720 milligrams per kilogram
Chemical:	C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity:	12100 milligrams per liter
Chemical:	C19 THRU C36 ALIPHATIC HYDROCARBONS
Quantity:	2950 milligrams per kilogram
Chemical:	NON PCB MODF
Quantity:	12 inches

**Actions:**

Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	1/26/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	1/31/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	10/12/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	10/13/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	10/13/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	10/13/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	10/13/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEHIND LISTON TOWERS (Continued)**

**S107517080**

Action Type: Phase 5  
Action Status: Completion Statement Received  
Action Date: 10/13/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/14/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/14/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 10/14/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3  
Action Status: Completion Statement Received  
Action Date: 10/14/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 10/14/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: Status or Interim Report Received  
Action Date: 11/11/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: RMRINI  
Action Date: 11/11/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 11/15/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: RMRINI  
Action Date: 12/1/2009



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEHIND LISTON TOWERS (Continued)**

**S107517080**

Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Status or Interim Report Received
Action Date:	12/1/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/14/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	12/14/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	12/6/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	2/4/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 4
Action Status:	Completion Statement Received
Action Date:	5/14/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Status or Interim Report Received
Action Date:	5/17/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	5/17/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	7/25/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEHIND LISTON TOWERS (Continued)**

**S107517080**

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 7/28/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/4/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 9/7/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0025319 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 10/14/2005  
Category: 72 HR  
Status Date: 10/13/2010  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/26/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/31/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 10/12/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 10/13/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEHIND LISTON TOWERS (Continued)**

**S107517080**

reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 10/13/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/13/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/13/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: Completion Statement Received  
Action Date: 10/13/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/14/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/14/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 10/14/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3  
Action Status: Completion Statement Received  
Action Date: 10/14/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 10/14/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEHIND LISTON TOWERS (Continued)**

**S107517080**

Action Status:	Status or Interim Report Received
Action Date:	11/11/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	RMRINI
Action Date:	11/11/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	11/15/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	RMRINI
Action Date:	12/1/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Status or Interim Report Received
Action Date:	12/1/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/14/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	12/14/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	12/6/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	2/4/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 4
Action Status:	Completion Statement Received
Action Date:	5/14/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEHIND LISTON TOWERS (Continued)**

**S107517080**

reduced to background.

Action Type: Phase 5  
Action Status: Status or Interim Report Received  
Action Date: 5/17/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: RMRINT  
Action Date: 5/17/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 7/25/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 7/28/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/4/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSSENT  
Action Date: 9/7/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS  
Quantity: 2720 milligrams per kilogram  
Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS  
Quantity: 12100 milligrams per liter  
Chemical: C19 THRU C36 ALIPHATIC HYDROCARBONS  
Quantity: 2950 milligrams per kilogram  
Chemical: NON PCB MODF  
Quantity: 12 inches  
Location Type: RESIDENTIAL  
Source: TRANSFORM

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**AE97**      **BEHIND LISTON TOWERS**  
**South**      **45 DOLPHIN AVE**  
**1/2-1**      **REVERE, MA**  
**0.771 mi.**  
**4069 ft.**      **Site 2 of 2 in cluster AE**

**RGA HWS**      **S115013232**  
**N/A**

<b>Relative:</b> <b>Higher</b>	RGA HWS:	2012	BEHIND LISTON TOWERS	45 DOLPHIN AVE
		2011	BEHIND LISTON TOWERS	45 DOLPHIN AVE
<b>Actual:</b> <b>9 ft.</b>		2010	BEHIND LISTON TOWERS	45 DOLPHIN AVE
		2009	BEHIND LISTON TOWERS	45 DOLPHIN AVE
		2008	BEHIND LISTON TOWERS	45 DOLPHIN AVE
		2007	BEHIND LISTON TOWERS	45 DOLPHIN AVE
		2006	BEHIND LISTON TOWERS	45 DOLPHIN AVE

**98**      **APARTMENTS**  
**NNE**      **71 ARCADIA ST**  
**1/2-1**      **REVERE, MA**  
**0.780 mi.**  
**4118 ft.**

**RGA HWS**      **S115011828**  
**N/A**

<b>Relative:</b> <b>Higher</b>	RGA HWS:	2001	APARTMENTS	71 ARCADIA ST
		2000	APARTMENTS	71 ARCADIA ST
<b>Actual:</b> <b>9 ft.</b>		1999	APARTMENTS	71 ARCADIA ST
		1998	APARTMENTS	71 ARCADIA ST

**AF99**      **AMERICAN BY PRODUCTS CO., INC.**  
**NNE**      **381 REVERE BEACH BLVD**  
**1/2-1**      **REVERE, MA 02151**  
**0.780 mi.**  
**4121 ft.**      **Site 1 of 2 in cluster AF**

**SHWS**      **S110303385**  
**RELEASE**      **N/A**  
**ENF**

<b>Relative:</b> <b>Higher</b>	SHWS:	Release Tracking Number/Current Status: 3-0029170 / RAO		
		Release Town: REVERE		
<b>Actual:</b> <b>9 ft.</b>		Notification Date: 03/30/2010		
		Category: TWO HR		
		Associated ID: Not reported		
		<b>Current Status:</b> <b>Response Action Outcome</b>		
		Status Date: 05/10/2010		
		Phase: Not reported		
		Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.		
		Oil Or Haz Material: Oil		
		Location Type: PRIVPROP		
		Location Type: RESIDENTIAL		
		Location Type: COMMERCIAL		
		Location Type: ROADWAY		
		Location Type: RIGHTOFWAY		
		Source: DRUMS		

Click here to access the MA DEP site for this facility:

Chemicals:  
 Chemical: VEGETABLE OIL  
 Quantity: 150 gallons

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN BY PRODUCTS CO., INC. (Continued)**

**S110303385**

Chemical:	WASTE COOKING OIL/GREASE
Quantity:	150 gallons
Actions:	
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	3/30/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RLFA
Action Status:	FLDD1A
Action Date:	3/30/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	3/30/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	FLDISS
Action Date:	3/30/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	4/13/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/13/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	4/16/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	5/10/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	5/24/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN BY PRODUCTS CO., INC. (Continued)**

**S110303385**

Action Type: Compliance and Enforcement Action  
Action Status: ACOP  
Action Date: 9/17/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status: 3-0029170 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 03/30/2010  
Category: TWO HR  
Status Date: 05/10/2010  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/30/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 3/30/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 3/30/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 3/30/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/13/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 4/13/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN BY PRODUCTS CO., INC. (Continued)**

**S110303385**

to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 4/16/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 5/10/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 5/24/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
Action Status: ACOP  
Action Date: 9/17/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
Chemical: VEGETABLE OIL  
Quantity: 150 gallons  
Chemical: WASTE COOKING OIL/GREASE  
Quantity: 150 gallons  
Location Type: PRIVPROP  
Location Type: RESIDENTIAL  
Location Type: COMMERCIAL  
Location Type: ROADWAY  
Location Type: RIGHTOFWAY  
Source: DRUMS

ENFORCEMENT:  
Region: NERO  
DEP Region: NERO  
DEP Program: 3E  
DEP Bureau: BWSC  
Program: BWSC  
Program Id: 3-0029170  
High Or Low Level Enforcement: HLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 09/17/2010  
ENF #: ACOP-NE-10-3E007  
Document Type: ACOP  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Y  
Regional Comment: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AMERICAN BY PRODUCTS CO., INC. (Continued)**

**S110303385**

Final Payment Due Date:	Not reported
ACOP \$:	Not reported
PAN \$:	Not reported
EMS (Y/N):	Not reported
EMS\$:	Not reported
SEP (Y/N):	Not reported
SEP \$:	Not reported
Demand \$:	Not reported
Suspended \$:	14380
Ownership:	Commercially Owned

**AF100**  
**NNE**  
**1/2-1**  
**0.780 mi.**  
**4121 ft.**

**ADJACENT TO RENZO PIZZERIA**  
**381 REVERE BEACH BLVD**  
**REVERE, MA**

**RGA HWS S115011032**  
**N/A**

**Site 2 of 2 in cluster AF**

**Relative:**  
**Higher**

RGA HWS:

2012	ADJACENT TO RENZO PIZZERIA	381 REVERE BEACH BLVD
2011	ADJACENT TO RENZO PIZZERIA	381 REVERE BEACH BLVD
2010	ADJACENT TO RENZO PIZZERIA	381 REVERE BEACH BLVD

**Actual:**  
**9 ft.**

**AG101**  
**SSW**  
**1/2-1**  
**0.789 mi.**  
**4168 ft.**

**SUNOCO STA REVERE BEACH PKWY**  
**1781 NORTH SHORE RD**  
**REVERE, MA**

**RGA HWS S115050838**  
**N/A**

**Site 1 of 5 in cluster AG**

**Relative:**  
**Higher**

RGA HWS:

2012	SUNOCO STA REVERE BEACH PKWY	1781 NORTH SHORE RD
2011	SUNOCO STA REVERE BEACH PKWY	1781 NORTH SHORE RD
2010	SUNOCO STA REVERE BEACH PKWY	1781 NORTH SHORE RD
2009	SUNOCO STA REVERE BEACH PKWY	1781 NORTH SHORE RD

**Actual:**  
**19 ft.**

**AG102**  
**SSW**  
**1/2-1**  
**0.789 mi.**  
**4168 ft.**

**BEST PETROLEUM STATION/REVERE BEACH PKWY**  
**1781 NORTH SHORE RD**  
**REVERE, MA**

**RGA HWS S115013485**  
**N/A**

**Site 2 of 5 in cluster AG**

**Relative:**  
**Higher**

RGA HWS:

2012	BEST PETROLEUM STATION/REVERE BEACH PKWY	1781 NORTH SHORE RD
2011	BEST PETROLEUM STATION/REVERE BEACH PKWY	1781 NORTH SHORE RD
2010	BEST PETROLEUM STATION/REVERE BEACH PKWY	1781 NORTH SHORE RD
2009	BEST PETROLEUM STATION/REVERE BEACH PKWY	1781 NORTH SHORE RD
2008	BEST PETROLEUM STATION/REVERE BEACH PKWY	1781 NORTH SHORE RD
2007	BEST PETROLEUM STATION/REVERE BEACH PKWY	1781 NORTH SHORE RD
2006	BEST PETROLEUM STATION/REVERE BEACH PKWY	1781 NORTH SHORE RD

**Actual:**  
**19 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

EDR ID Number  
 EPA ID Number

Site

Database(s)

**BEST PETROLEUM STATION/REVERE BEACH PKWY (Continued)**

**S115013485**

2005	BEST PETROLEUM STATION/REVERE BEACH PKWY RD	1781 NORTH SHORE
2004	BEST PETROLEUM STATION/REVERE BEACH PKWY RD	1781 NORTH SHORE
2003	BEST PETROLEUM STATION/REVERE BEACH PKWY RD	1781 NORTH SHORE
2002	BEST PETROLEUM STATION/REVERE BEACH PKWY RD	1781 NORTH SHORE
1996	BEST PETROLEUM STATION/REVERE BEACH PKWY RD	1781 NORTH SHORE

**AG103**  
**SSW**  
 1/2-1  
 0.789 mi.  
 4168 ft.

**SUNOCO STA REVERE BEACH PKWY**  
**1781 NORTH SHORE RD**  
**REVERE, MA**

**RGA HWS**

**S115050837**  
**N/A**

**Site 3 of 5 in cluster AG**

**Relative:**  
**Higher**

RGA HWS:

2008	SUNOCO STA REVERE BEACH PKWY	1781 NORTH SHORE RD
2007	SUNOCO STA REVERE BEACH PKWY	1781 NORTH SHORE RD
2006	SUNOCO STA REVERE BEACH PKWY	1781 NORTH SHORE RD
2005	SUNOCO STA REVERE BEACH PKWY	1781 NORTH SHORE RD
2004	SUNOCO STA REVERE BEACH PKWY	1781 NORTH SHORE RD

**Actual:**  
**19 ft.**

**AG104**  
**SSW**  
 1/2-1  
 0.789 mi.  
 4168 ft.

**SUNOCO STA REVERE BEACH PKWY**  
**1781 NORTH SHORE RD**  
**REVERE, MA 02151**

**SHWS**

**1004517744**  
**N/A**

**Site 4 of 5 in cluster AG**

**LAST**  
**LUST**  
**RELEASE**  
**HW GEN**

**Relative:**  
**Higher**

SHWS:

Release Tracking Number/Current Status: 3-0010187 / RAO

Release Town: REVERE

Notification Date: 11/13/1993

Category: TWO HR

Associated ID: Not reported

**Current Status:** **Response Action Outcome**

Status Date: 08/25/1995

Phase: Not reported

Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Oil Or Haz Material: Oil

Location Type: COMMERCIAL

Source: TANKER

Source: UST

Source: PIPE

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: GASOLINE

Quantity: 15 gallons

Actions:

Action Type: RLFA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO STA REVERE BEACH PKWY (Continued)**

**1004517744**

Action Status: FOLFLD  
Action Date: 11/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 11/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 11/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/25/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release Tracking Number/Current Status: 3-0023309 / RAO  
Release Town: REVERE  
Notification Date: 10/21/2003  
Category: 120 DY  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 10/21/2003  
Phase: Not reported  
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
Oil Or Haz Material: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: BENZO[B]FLUORANTHENE  
Quantity: 1.2 parts per million  
Chemical: BENZO[A]PYRENE  
Quantity: 1.1 parts per million  
Chemical: BENZO[A]ANTHRACENE  
Quantity: .98 parts per million

Actions:  
Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/21/2003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO STA REVERE BEACH PKWY (Continued)**

**1004517744**

Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/21/2003

Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/21/2003

Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

LAST:

Release Tracking Number/Current Status: 3-0001568 / RAO  
Source Type: AST  
Release Town: REVERE  
Notification Date: 04/04/1988  
Category: NONE  
Associated ID: 3-0001568  
Status Date: 02/14/2001  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil Or Haz Material: Not reported

Chemicals:

Chemical: UNKNOWN  
Quantity: Not reported  
Location Type: GASSTATION  
Source: AST  
Source: UST

Actions:

Action Type: TREGS  
Action Status: WAVSIG  
Action Date: 10/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 11/12/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 11/26/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 11/27/1998

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO STA REVERE BEACH PKWY (Continued)**

**1004517744**

Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/6/1993
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	TREGS
Action Status:	WAVACC
Action Date:	12/6/1993
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	12/6/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	2/14/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	4/26/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	4/4/1988
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	4/4/1988
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	6/1/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	TREGS
Action Status:	WAVREC
Action Date:	7/13/1993
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO STA REVERE BEACH PKWY (Continued)**

**1004517744**

LUST:

Facility:

Release Tracking Number/Current Status: 3-0010187 / RAO  
Status Date: 08/25/1995  
Source Type: UST  
Release Town: REVERE  
Notification Date: 11/13/1993  
Category: TWO HR  
Associated ID: Not reported  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil Or Haz Material: Oil  
Location Type: COMMERCIAL  
Source: TANKER  
Source: UST  
Source: PIPE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: GASOLINE  
Quantity: 15 gallons

Actions:

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 11/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 11/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 11/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/25/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO STA REVERE BEACH PKWY (Continued)**

**1004517744**

to background or a threat of release has been eliminated.

Facility:

Release Tracking Number/Current Status: 3-0011751 / RAONR  
Status Date: 12/06/1998  
Source Type: UST  
Release Town: REVERE  
Notification Date: 10/19/1994  
Category: 72 HR  
Associated ID: 3-0001568  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil

Location Type: COMMERCIAL  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: GASOLINE  
Quantity: 50 parts per million  
Chemical: GASOLINE  
Quantity: 500 parts per million

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/19/1994  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/19/1994  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 10/27/1994  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 11/21/1994  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 11/26/1999  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 11/27/1998



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO STA REVERE BEACH PKWY (Continued)**

**1004517744**

Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	11/3/1994
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	11/7/1994
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/19/1994
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/6/1993
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	12/6/1998
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	12/6/1998
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	2/13/1995
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	3/29/1995
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	4/26/1995
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	4/26/1995
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	4/26/1995
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO STA REVERE BEACH PKWY (Continued)**

**1004517744**

Facility:

Release Tracking Number/Current Status: 3-0001568 / RAO  
Status Date: 02/14/2001  
Source Type: UST  
Release Town: REVERE  
Notification Date: 04/04/1988  
Category: NONE  
Associated ID: 3-0001568  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Not reported  
Location Type: GASSTATION  
Source: AST  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: UNKNOWN  
Quantity: Not reported

Actions:

Action Type: TREGS  
Action Status: WAVSIG  
Action Date: 10/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 11/12/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 11/26/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 11/27/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 12/6/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO STA REVERE BEACH PKWY (Continued)**

**1004517744**

Action Status: WAVACC  
Action Date: 12/6/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 12/6/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 2/14/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 4/26/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 4/4/1988  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 4/4/1988  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 6/1/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS  
Action Status: WAVREC  
Action Date: 7/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0001568 / RAO  
Primary ID: 3-0001568  
Official City: REVERE  
Notification: 04/04/1988  
Category: NONE  
Status Date: 02/14/2001  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO STA REVERE BEACH PKWY (Continued)**

**1004517744**

Oil / Haz Material Type:                      been reduced to background.  
Not reported

Click here to access the MA DEP site for this facility:

Actions:

Action Type:                                      TREGS  
Action Status:                                    WAVSIG  
Action Date:                                      10/13/1993  
Response Action Outcome:                    A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:                                    Release Abatement Measure  
Action Status:                                   Written Plan Received  
Action Date:                                      11/12/1998  
Response Action Outcome:                    A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:                                    Tier Classification  
Action Status:                                   Tier 2 Extension  
Action Date:                                      11/26/1999  
Response Action Outcome:                    A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:                                    Tier Classification  
Action Status:                                   Tier 2 Extension  
Action Date:                                      11/27/1998  
Response Action Outcome:                    A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:                                    Tier Classification  
Action Status:                                   Transmittal, Notice, or Notification Received  
Action Date:                                      12/6/1993  
Response Action Outcome:                    A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:                                    TREGS  
Action Status:                                   WAVACC  
Action Date:                                      12/6/1993  
Response Action Outcome:                    A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:                                    Tier Classification  
Action Status:                                   Tier 2 Classification  
Action Date:                                      12/6/1998  
Response Action Outcome:                    A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:                                    Response Action Outcome - RAO  
Action Status:                                   RAO Statement Received  
Action Date:                                      2/14/2001  
Response Action Outcome:                    A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:                                    Tier Classification  
Action Status:                                   RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date:                                      4/26/1995

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO STA REVERE BEACH PKWY (Continued)**

**1004517744**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 4/4/1988  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 4/4/1988  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 6/1/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS  
Action Status: WAVREC  
Action Date: 7/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: UNKNOWN  
Quantity: Not reported  
Location Type: GASSTATION  
Source: AST  
Source: UST

Release Tracking Number/Current Status: 3-0010187 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 11/13/1993  
Category: TWO HR  
Status Date: 08/25/1995  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:  
Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 11/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO STA REVERE BEACH PKWY (Continued)**

**1004517744**

Action Date: 11/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 11/13/1993  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/25/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
Chemical: GASOLINE  
Quantity: 15 gallons  
Location Type: COMMERCIAL  
Source: TANKER  
Source: UST  
Source: PIPE

Release Tracking Number/Current Status: 3-0011751 / RAONR  
Primary ID: 3-0001568  
Official City: REVERE  
Notification: 10/19/1994  
Category: 72 HR  
Status Date: 12/06/1998  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:  
Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/19/1994  
Response Action Outcome: Not reported  
  
Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/19/1994  
Response Action Outcome: Not reported  
  
Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 10/27/1994

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO STA REVERE BEACH PKWY (Continued)**

**1004517744**

Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	11/21/1994
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	11/26/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	11/27/1998
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	11/3/1994
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	11/7/1994
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/19/1994
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/6/1993
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	12/6/1998
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	12/6/1998
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	2/13/1995
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	3/29/1995
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNOCO STA REVERE BEACH PKWY (Continued)**

**1004517744**

Action Type: RAO Not Required  
Action Status: Linked to a Tier Classified Site  
Action Date: 4/26/1995  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 4/26/1995  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 4/26/1995  
Response Action Outcome: Not reported

Chemicals:  
Chemical: GASOLINE  
Quantity: 50 parts per million  
Chemical: GASOLINE  
Quantity: 500 parts per million  
Location Type: COMMERCIAL  
Source: UST

Release Tracking Number/Current Status: 3-0023309 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 10/21/2003  
Category: 120 DY  
Status Date: 10/21/2003  
Phase: Not reported  
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:  
Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/21/2003  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.  
  
Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/21/2003  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.  
  
Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/21/2003  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SUNOCO STA REVERE BEACH PKWY (Continued)**

**1004517744**

Chemicals:  
 Chemical: BENZO[B]FLUORANTHENE  
 Quantity: 1.2 parts per million  
 Chemical: BENZO[A]PYRENE  
 Quantity: 1.1 parts per million  
 Chemical: BENZO[A]ANTHRACENE  
 Quantity: .98 parts per million

HW GEN:  
 EPA Id: MV7812849174  
 RCRA Generator Status: Not reported  
 State Generator Status: VQG-MA

EPA Id: MAR000014738  
 RCRA Generator Status: VSQG  
 State Generator Status: Not reported

**AG105  
 SSW  
 1/2-1  
 0.789 mi.  
 4168 ft.**

**BEST PETROLEUM  
 1781 NORTH SHORE RD.  
 REVERE, MA**

**RGA HWS S115013490  
 N/A**

**Site 5 of 5 in cluster AG**

**Relative:  
 Higher**

RGA HWS:  
 1993 BEST PETROLEUM 1781 NORTH SHORE RD.  
 1992 BEST PETROLEUM 1781 NORTH SHORE RD.  
 1991 BEST PETROLEUM 1781 NORTH SHORE RD.

**Actual:  
 19 ft.**

**AH106  
 SW  
 1/2-1  
 0.812 mi.  
 4288 ft.**

**NO LOCATION AID  
 400 REVERE BEACH PKWY  
 REVERE, MA 02151**

**SHWS S108117464  
 BROWNFIELDS N/A  
 RELEASE  
 ENF**

**Site 1 of 2 in cluster AH**

**Relative:  
 Higher**

SHWS:  
 Release Tracking Number/Current Status: 3-0026209 / TIERII  
 Release Town: REVERE  
 Notification Date: 09/06/2006  
 Category: 120 DY  
 Associated ID: Not reported  
**Current Status: Tier II, A site/release receiving a total NRS score of less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (see above). Permits are not required at Tier 2 sites/releases and response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites.**

**Actual:  
 23 ft.**

Status Date: 09/17/2007  
 Phase: PHASE II  
 Response Action Outcome: -  
 Oil Or Haz Material: Hazardous Material  
 Source: UNKNOWN

Click here to access the MA DEP site for this facility:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S108117464**

Chemicals:

Chemical: LEAD  
Quantity: 680 milligrams per kilogram  
Chemical: BENZO[A]PYRENE  
Quantity: 5.2 milligrams per kilogram  
Chemical: PHC  
Quantity: 2100 milligrams per kilogram  
Chemical: ARSENIC  
Quantity: 63 milligrams per kilogram

Actions:

Action Type: Release Abatement Measure  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 10/23/2006  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 10/30/2012  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 4/30/2007  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 4/30/2007  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSSENT  
Action Date: 8/6/2007  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 9/17/2007  
Response Action Outcome: Not reported

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 9/17/2007  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 9/17/2007  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 9/19/2006  
Response Action Outcome: Not reported

Action Type: RLFA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S108117464**

Action Status:	FOLOFF
Action Date:	9/21/2006
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	9/21/2007
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	9/21/2009
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	9/21/2009
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	9/25/2012
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	9/6/2006
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	9/6/2006
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Fee Received - FMCRA Use Only
Action Date:	9/7/2006
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	9/7/2006
Response Action Outcome:	Not reported

**BROWNFIELDS 2:**

RTN:	3-0026209
RAO Class:	Not reported
Other RTNs:	Not reported
Current Owner:	City of Revere
MCP Status:	TIER 2
AUL:	Not reported
COCs:	Arsenic, Lead, PHC
Former Use:	Not reported
Current Use:	Police Station
Total Acreage:	1.83

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S108117464**

Release:

Release Tracking Number/Current Status: 3-0026209 / TIERII  
Primary ID: Not reported  
Official City: REVERE  
Notification: 09/06/2006  
Category: 120 DY  
Status Date: 09/17/2007  
Phase: PHASE II  
Response Action Outcome: -  
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Release Abatement Measure  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 10/23/2006  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 10/30/2012  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 4/30/2007  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 4/30/2007  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSSENT  
Action Date: 8/6/2007  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 9/17/2007  
Response Action Outcome: Not reported

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 9/17/2007  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 9/17/2007  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S108117464**

Action Date: 9/19/2006  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 9/21/2006  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 9/21/2007  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 9/21/2009  
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO  
Action Status: Notice of Delay in Meeting RA Deadline Received  
Action Date: 9/21/2009  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 9/25/2012  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/6/2006  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/6/2006  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 9/7/2006  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 9/7/2006  
Response Action Outcome: Not reported

Chemicals:  
Chemical: LEAD  
Quantity: 680 milligrams per kilogram  
Chemical: BENZO[A]PYRENE  
Quantity: 5.2 milligrams per kilogram  
Chemical: PHC  
Quantity: 2100 milligrams per kilogram  
Chemical: ARSENIC  
Quantity: 63 milligrams per kilogram

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NO LOCATION AID (Continued)**

**S108117464**

Source: UNKNOWN

**ENFORCEMENT:**

Region: NERO  
 DEP Region: NERO  
 DEP Program: 3A  
 DEP Bureau: BWSC  
 Program: BWSC  
 Program Id: 3-0026209  
 High Or Low Level Enforcement: LLE  
 FMF #: Not reported  
 Comptroller Billing Name: Not reported  
 Town Where Violation Occurred: Revere  
 Date Executed: 09/25/2012  
 ENF #: NON-NE-12-3A071  
 Document Type: NON  
 AG Ref (Y/N): Not reported  
 Doc Archived (Y/N): Not reported  
 EJ Community (Y/N): Y  
 Regional Comment: Not reported  
 Final Payment Due Date: Not reported  
 ACOP \$: Not reported  
 PAN \$: Not reported  
 EMS (Y/N): Not reported  
 EMS\$: Not reported  
 SEP (Y/N): Not reported  
 SEP \$: Not reported  
 Demand \$: Not reported  
 Suspended \$: Not reported  
 Ownership: Municipally Owned

**AH107  
 SW  
 1/2-1  
 0.812 mi.  
 4288 ft.**

**NO LOCATION AID  
 400 REVERE BEACH PKWY  
 REVERE, MA  
 Site 2 of 2 in cluster AH**

**RGA HWS S115036515  
 N/A**

**Relative:  
 Higher**

RGA HWS:

2012	NO LOCATION AID	400 REVERE BEACH PKWY
2011	NO LOCATION AID	400 REVERE BEACH PKWY
2010	NO LOCATION AID	400 REVERE BEACH PKWY
2009	NO LOCATION AID	400 REVERE BEACH PKWY
2008	NO LOCATION AID	400 REVERE BEACH PKWY
2007	NO LOCATION AID	400 REVERE BEACH PKWY
2006	NO LOCATION AID	400 REVERE BEACH PKWY

**Actual:  
 23 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AI108  
West  
1/2-1  
0.820 mi.  
4328 ft.

OFF OF BEACH ST  
24 CAREY AVE  
REVERE, MA  
  
Site 1 of 2 in cluster AI

RGA HWS S115040570  
N/A

Relative:  
Higher

RGA HWS:

2012	OFF OF BEACH ST	24 CAREY AVE
2011	OFF OF BEACH ST	24 CAREY AVE
2010	OFF OF BEACH ST	24 CAREY AVE
2009	OFF OF BEACH ST	24 CAREY AVE
2008	OFF OF BEACH ST	24 CAREY AVE
2007	OFF OF BEACH ST	24 CAREY AVE
2006	OFF OF BEACH ST	24 CAREY AVE
2005	OFF OF BEACH ST	24 CAREY AVE
2004	OFF OF BEACH ST	24 CAREY AVE
2003	OFF OF BEACH ST	24 CAREY AVE
2002	OFF OF BEACH ST	24 CAREY AVE

Actual:  
46 ft.

AI109  
West  
1/2-1  
0.820 mi.  
4328 ft.

OFF OF BEACH ST  
24 CAREY AVE  
REVERE, MA 02151  
  
Site 2 of 2 in cluster AI

SHWS S102507438  
RELEASE N/A  
LEAD

Relative:  
Higher

SHWS:

Release Tracking Number/Current Status: 3-0014654 / RAO  
Release Town: REVERE  
Notification Date: 12/21/1996  
Category: TWO HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 09/04/1997  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
  
Oil Or Haz Material: Oil  
Location Type: RESIDENTIAL  
Source: PIPE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: #2 FUEL OIL  
Quantity: Not reported  
Chemical: #2 FUEL OIL  
Quantity: 50 gallons

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 1/15/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/21/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OFF OF BEACH ST (Continued)

S102507438

reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 12/21/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 12/21/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 4/10/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 4/10/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/8/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of a Modified Plan  
Action Date: 5/5/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 5/5/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 6/9/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 8/29/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OFF OF BEACH ST (Continued)**

**S102507438**

Action Status: Completion Statement Received  
Action Date: 9/4/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 9/4/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0014654 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 12/21/1996  
Category: TWO HR  
Status Date: 09/04/1997  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 1/15/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/21/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 12/21/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 12/21/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 4/10/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OFF OF BEACH ST (Continued)**

**S102507438**

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 4/10/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/8/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of a Modified Plan  
Action Date: 5/5/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 5/5/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 6/9/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 8/29/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 9/4/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 9/4/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: #2 FUEL OIL  
Quantity: Not reported  
Chemical: #2 FUEL OIL  
Quantity: 50 gallons  
Location Type: RESIDENTIAL  
Source: PIPE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

OFF OF BEACH ST (Continued)

S102507438

LEAD:

Community: Revere  
Unit: 2  
Inspector Name: Stephen Smith  
Inspector License Number: 1599  
Activity Type: INSPECT  
Activity Date: 09/11/1991  
Start Work Date: Not reported  
Activity Descriptions: Comprehensive Initial Inspection  
Outcomes: Hazards Found

110  
West  
1/2-1  
0.825 mi.  
4356 ft.

RESIDENCE  
22 TREVALLEY ROAD  
REVERE, MA

SHWS S118337330  
RELEASE N/A

Relative:  
Higher

SHWS:

Actual:  
40 ft.

Release Tracking Number/Current Status: 3-0033107 / PSNC  
Release Town: REVERE  
Notification Date: 08/25/2015  
Category: TWO HR  
Associated ID: Not reported  
**Current Status: PSNC**  
Status Date: 10/23/2015  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil  
Location Type: RESIDENTIAL  
Source: ROLLOFF  
Source: LINE  
Source: CARRIER

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: HYDRAULIC FLUID  
Quantity: 50 gallons

Actions:

Action Type: Response Action Outcome - RAO  
Action Status: PSNRCD  
Action Date: 10/23/2015  
Response Action Outcome: Not reported

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/23/2015  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/25/2015  
Response Action Outcome: Not reported

Action Type: Immediate Response Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RESIDENCE (Continued)**

**S118337330**

Action Status: Oral Approval of Plan or Action  
Action Date: 8/25/2015  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Oral Approval of a Modified Plan  
Action Date: 8/26/2015  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 9/17/2015  
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0033107 / PSNC  
Primary ID: Not reported  
Official City: REVERE  
Notification: 08/25/2015  
Category: TWO HR  
Status Date: 10/23/2015  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Response Action Outcome - RAO  
Action Status: PSNRCD  
Action Date: 10/23/2015  
Response Action Outcome: Not reported

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/23/2015  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/25/2015  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 8/25/2015  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Oral Approval of a Modified Plan  
Action Date: 8/26/2015  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RESIDENCE (Continued)**

**S118337330**

Action Date: 9/17/2015  
Response Action Outcome: Not reported

Chemicals:  
Chemical: HYDRAULIC FLUID  
Quantity: 50 gallons  
Location Type: RESIDENTIAL  
Source: ROLLOFF  
Source: LINE  
Source: CARRIER

AJ111  
NNE  
1/2-1  
0.837 mi.  
4422 ft.

**POLE NO 2173**  
**890 NORTH SHORE RD RTE 1A**  
**REVERE, MA 02151**  
**Site 1 of 2 in cluster AJ**

**SHWS S105200185**  
**RELEASE N/A**

**Relative:**  
**Higher**

SHWS:  
Release Tracking Number/Current Status: 3-0021296 / RAO  
Release Town: REVERE  
Notification Date: 12/02/2001  
Category: TWO HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 01/22/2002  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
  
Oil Or Haz Material: Not reported  
Location Type: ROADWAY  
Source: TRANSFORM

**Actual:**  
**9 ft.**

Click here to access the MA DEP site for this facility:

Chemicals:  
Chemical: MODF  
Quantity: 40 gallons  
Chemical: MODF  
Quantity: 30 gallons

Actions:  
Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/22/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 1/22/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 1/8/2002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**POLE NO 2173 (Continued)**

**S105200185**

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 12/2/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 12/2/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/2/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**Release:**

Release Tracking Number/Current Status: 3-0021296 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 12/02/2001  
Category: TWO HR  
Status Date: 01/22/2002  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Oil / Haz Material Type: Not reported

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/22/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 1/22/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 1/8/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**POLE NO 2173 (Continued)**

**S105200185**

Action Status:	Oral Approval of Plan or Action
Action Date:	12/2/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	FLDISS
Action Date:	12/2/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	12/2/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Chemicals:	
Chemical:	MODF
Quantity:	40 gallons
Chemical:	MODF
Quantity:	30 gallons
Location Type:	ROADWAY
Source:	TRANSFORM

<b>AJ112</b> <b>NNE</b> <b>1/2-1</b> <b>0.837 mi.</b> <b>4422 ft.</b>	<b>POLE NO 2173</b> <b>890 NORTH SHORE RD RTE 1A</b> <b>REVERE, MA</b>  <b>Site 2 of 2 in cluster AJ</b>	<b>RGA HWS</b>	<b>S115042898</b> <b>N/A</b>
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<b>Relative:</b> <b>Higher</b>	<b>RGA HWS:</b>	2012 POLE NO 2173 890 NORTH SHORE RD RTE 1A 2011 POLE NO 2173 890 NORTH SHORE RD RTE 1A 2010 POLE NO 2173 890 NORTH SHORE RD RTE 1A 2009 POLE NO 2173 890 NORTH SHORE RD RTE 1A 2008 POLE NO 2173 890 NORTH SHORE RD RTE 1A 2007 POLE NO 2173 890 NORTH SHORE RD RTE 1A 2006 POLE NO 2173 890 NORTH SHORE RD RTE 1A 2005 POLE NO 2173 890 NORTH SHORE RD RTE 1A 2004 POLE NO 2173 890 NORTH SHORE RD RTE 1A 2003 POLE NO 2173 890 NORTH SHORE RD RTE 1A 2002 POLE NO 2173 890 NORTH SHORE RD RTE 1A
<b>Actual:</b> <b>9 ft.</b>		

<b>AK113</b> <b>SW</b> <b>1/2-1</b> <b>0.843 mi.</b> <b>4450 ft.</b>	<b>SEAVIEW TOWERS CONDO TRUST</b> <b>515 REVERE BEACH PWY</b> <b>REVERE, MA</b>  <b>Site 1 of 2 in cluster AK</b>	<b>RGA HWS</b>	<b>S115048496</b> <b>N/A</b>
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<b>Relative:</b> <b>Higher</b>	<b>RGA HWS:</b>	2001 SEAVIEW TOWERS CONDO TRUST 515 REVERE BEACH PWY 2000 SEAVIEW TOWERS CONDO TRUST 515 REVERE BEACH PWY 1999 SEAVIEW TOWERS CONDO TRUST 515 REVERE BEACH PWY 1998 SEAVIEW TOWERS CONDO TRUST 515 REVERE BEACH PWY
<b>Actual:</b> <b>16 ft.</b>		

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AK114  
SW  
1/2-1  
0.843 mi.  
4450 ft.

SEAVIEW TOWERS CONDO TRUST  
515 REVERE BECH PWY  
REVERE, MA

RGA HWS S115048497  
N/A

Site 2 of 2 in cluster AK

Relative:  
Higher

RGA HWS:

1997 SEAVIEW TOWERS CONDO TRUST 515 REVERE BECH PWY

Actual:  
16 ft.

AL115  
NW  
1/2-1  
0.851 mi.  
4493 ft.

E-Z LUBE  
415 AMERICAN LEGION HWY  
REVERE, MA 02151

SHWS S105309392  
RELEASE N/A  
HW GEN

Site 1 of 2 in cluster AL

Relative:  
Higher

SHWS:

Release Tracking Number/Current Status: 3-0021440 / RAO

Release Town: REVERE

Notification Date: 01/29/2002

Category: 120 DY

Associated ID: Not reported

**Current Status: Response Action Outcome**

Status Date: 04/10/2003

Phase: Not reported

Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.

Oil Or Haz Material: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: BENZO[A]PYRENE  
Quantity: 1.8 milligrams per kilogram  
Chemical: INDENO(1,2,3-CD)PYRENE  
Quantity: 1.2 milligrams per kilogram  
Chemical: BENZO[B]FLUORANTHENE  
Quantity: 2.5 milligrams per kilogram  
Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS  
Quantity: 125 milligrams per kilogram  
Chemical: BENZO[A]ANTHRACENE  
Quantity: 1.6 milligrams per kilogram  
Chemical: MTBE  
Quantity: .4 milligrams per kilogram

Actions:

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/29/2002  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/29/2002  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**E-Z LUBE (Continued)**

**S105309392**

Action Date: 4/10/2003  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 4/8/2003  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 7/3/2002  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Release:

Release Tracking Number/Current Status: 3-0021440 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 01/29/2002  
Category: 120 DY  
Status Date: 04/10/2003  
Phase: Not reported  
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/29/2002  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/29/2002  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 4/10/2003  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 4/8/2003  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**E-Z LUBE (Continued)**

**S105309392**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
 Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
 Action Date: 7/3/2002  
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Chemicals:

Chemical: BENZO[A]PYRENE  
 Quantity: 1.8 milligrams per kilogram  
 Chemical: INDENO(1,2,3-CD)PYRENE  
 Quantity: 1.2 milligrams per kilogram  
 Chemical: BENZO[B]FLUORANTHENE  
 Quantity: 2.5 milligrams per kilogram  
 Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS  
 Quantity: 125 milligrams per kilogram  
 Chemical: BENZO[A]ANTHRACENE  
 Quantity: 1.6 milligrams per kilogram  
 Chemical: MTBE  
 Quantity: .4 milligrams per kilogram

HW GEN:

EPA Id: MAD985271758  
 RCRA Generator Status: VSQG  
 State Generator Status: LQG-MA

**AL116  
 NW  
 1/2-1  
 0.851 mi.  
 4493 ft.**

**E-Z LUBE  
 415 AMERICAN LEGION HWY  
 REVERE, MA**

**RGA HWS S115019359  
 N/A**

**Site 2 of 2 in cluster AL**

**Relative:  
 Higher**

RGA HWS:

2012	E-Z LUBE	415 AMERICAN LEGION HWY
2011	E-Z LUBE	415 AMERICAN LEGION HWY
2010	E-Z LUBE	415 AMERICAN LEGION HWY
2009	E-Z LUBE	415 AMERICAN LEGION HWY
2008	E-Z LUBE	415 AMERICAN LEGION HWY
2007	E-Z LUBE	415 AMERICAN LEGION HWY
2006	E-Z LUBE	415 AMERICAN LEGION HWY
2005	E-Z LUBE	415 AMERICAN LEGION HWY
2004	E-Z LUBE	415 AMERICAN LEGION HWY
2003	E-Z LUBE	415 AMERICAN LEGION HWY
2002	E-Z LUBE	415 AMERICAN LEGION HWY

**Actual:  
 12 ft.**

**AM117  
 NNE  
 1/2-1  
 0.860 mi.  
 4542 ft.**

**COD OIL FACILITY  
 885 NORTH SHORE RD  
 REVERE, MA 02151**

**SHWS S101033821  
 LAST N/A  
 RELEASE  
 SPILLS  
 HW GEN**

**Site 1 of 2 in cluster AM**

**Relative:  
 Higher**

SHWS:

Release Tracking Number/Current Status: 3-0013588 / RAO  
 Release Town: REVERE  
 Notification Date: 05/21/1996  
 Category: 120 DY

**Actual:  
 9 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COD OIL FACILITY (Continued)**

**S101033821**

Associated ID: Not reported  
**Current Status:** **Response Action Outcome**  
Status Date: 02/23/1998  
Phase: Not reported  
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
Oil Or Haz Material: Oil  
Location Type: COMMERCIAL  
Source: DRUMS  
Source: SLOPPY  
Source: AST  
Source: HOUSEKEEPG

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: TPH  
Quantity: 26000 milligrams per kilogram

**Actions:**

Action Type: Release Abatement Measure  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 10/31/1997  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 2/23/1998  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 2/25/1998  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/21/1996  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 3/27/1996  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 4/30/1996  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COD OIL FACILITY (Continued)**

**S101033821**

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/21/1996  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 6/20/1997  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Abatement Measure  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 6/30/1997  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/30/1996  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

**LAST:**

Release Tracking Number/Current Status: 3-0013588 / RAO  
Source Type: AST  
Release Town: REVERE  
Notification Date: 05/21/1996  
Category: 120 DY  
Associated ID: Not reported  
Status Date: 02/23/1998  
Phase: Not reported  
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
Oil Or Haz Material: Oil

**Chemicals:**

Chemical: TPH  
Quantity: 26000 milligrams per kilogram  
Location Type: COMMERCIAL  
Source: DRUMS  
Source: SLOPPY  
Source: AST  
Source: HOUSEKEEPG

**Actions:**

Action Type: Release Abatement Measure  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 10/31/1997  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 2/23/1998  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COD OIL FACILITY (Continued)**

**S101033821**

Significant Risk exists.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 2/25/1998  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/21/1996  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 3/27/1996  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 4/30/1996  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/21/1996  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 6/20/1997  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Abatement Measure  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 6/30/1997  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/30/1996  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Release:  
Release Tracking Number/Current Status: 3-0013588 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 05/21/1996  
Category: 120 DY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COD OIL FACILITY (Continued)**

**S101033821**

Status Date: 02/23/1998  
Phase: Not reported  
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Release Abatement Measure  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 10/31/1997  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 2/23/1998  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 2/25/1998  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/21/1996  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 3/27/1996  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 4/30/1996  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/21/1996  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 6/20/1997  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**COD OIL FACILITY (Continued)**

**S101033821**

Action Type: Release Abatement Measure  
 Action Status: Fee Received - FMCRA Use Only  
 Action Date: 6/30/1997  
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNF  
 Action Status: Reportable Release under MGL 21E  
 Action Date: 8/30/1996  
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Chemicals:

Chemical: TPH  
 Quantity: 26000 milligrams per kilogram  
 Location Type: COMMERCIAL  
 Source: DRUMS  
 Source: SLOPPY  
 Source: AST  
 Source: HOUSEKEEPG

MA Spills:

Facility ID:	0000	Spill ID:	N91-1384
Staff Lead:	MACAFEE, K	Date Entered:	19920122
Last Entered:	19920807	First Response:	19911002
Spill Date:	19910929	Spill Time:	Not reported
Report Date:	19911002	Report Time:	09:00AM
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	WASTE	Contam Soil:	Not reported
Env Impact:	Not reported	Other Impact:	Not reported
Material:	MISCELLANEOUS OIL	Other Material:	Not reported
Qty Reported:	UNKNOWN	Qty Actual:	NONE
Qty Reported:	-----	Qty Actual:	-----
CAS No:	Not reported	PCB Lev (ppm):	-----
Source:	OTHER SOURCE >	Other Source:	TRUCKS
Incident:	OTHER RELEASE >	Other Incdnt:	WASHING
Cleanup Type:	---	Contractor:	NOT USED
Referral:	NO	LUST Elig:	NO
Report Prep:	Not reported	Category:	5
Notifier:	ANON		
Notif Tel:	Not reported		
Days/Close:	1		

Facility ID:	0000	Spill ID:	N90-0953
Staff Lead:	BOYLE, T	Date Entered:	19900626
Last Entered:	19900626	First Response:	19900613
Spill Date:	19900613	Spill Time:	Not reported
Report Date:	19900613	Report Time:	04:20PM
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	-----	Contam Soil:	Not reported
Env Impact:	Not reported	Other Impact:	Not reported
Material:	OTHER MATERIAL -->	Other Material:	OIL
Qty Reported:	SHEEN	Qty Actual:	SHEEN
Qty Reported:	-----	Qty Actual:	-----
CAS No:	Not reported	PCB Lev (ppm):	NONE
Source:	OTHER SOURCE >	Other Source:	?

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**COD OIL FACILITY (Continued)**

**S101033821**

Incident:	SPILL	Other Incdnt:	Not reported
Cleanup Type:	---	Contractor:	NOT USED
Referral:	NO	LUST Elig:	NO
Report Prep:	Not reported	Category:	Not reported
Notifier:	ANONYMOUS		
Notif Tel:	Not reported		
Days/Close:	1		

Facility ID:	0000	Spill ID:	N90-0957
Staff Lead:	GORRASI, M	Date Entered:	19900626
Last Entered:	19900626	First Response:	19900614
Spill Date:	19900614	Spill Time:	Not reported
Report Date:	19900614	Report Time:	11:50AM
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	Not reported	Other Impact:	Not reported
Material:	MISCELLANEOUS OIL	Other Material:	Not reported
Qty Reported:	UNKNOWN	Qty Actual:	UNKNOWN
Qty Reported:	GALLONS	Qty Actual:	GALLONS
CAS No:	Not reported	PCB Lev (ppm):	NONE
Source:	TANKER TRUCK	Other Source:	Not reported
Incident:	OTHER RELEASE >	Other Incdnt:	WASH WASTE
Cleanup Type:	---	Contractor:	NOT USED
Referral:	NO	LUST Elig:	NO
Report Prep:	Not reported	Category:	Not reported
Notifier:	BILL VERDONE/EPA LEXINGTON		
Notif Tel:	Not reported		
Days/Close:	1		

HW GEN:  
 EPA Id: MV6178843390  
 RCRA Generator Status: VSQG  
 State Generator Status: SQG-MA

**AM118**  
**NNE**  
 1/2-1  
 0.860 mi.  
 4542 ft.

**COD OIL FACILITY**  
**885 NORTH SHORE RD**  
**REVERE, MA**  
 Site 2 of 2 in cluster AM

**RGA HWS S115016606**  
**N/A**

**Relative:**  
**Higher**

RGA HWS:	2012	COD OIL FACILITY	885 NORTH SHORE RD
	2011	COD OIL FACILITY	885 NORTH SHORE RD
	2010	COD OIL FACILITY	885 NORTH SHORE RD
	2009	COD OIL FACILITY	885 NORTH SHORE RD
	2008	COD OIL FACILITY	885 NORTH SHORE RD
	2007	COD OIL FACILITY	885 NORTH SHORE RD
	2006	COD OIL FACILITY	885 NORTH SHORE RD
	2005	COD OIL FACILITY	885 NORTH SHORE RD
	2004	COD OIL FACILITY	885 NORTH SHORE RD
	2003	COD OIL FACILITY	885 NORTH SHORE RD
	2002	COD OIL FACILITY	885 NORTH SHORE RD
	1996	COD OIL FACILITY	885 NORTH SHORE RD

**Actual:**  
**9 ft.**



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AN119**  
**WNW**  
 1/2-1  
 0.867 mi.  
 4578 ft.

**PROPERTY**  
**62 REVERE ST**  
**REVERE, MA**  
  
**Site 1 of 3 in cluster AN**

**RGA HWS**    **S115044443**  
 N/A

**Relative:**  
**Higher**  
  
**Actual:**  
 18 ft.

RGA HWS:

2001	PROPERTY	62 REVERE ST
2000	PROPERTY	62 REVERE ST
1999	PROPERTY	62 REVERE ST

**AN120**  
**WNW**  
 1/2-1  
 0.867 mi.  
 4578 ft.

**RESIDENCE**  
**62 REVERE ST**  
**REVERE, MA 02151**  
  
**Site 2 of 3 in cluster AN**

**SHWS**    **S102967408**  
**RELEASE**    **N/A**  
**LEAD**

**Relative:**  
**Higher**  
  
**Actual:**  
 18 ft.

SHWS:

Release Tracking Number/Current Status: 3-0015712 / RAO  
 Release Town: REVERE  
 Notification Date: 11/10/1997  
 Category: 120 DY  
 Associated ID: Not reported  
**Current Status: Response Action Outcome**  
 Status Date: 12/17/1999  
 Phase: PHASE II  
 Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
  
 Oil Or Haz Material: Oil

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical:	TPH
Quantity:	9500 milligrams per kilogram
Chemical:	#2 FUEL OIL
Quantity:	Not reported

Actions:

Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	11/10/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	11/10/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	11/13/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RESIDENCE (Continued)**

**S102967408**

Action Date: 11/13/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 11/13/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 12/17/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 12/17/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 3/26/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 5/5/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0015712 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 11/10/1997  
Category: 120 DY  
Status Date: 12/17/1999  
Phase: PHASE II  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/10/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RESIDENCE (Continued)**

**S102967408**

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/10/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 11/13/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 11/13/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 11/13/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 12/17/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 12/17/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 3/26/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 5/5/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: TPH  
Quantity: 9500 milligrams per kilogram  
Chemical: #2 FUEL OIL  
Quantity: Not reported

LEAD:  
Community: Revere

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RESIDENCE (Continued)**

**S102967408**

Unit: 1  
 Inspector Name: John Risko  
 Inspector License Number: 1128  
 Activity Type: INSPECT  
 Activity Date: 01/25/2003  
 Start Work Date: Not reported  
 Activity Descriptions: Comprehensive Initial Inspection  
 Outcomes: No Hazards Found

Community: Revere  
 Unit: 1  
 Inspector Name: John Risko  
 Inspector License Number: 1128  
 Activity Type: COMPLIANCE  
 Activity Date: 01/25/2003  
 Start Work Date: Not reported  
 Activity Descriptions: Letter of Full Initial Insp Comp  
 Outcomes: Issued

Community: Revere  
 Unit: 2  
 Inspector Name: John Risko  
 Inspector License Number: 1128  
 Activity Type: INSPECT  
 Activity Date: 01/25/2003  
 Start Work Date: Not reported  
 Activity Descriptions: Comprehensive Initial Inspection  
 Outcomes: No Hazards Found

Community: Revere  
 Unit: 2  
 Inspector Name: John Risko  
 Inspector License Number: 1128  
 Activity Type: COMPLIANCE  
 Activity Date: 01/25/2003  
 Start Work Date: Not reported  
 Activity Descriptions: Letter of Full Initial Insp Comp  
 Outcomes: Issued

**AN121  
 WNW  
 1/2-1  
 0.867 mi.  
 4578 ft.**

**RESIDENCE  
 62 REVERE ST  
 REVERE, MA**

**Site 3 of 3 in cluster AN**

**RGA HWS S115046198  
 N/A**

**Relative:  
 Higher**

RGA HWS:

2012	RESIDENCE	62 REVERE ST
2011	RESIDENCE	62 REVERE ST
2010	RESIDENCE	62 REVERE ST
2009	RESIDENCE	62 REVERE ST
2008	RESIDENCE	62 REVERE ST
2007	RESIDENCE	62 REVERE ST
2006	RESIDENCE	62 REVERE ST
2005	RESIDENCE	62 REVERE ST
2004	RESIDENCE	62 REVERE ST
2003	RESIDENCE	62 REVERE ST
2002	RESIDENCE	62 REVERE ST

**Actual:  
 18 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

122  
NNE  
1/2-1  
0.916 mi.  
4837 ft.

ACROSS FROM 57  
OAK ISLAND ST  
REVERE, MA 02151

SHWS S105596411  
RELEASE N/A

Relative:  
Higher

SHWS:

Actual:  
9 ft.

Release Tracking Number/Current Status: 3-0021914 / RAO  
Release Town: REVERE  
Notification Date: 07/03/2002  
Category: TWO HR  
Associated ID: Not reported  
**Current Status:** **Response Action Outcome**  
Status Date: 08/29/2002  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Oil  
Location Type: RESIDENTIAL  
Location Type: ROADWAY  
Source: TRANSFORM

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: TRANSFORMER OIL  
Quantity: 15 gallons  
Chemical: MINERAL OIL  
Quantity: 15 gallons

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 7/3/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/3/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 8/1/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/29/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/29/2002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ACROSS FROM 57 (Continued)**

**S105596411**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0021914 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 07/03/2002  
Category: TWO HR  
Status Date: 08/29/2002  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 7/3/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/3/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/1/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/29/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/29/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical: TRANSFORMER OIL  
Quantity: 15 gallons  
Chemical: MINERAL OIL  
Quantity: 15 gallons  
Location Type: RESIDENTIAL  
Location Type: ROADWAY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ACROSS FROM 57 (Continued)

S105596411

Source: TRANSFORM

123  
WSW  
1/2-1  
0.919 mi.  
4850 ft.

NO LOCATION AID  
600 TO 612 REVERE BEACH HWY  
REVERE, MA 02151

SHWS S106512673  
RELEASE N/A

Relative:  
Higher

SHWS:

Release Tracking Number/Current Status: 3-0022466 / RAO  
Release Town: REVERE  
Notification Date: 01/09/2003  
Category: TWO HR  
Associated ID: Not reported  
**Current Status:** **Response Action Outcome**  
Status Date: 04/01/2003  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Hazardous Material  
Location Type: COMMERCIAL  
Source: UNKNOWN

Actual:  
14 ft.

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: PETROLEUM HYDROCARBONS  
Quantity: 1200 milligrams per kilogram  
Chemical: PCB  
Quantity: Not reported  
Chemical: PCB  
Quantity: 2.46 milligrams per kilogram

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 1/9/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/9/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 2/3/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 3/7/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S106512673**

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 4/1/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0022466 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 01/09/2003  
Category: TWO HR  
Status Date: 04/01/2003  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 1/9/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/9/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 2/3/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 3/7/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 4/1/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical: PETROLEUM HYDROCARBONS  
Quantity: 1200 milligrams per kilogram  
Chemical: PCB



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S106512673**

Quantity: Not reported  
Chemical: PCB  
Quantity: 2.46 milligrams per kilogram  
Location Type: COMMERCIAL  
Source: UNKNOWN

**124  
WNW  
1/2-1  
0.919 mi.  
4852 ft.**

**NORTH SHORE BUS CO INC  
851 BROADWAY  
REVERE, MA 02151**

**SHWS  
LUST  
UST  
RELEASE  
Financial Assurance**  
**U002010075  
N/A**

**Relative:  
Higher**

SHWS:  
Release Tracking Number/Current Status: 3-0033225 / PSNC  
Release Town: REVERE  
Notification Date: 10/22/2015  
Category: 72 HR  
Associated ID: Not reported  
**Current Status: PSNC**  
Status Date: 04/07/2016  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil  
Location Type: COMMERCIAL  
Source: UST  
Source: TANK

**Actual:  
22 ft.**

Click here to access the MA DEP site for this facility:

Chemicals:  
Chemical: GASOLINE VOCS  
Quantity: 137.8 parts per million

Actions:  
Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/22/2015  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/22/2015  
Response Action Outcome: Not reported

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/30/2015  
Response Action Outcome: Not reported

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 11/1/2015  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 11/16/2015

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE BUS CO INC (Continued)**

**U002010075**

Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	NOTSHP
Action Date:	11/25/2015
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	SHPFAC
Action Date:	11/25/2015
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/21/2015
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/21/2015
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	12/21/2015
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	12/21/2015
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	12/23/2015
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	4/11/2016
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	4/7/2016
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	PSNRCD
Action Date:	4/7/2016
Response Action Outcome:	Not reported

LUST:

Facility:

Release Tracking Number/Current Status: 3-0033225 / PSNC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE BUS CO INC (Continued)**

**U002010075**

Status Date: 04/07/2016  
Source Type: UST  
Release Town: REVERE  
Notification Date: 10/22/2015  
Category: 72 HR  
Associated ID: Not reported  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil

Location Type: COMMERCIAL  
Source: UST  
Source: TANK

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: GASOLINE VOCS  
Quantity: 137.8 parts per million

Actions:  
Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/22/2015  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/22/2015  
Response Action Outcome: Not reported

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/30/2015  
Response Action Outcome: Not reported

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 11/1/2015  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 11/16/2015  
Response Action Outcome: Not reported

Action Type: BOL  
Action Status: NOTSHP  
Action Date: 11/25/2015  
Response Action Outcome: Not reported

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 11/25/2015  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE BUS CO INC (Continued)**

**U002010075**

Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/21/2015
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/21/2015
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	12/21/2015
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	12/21/2015
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	12/23/2015
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	4/11/2016
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	4/7/2016
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	PSNRCD
Action Date:	4/7/2016
Response Action Outcome:	Not reported

Facility:

Release Tracking Number/Current Status:	3-0017674 / RAO
Status Date:	03/19/2002
Source Type:	UST
Release Town:	REVERE
Notification Date:	12/03/1998
Category:	72 HR
Associated ID:	Not reported
Phase:	PHASE II
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil
Location Type:	COMMERCIAL
Source:	UST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE BUS CO INC (Continued)**

**U002010075**

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: DIESEL  
Quantity: 210 parts per million  
Chemical: GASOLINE  
Quantity: 619 parts per million

Actions:

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/21/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 1/8/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 1/8/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 12/2/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 12/2/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 12/2/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 12/3/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/3/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE BUS CO INC (Continued)**

**U002010075**

reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 12/7/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 2/3/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 3/19/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 3/19/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/9/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of a Modified Plan  
Action Date: 4/9/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 4/9/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 8/16/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

UST:

Facility:

Facility ID: 14924  
Owner Id: 4959  
Owner: NORTH SHORE BUS CO INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE BUS CO INC (Continued)**

**U002010075**

Owner Address: 851 BROADWAY  
Owner City,St,Zip: REVERE, MA 02151  
Telephone: Not reported  
Description: Not reported  
Facility address 2: Not reported  
Owner address 2: Not reported  
Latitude: 42.41831  
Longitude: -71.00669  
Contact name: Not reported  
Contact address1: Not reported  
Contact address2: Not reported  
Contact city: Not reported  
Contact state: Not reported  
Contact zip: Not reported  
Contact email: Not reported  
Update: 1999-01-14 00:00:00  
Update by: Not reported  
Fac status: CLOSED

Tank ID: 1  
**Tank Status: Tank Removed**  
Status Date: 12/02/1998  
Date Installed: 05/08/1966  
Capacity: 4000.00000  
Contents: Diesel  
Tank Usage: Motor Vehi  
Tank Leak Detection: Manual Tank Gauging (1,000G or more capacity tank)  
Pipe Leak Detection: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Single-walled metal tank (cathodic protection required)  
Pipe construct: Single-walled metal (Corrosion protection required)  
Ptype: Not reported  
Number of compartment: Not reported  
Pipe install date: Not reported  
Pipe leak install date: Not reported  
Submersible sump: N  
Submersible sump install date: Not reported  
Turbine sump: N  
Turbine sump sensor: N  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Not reported  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 2  
**Tank Status: Tank Removed**  
Status Date: 12/02/1998  
Date Installed: 05/08/1966  
Capacity: 1000.00000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE BUS CO INC (Continued)**

**U002010075**

Contents: Diesel  
Tank Usage: Motor Vehi  
Tank Leak Detection: Manual Tank Gauging (1,000G or less capacity tank)  
Pipe Leak Detection: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Single-walled metal tank (cathodic protection required)  
Pipe construct: Single-walled metal (Corrosion protection required)  
Ptype: Not reported  
Number of compartment: Not reported  
Pipe install date: Not reported  
Pipe leak install date: Not reported  
Submersible sump: N  
Submersible sump install date: Not reported  
Turbine sump: N  
Turbine sump sensor: N  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Not reported  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

**Release:**

Release Tracking Number/Current Status: 3-0017674 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 12/03/1998  
Category: 72 HR  
Status Date: 03/19/2002  
Phase: PHASE II  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/21/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 1/8/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 1/8/1999



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE BUS CO INC (Continued)**

**U002010075**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 12/2/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 12/2/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 12/2/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 12/3/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/3/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 12/7/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 2/3/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 3/19/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 3/19/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE BUS CO INC (Continued)**

**U002010075**

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/9/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of a Modified Plan  
Action Date: 4/9/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 4/9/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 8/16/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: DIESEL  
Quantity: 210 parts per million  
Chemical: GASOLINE  
Quantity: 619 parts per million  
Location Type: COMMERCIAL  
Source: UST

Release Tracking Number/Current Status: 3-0033225 / PSNC  
Primary ID: Not reported  
Official City: REVERE  
Notification: 10/22/2015  
Category: 72 HR  
Status Date: 04/07/2016  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:  
Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/22/2015  
Response Action Outcome: Not reported  
  
Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/22/2015  
Response Action Outcome: Not reported  
  
Action Type: BOL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH SHORE BUS CO INC (Continued)**

**U002010075**

Action Status:	Transmittal, Notice, or Notification Received
Action Date:	10/30/2015
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	11/1/2015
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	11/16/2015
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	NOTSHP
Action Date:	11/25/2015
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	SHPFAC
Action Date:	11/25/2015
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/21/2015
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/21/2015
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	12/21/2015
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	12/21/2015
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	12/23/2015
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	4/11/2016
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	4/7/2016

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NORTH SHORE BUS CO INC (Continued)**

**U002010075**

Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO  
 Action Status: PSNRCD  
 Action Date: 4/7/2016  
 Response Action Outcome: Not reported

Chemicals:  
 Chemical: GASOLINE VOCS  
 Quantity: 137.8 parts per million  
 Location Type: COMMERCIAL  
 Source: UST  
 Source: TANK

MA Financial Assurance 2:  
 Facility Id: 14924  
 Description: Other  
 Work Phone: (617) 289-2590

**AO125**  
**NNE**  
**1/2-1**  
**0.920 mi.**  
**4859 ft.**

**JACK SATTER HOUSE**  
**420 REVERE BEACH BLVD**  
**REVERE, MA**

**RGA HWS S115026621**  
**N/A**

**Site 1 of 3 in cluster AO**

**Relative:**  
**Higher**

RGA HWS:

2012	JACK SATTER HOUSE	420 REVERE BEACH BLVD
2011	JACK SATTER HOUSE	420 REVERE BEACH BLVD
2010	JACK SATTER HOUSE	420 REVERE BEACH BLVD
2009	JACK SATTER HOUSE	420 REVERE BEACH BLVD
2008	JACK SATTER HOUSE	420 REVERE BEACH BLVD
2007	JACK SATTER HOUSE	420 REVERE BEACH BLVD
2006	JACK SATTER HOUSE	420 REVERE BEACH BLVD
2005	JACK SATTER HOUSE	420 REVERE BEACH BLVD

**Actual:**  
**9 ft.**

**AO126**  
**NNE**  
**1/2-1**  
**0.920 mi.**  
**4859 ft.**

**JACK SATTER HOUSE**  
**420 REVERE BEACH BLVD**  
**REVERE, MA 02151**

**SHWS S106863489**  
**INST CONTROL N/A**  
**RELEASE**

**Site 2 of 3 in cluster AO**

**Relative:**  
**Higher**

SHWS:  
 Release Tracking Number/Current Status: 3-0024730 / RAO  
 Release Town: REVERE  
 Notification Date: 03/28/2005  
 Category: 120 DY  
 Associated ID: Not reported  
**Current Status: Response Action Outcome**  
 Status Date: 03/29/2006  
 Phase: Not reported  
 Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

**Actual:**  
**9 ft.**

Oil Or Haz Material: Oil and Hazardous Material

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JACK SATTER HOUSE (Continued)**

**S106863489**

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical:	C9 THRU C10 AROMATIC HYDROCARBONS
Quantity:	950 milligrams per kilogram
Chemical:	C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity:	2760 micrograms per liter
Chemical:	C9 THRU C12 ALIPHATIC HYDROCARBONS
Quantity:	1320 micrograms per liter
Chemical:	NAPHTHALENE
Quantity:	84.4 milligrams per kilogram
Chemical:	C11 THRU C22 AROMATIC HYDROCARBONS
Quantity:	11000 milligrams per kilogram
Chemical:	C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity:	17000 milligrams per kilogram

Actions:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	2/6/2006
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	3/16/2006
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	3/28/2005
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	3/28/2005
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type:	Activity and Use Limitation
Action Status:	Legal Notice Published
Action Date:	3/29/2006
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type:	Activity and Use Limitation
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/29/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JACK SATTER HOUSE (Continued)**

**S106863489**

Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 3/29/2006  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 5/9/2005  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Activity and Use Limitation  
Action Status: Level II - Audit Inspection  
Action Date: 7/24/2012  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 7/24/2012  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 7/30/2012  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Release Tracking Number/Current Status: 3-0030759 / RAO  
Release Town: REVERE  
Notification Date: 04/27/2012  
Category: 120 DY  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 05/06/2013  
Phase: Not reported  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Oil Or Haz Material: Hazardous Material  
Source: UNKNOWN

[Click here to access the MA DEP site for this facility:](#)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JACK SATTER HOUSE (Continued)**

**S106863489**

Chemicals:

Chemical: NICKEL  
Quantity: 35.2 milligrams per kilogram  
Chemical: ARSENIC  
Quantity: 38.3 milligrams per kilogram

Actions:

Action Type: Activity and Use Limitation  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/31/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/31/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 2/13/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 3/19/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: NOTSHP  
Action Date: 3/20/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 3/20/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/27/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JACK SATTER HOUSE (Continued)**

**S106863489**

Action Status:	Reportable Release under MGL 21E
Action Date:	4/27/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/27/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	5/1/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Activity and Use Limitation
Action Status:	Legal Notice Published
Action Date:	5/10/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	5/11/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	5/14/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	5/16/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Fee Received - FMCRA Use Only
Action Date:	5/17/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JACK SATTER HOUSE (Continued)**

**S106863489**

Action Date: 5/2/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 5/22/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 5/6/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 5/6/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 5/6/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 5/9/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 5/9/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 8/10/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 9/18/2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JACK SATTER HOUSE (Continued)**

**S106863489**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

**INST CONTROL:**

Release Tracking Number: 3-0024730  
Action Type: AUL  
Action Stat: LEGNOT  
Action Date: 03/29/2006  
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Release Tracking Number: 3-0024730  
Action Type: AUL  
Action Stat: RECPT  
Action Date: 03/29/2006  
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Release Tracking Number: 3-0024730  
Action Type: AUL  
Action Stat: SNAUDI  
Action Date: 07/24/2012  
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Release Tracking Number: 3-0030759  
Action Type: AUL  
Action Stat: LEGNOT  
Action Date: 05/10/2013  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number: 3-0030759  
Action Type: AUL  
Action Stat: RECPT  
Action Date: 05/06/2013  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number: 3-0030759  
Action Type: AUL  
Action Stat: TSAUD  
Action Date: 01/31/2014  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

**Release:**

Release Tracking Number/Current Status: 3-0024730 / RAO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JACK SATTER HOUSE (Continued)**

**S106863489**

Primary ID: Not reported  
Official City: REVERE  
Notification: 03/28/2005  
Category: 120 DY  
Status Date: 03/29/2006  
Phase: Not reported  
Response Action Outcome: B2 - Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.  
Oil / Haz Material Type: Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 2/6/2006  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 3/16/2006  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/28/2005  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/28/2005  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Activity and Use Limitation  
Action Status: Legal Notice Published  
Action Date: 3/29/2006  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/29/2006  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Response Action Outcome - RAO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JACK SATTER HOUSE (Continued)**

**S106863489**

Action Status: RAO Statement Received  
Action Date: 3/29/2006  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 5/9/2005  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: Activity and Use Limitation  
Action Status: Level II - Audit Inspection  
Action Date: 7/24/2012  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 7/24/2012  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 7/30/2012  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists, but that level is contingent upon one or more AULs that have been implemented.

Chemicals:  
Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
Quantity: 950 milligrams per kilogram  
Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS  
Quantity: 2760 micrograms per liter  
Chemical: C9 THRU C12 ALIPHATIC HYDROCARBONS  
Quantity: 1320 micrograms per liter  
Chemical: NAPHTHALENE  
Quantity: 84.4 milligrams per kilogram  
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS  
Quantity: 11000 milligrams per kilogram  
Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS  
Quantity: 17000 milligrams per kilogram

Release Tracking Number/Current Status: 3-0030759 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 04/27/2012  
Category: 120 DY  
Status Date: 05/06/2013  
Phase: Not reported  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JACK SATTER HOUSE (Continued)**

**S106863489**

Oil / Haz Material Type: has been implemented.  
Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Activity and Use Limitation  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/31/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/31/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 2/13/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 3/19/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: NOTSHP  
Action Date: 3/20/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 3/20/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/27/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JACK SATTER HOUSE (Continued)**

**S106863489**

Action Date: 4/27/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 4/27/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 5/1/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Legal Notice Published  
Action Date: 5/10/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 5/11/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 5/14/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 5/16/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 5/17/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 5/2/2012

MAP FINDINGS

**JACK SATTER HOUSE (Continued)**

**S106863489**

Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	5/22/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	5/6/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Activity and Use Limitation
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	5/6/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	5/6/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	5/9/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	5/9/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	8/10/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	9/18/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**JACK SATTER HOUSE (Continued)**

**S106863489**

reduced to background and an Activity and use Limitation (AUL) has been implemented.

Chemicals:  
 Chemical: NICKEL  
 Quantity: 35.2 milligrams per kilogram  
 Chemical: ARSENIC  
 Quantity: 38.3 milligrams per kilogram  
 Source: UNKNOWN

**AO127 HRCA HOUSING FOR ELDERLY INC RGA HWS S115025421**  
**NNE 420 REVERE BEACH BLVD N/A**

1/2-1 REVERE, MA  
 0.920 mi. Site 3 of 3 in cluster AO  
 4859 ft.

Relative: RGA HWS:  
 Higher 2012 HRCA HOUSING FOR ELDERLY INC 420 REVERE BEACH BLVD

Actual:  
 9 ft.

**AP128 RESIDENCE RGA HWS S115046250**  
**WNW 881 BROADWAY ST. N/A**

1/2-1 REVERE, MA  
 0.926 mi. Site 1 of 12 in cluster AP  
 4888 ft.

Relative: RGA HWS:  
 Higher 1993 RESIDENCE 881 BROADWAY ST.  
 1992 RESIDENCE 881 BROADWAY ST.

Actual:  
 18 ft.

**AP129 RESIDENTIAL PROPERTY RGA HWS S115046401**  
**WNW 881 BROADWAY N/A**

1/2-1 REVERE, MA  
 0.926 mi. Site 2 of 12 in cluster AP  
 4888 ft.

Relative: RGA HWS:  
 Higher 1997 RESIDENTIAL PROPERTY 881 BROADWAY  
 1996 RESIDENTIAL PROPERTY 881 BROADWAY  
 Actual: 1995 RESIDENTIAL PROPERTY 881 BROADWAY  
 18 ft. 1994 RESIDENTIAL PROPERTY 881 BROADWAY

**AP130 FORMER AMOCO STATION RGA HWS S115021652**  
**WNW 870 BROADWAY ST. N/A**

1/2-1 REVERE, MA  
 0.933 mi. Site 3 of 12 in cluster AP  
 4924 ft.

Relative: RGA HWS:  
 Higher 1993 FORMER AMOCO STATION 870 BROADWAY ST.  
 1992 FORMER AMOCO STATION 870 BROADWAY ST.  
 Actual: 1991 FORMER AMOCO STATION 870 BROADWAY ST.  
 19 ft.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AP131  
WNW  
1/2-1  
0.933 mi.  
4924 ft.

**P & S REALTY TRUST**  
**870 BROADWAY**  
**REVERE, MA 02151**  
  
**Site 4 of 12 in cluster AP**

**SHWS** S105199623  
**RELEASE** N/A  
**ENF**

**Relative:**  
**Higher**

SHWS:  
Release Tracking Number/Current Status: 3-0003318 / TMPS  
Release Town: REVERE  
Notification Date: 05/04/1990  
Category: NONE  
Associated ID: 3-0003318  
**Current Status: TMPS**  
Status Date: 02/04/2016  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Not reported  
Location Type: GASSTATION  
Location Type: FORMER  
Source: UNKNOWN

**Actual:**  
**19 ft.**

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: UNKNOWN  
Quantity: Not reported

Actions:

Action Type: Tier Classification  
Action Status: Tier 2 Transfer  
Action Date: 1/13/2010  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: ACOP  
Action Date: 1/3/2013  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 1/6/2014  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 1/7/2013  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: ACO  
Action Date: 1/8/2009  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: TCEXT  
Action Date: 10/2/2015  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P & S REALTY TRUST (Continued)**

**S105199623**

Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	12/13/2013
Response Action Outcome:	Not reported
Action Type:	Phase 3
Action Status:	Completion Statement Received
Action Date:	12/13/2013
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	12/29/2003
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	12/6/2013
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	2/1/2006
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Amendment Received or Issued
Action Date:	2/19/2015
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	TSFRCD
Action Date:	2/4/2016
Response Action Outcome:	Not reported
Action Type:	Phase 4
Action Status:	Completion Statement Received
Action Date:	2/4/2016
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	3/21/2006
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	3/21/2006
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	3/30/2011
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P & S REALTY TRUST (Continued)**

**S105199623**

Action Date:	3/31/2006
Response Action Outcome:	Not reported
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	3/7/2014
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Enforcement Conference
Action Date:	3/8/2007
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Amendment Received or Issued
Action Date:	4/11/2014
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Amendment Received or Issued
Action Date:	4/7/2008
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Enforcement Conference
Action Date:	5/13/2011
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	5/15/2006
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	5/15/2006
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	5/4/1990
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	5/4/1990
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	6/15/2006
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	6/15/2006
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P & S REALTY TRUST (Continued)**

**S105199623**

Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/15/2006
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	6/26/1998
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Amendment Received or Issued
Action Date:	6/26/2013
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	7/2/2014
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	7/24/2007
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	7/24/2007
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	7/26/2006
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	7/29/2009
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	8/1/2006
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	8/11/2016
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	8/17/2006
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	ACOP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P & S REALTY TRUST (Continued)**

**S105199623**

Action Date: 9/13/2007  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: NORA  
Action Date: 9/24/1991  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: Penalty Assessment Notice Issued  
Action Date: 9/24/2012  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: Unilateral Order Issued  
Action Date: 9/24/2012  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 9/25/2012  
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0003318 / TMPS  
Primary ID: 3-0003318  
Official City: REVERE  
Notification: 05/04/1990  
Category: NONE  
Status Date: 02/04/2016  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Not reported

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Tier Classification  
Action Status: Tier 2 Transfer  
Action Date: 1/13/2010  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: ACOP  
Action Date: 1/3/2013  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 1/6/2014  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 1/7/2013

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P & S REALTY TRUST (Continued)**

**S105199623**

Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	ACO
Action Date:	1/8/2009
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	TCEXT
Action Date:	10/2/2015
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	12/13/2013
Response Action Outcome:	Not reported
Action Type:	Phase 3
Action Status:	Completion Statement Received
Action Date:	12/13/2013
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	12/29/2003
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	12/6/2013
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	2/1/2006
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Amendment Received or Issued
Action Date:	2/19/2015
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	TSFRCD
Action Date:	2/4/2016
Response Action Outcome:	Not reported
Action Type:	Phase 4
Action Status:	Completion Statement Received
Action Date:	2/4/2016
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	3/21/2006
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P & S REALTY TRUST (Continued)**

**S105199623**

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	3/21/2006
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	3/30/2011
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	3/31/2006
Response Action Outcome:	Not reported
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	3/7/2014
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Enforcement Conference
Action Date:	3/8/2007
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Amendment Received or Issued
Action Date:	4/11/2014
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Amendment Received or Issued
Action Date:	4/7/2008
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Enforcement Conference
Action Date:	5/13/2011
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	5/15/2006
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	5/15/2006
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	5/4/1990
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Valid Transition Site

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P & S REALTY TRUST (Continued)**

**S105199623**

Action Date:	5/4/1990
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	6/15/2006
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	6/15/2006
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/15/2006
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	6/26/1998
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Amendment Received or Issued
Action Date:	6/26/2013
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	7/2/2014
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	7/24/2007
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	7/24/2007
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	7/26/2006
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	7/29/2009
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	8/1/2006
Response Action Outcome:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P & S REALTY TRUST (Continued)**

**S105199623**

Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	8/11/2016
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	8/17/2006
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	ACOP
Action Date:	9/13/2007
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	NORA
Action Date:	9/24/1991
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Penalty Assessment Notice Issued
Action Date:	9/24/2012
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Unilateral Order Issued
Action Date:	9/24/2012
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	9/25/2012
Response Action Outcome:	Not reported

Chemicals:  
Chemical: UNKNOWN  
Quantity: Not reported  
Location Type: GASSTATION  
Location Type: FORMER  
Source: UNKNOWN

ENFORCEMENT:  
Region: NERO  
DEP Region: NERO  
DEP Program: 3R  
DEP Bureau: BWSC  
Program: BWSC  
Program Id: 3-0003318  
High Or Low Level Enforcement: HLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Revere  
Date Executed: 09/24/2012  
ENF #: UAO-NE-12-3R001  
Document Type: UAO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P & S REALTY TRUST (Continued)**

**S105199623**

AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Y  
Regional Comment: Not reported  
Final Payment Due Date: Not reported  
ACOP \$: Not reported  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: T

Region: NERO  
DEP Region: NERO  
DEP Program: 3R  
DEP Bureau: BWSC  
Program: BWSC  
Program Id: 3-0003318  
High Or Low Level Enforcement: HLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Revere  
Date Executed: 09/24/2012  
ENF #: PAN-NE-12-3R001  
Document Type: PAN  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Y  
Regional Comment: Not reported  
Final Payment Due Date: 10/15/2012  
ACOP \$: Not reported  
PAN \$: 46720  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: T

Region: NERO  
DEP Region: NERO  
DEP Program: 3R  
DEP Bureau: BWSC  
Program: Not reported  
Program Id: 3-0003318  
High Or Low Level Enforcement: HLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 04/07/2008  
ENF #: ACOP-NE-07-3R001A  
Document Type: ACOP  
AG Ref (Y/N): Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P & S REALTY TRUST (Continued)**

**S105199623**

Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Not reported  
Regional Comment: Not reported  
Final Payment Due Date: 07/15/2008  
ACOP \$: 2000  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: Individually Owned

**AP132**  
**WNW**  
**1/2-1**  
**0.933 mi.**  
**4924 ft.**

**NO LOCATION AID**  
**870 BROADWAY**  
**REVERE, MA 02151**

**SHWS** **S118947434**  
**RELEASE** **N/A**

**Site 5 of 12 in cluster AP**

**Relative:**  
**Higher**

SHWS:  
Release Tracking Number/Current Status: 3-0033736 / UNCLSS  
Release Town: REVERE  
Actual: Notification Date: 08/08/2016  
19 ft. Category: 72 HR  
Associated ID: Not reported  
**Current Status:** **Unclassified**  
Status Date: 08/08/2016  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil  
Location Type: RESIDENTIAL  
Location Type: COMMERCIAL  
Source: UNKNOWN  
Source: RTN 3-3318

Click here to access the MA DEP site for this facility:

**Chemicals:**

Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS  
Quantity: 120 UG/M3  
Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS  
Quantity: 93 UG/M3

**Actions:**

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 10/7/2016  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 8/19/2016  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S118947434**

Action Date: 8/19/2016  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/8/2016  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 8/8/2016  
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0033736 / UNCLSS  
Primary ID: Not reported  
Official City: REVERE  
Notification: 08/08/2016  
Category: 72 HR  
Status Date: 08/08/2016  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 10/7/2016  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 8/19/2016  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/19/2016  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/8/2016  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 8/8/2016  
Response Action Outcome: Not reported

Chemicals:

Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS  
Quantity: 120 UG/M3

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NO LOCATION AID (Continued)**

**S118947434**

Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS  
 Quantity: 93 UG/M3  
 Location Type: RESIDENTIAL  
 Location Type: COMMERCIAL  
 Source: UNKNOWN  
 Source: RTN 3-3318

**AP133  
 WNW  
 1/2-1  
 0.933 mi.  
 4924 ft.**

**AMOCO STATION (FMR)  
 870 BROADWAY  
 REVERE, MA  
 Site 6 of 12 in cluster AP**

**RGA HWS S115011632  
 N/A**

**Relative:  
 Higher**

RGA HWS:

2001	AMOCO STATION (FMR)	870 BROADWAY
2000	AMOCO STATION (FMR)	870 BROADWAY
1999	AMOCO STATION (FMR)	870 BROADWAY
1998	AMOCO STATION (FMR)	870 BROADWAY
1997	AMOCO STATION (FMR)	870 BROADWAY
1996	AMOCO STATION (FMR)	870 BROADWAY
1995	AMOCO STATION (FMR)	870 BROADWAY
1994	AMOCO STATION (FMR)	870 BROADWAY

**Actual:  
 19 ft.**

**AP134  
 WNW  
 1/2-1  
 0.933 mi.  
 4924 ft.**

**AMOCO STATION FMR  
 870 BROADWAY  
 REVERE, MA  
 Site 7 of 12 in cluster AP**

**RGA HWS S115011644  
 N/A**

**Relative:  
 Higher**

RGA HWS:

2012	AMOCO STATION FMR	870 BROADWAY
2011	AMOCO STATION FMR	870 BROADWAY
2010	AMOCO STATION FMR	870 BROADWAY
2009	AMOCO STATION FMR	870 BROADWAY
2008	AMOCO STATION FMR	870 BROADWAY
2007	AMOCO STATION FMR	870 BROADWAY
2006	AMOCO STATION FMR	870 BROADWAY
2005	AMOCO STATION FMR	870 BROADWAY
2004	AMOCO STATION FMR	870 BROADWAY
2003	AMOCO STATION FMR	870 BROADWAY
2002	AMOCO STATION FMR	870 BROADWAY

**Actual:  
 19 ft.**

**AP135  
 WNW  
 1/2-1  
 0.939 mi.  
 4960 ft.**

**NO LOCATION AID  
 880 BROADWAY  
 REVERE, MA  
 Site 8 of 12 in cluster AP**

**RGA HWS S115038166  
 N/A**

**Relative:  
 Higher**

RGA HWS:

2012	NO LOCATION AID	880 BROADWAY
2011	NO LOCATION AID	880 BROADWAY
2010	NO LOCATION AID	880 BROADWAY
2009	NO LOCATION AID	880 BROADWAY
2008	NO LOCATION AID	880 BROADWAY
2007	NO LOCATION AID	880 BROADWAY

**Actual:  
 18 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NO LOCATION AID (Continued)

S115038166

2006 NO LOCATION AID 880 BROADWAY  
2005 NO LOCATION AID 880 BROADWAY  
2004 NO LOCATION AID 880 BROADWAY  
2003 NO LOCATION AID 880 BROADWAY  
2002 NO LOCATION AID 880 BROADWAY

AP136  
WNW  
1/2-1  
0.939 mi.  
4960 ft.

NO LOCATION AID  
880 BROADWAY  
REVERE, MA 02151

SHWS S104562645  
RELEASE N/A

Site 9 of 12 in cluster AP

Relative:  
Higher

SHWS:

Release Tracking Number/Current Status: 3-0019628 / DPS  
Release Town: REVERE  
Notification Date: 06/21/2000  
Category: 72 HR  
Associated ID: Not reported  
**Current Status: Downgradient Property Status**  
Status Date: 10/04/2000  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil and Hazardous Material

Actual:  
18 ft.

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
Quantity: 610 milligrams per kilogram  
Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
Quantity: 13000 micrograms per liter  
Chemical: C9 THRU C12 ALIPHATIC HYDROCARBONS  
Quantity: 34000 micrograms per liter  
Chemical: NAPHTHALENE  
Quantity: 15 milligrams per kilogram  
Chemical: VINYL CHLORIDE  
Quantity: 1700 micrograms per liter  
Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS  
Quantity: 12000 micrograms per liter

Actions:

Action Type: Downgradient Property Status  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/4/2000  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/9/2003  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/21/2000  
Response Action Outcome: Not reported

Action Type: Release Disposition

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104562645**

Action Status: Reportable Release under MGL 21E  
Action Date: 6/21/2000  
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0019628 / DPS  
Primary ID: Not reported  
Official City: REVERE  
Notification: 06/21/2000  
Category: 72 HR  
Status Date: 10/04/2000  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Downgradient Property Status  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/4/2000  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/9/2003  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/21/2000  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/21/2000  
Response Action Outcome: Not reported

Chemicals:

Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
Quantity: 610 milligrams per kilogram  
Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
Quantity: 13000 micrograms per liter  
Chemical: C9 THRU C12 ALIPHATIC HYDROCARBONS  
Quantity: 34000 micrograms per liter  
Chemical: NAPHTHALENE  
Quantity: 15 milligrams per kilogram  
Chemical: VINYL CHLORIDE  
Quantity: 1700 micrograms per liter  
Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS  
Quantity: 12000 micrograms per liter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AP137 NO LOCATION AID  
WNW 876 BROADWAY  
1/2-1 REVERE, MA 02151  
0.944 mi.  
4982 ft. Site 10 of 12 in cluster AP

SHWS S103383762  
LUST N/A  
RELEASE  
DRYCLEANERS  
ENF  
HW GEN

Relative:  
Higher

SHWS:

Actual:  
19 ft.

Release Tracking Number/Current Status: 3-0017112 / TIERII  
Release Town: REVERE  
Notification Date: 08/03/1998  
Category: 72 HR  
Associated ID: Not reported  
**Current Status:** Tier II, A site/release receiving a total NRS score of less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (see above). Permits are not required at Tier 2 sites/releases and response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites.  
Status Date: 07/27/2007  
Phase: PHASE II  
Response Action Outcome: -  
Oil Or Haz Material: Oil and Hazardous Material  
Location Type: RESIDENTIAL  
Source: UNKNOWN

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: BENZENE, ETHYL-  
Quantity: 16 milligrams per liter  
Chemical: BENZENE, METHYL-  
Quantity: 70 milligrams per liter  
Chemical: C9 THRU C12 ALIPHATIC HYDROCARBONS  
Quantity: 570 milligrams per liter  
Chemical: NAPHTHALENE  
Quantity: 3.9 milligrams per liter  
Chemical: PHENANTHRENE  
Quantity: .82 milligrams per liter  
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS  
Quantity: 80 milligrams per liter  
Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
Quantity: 370 milligrams per liter  
Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS  
Quantity: 13 milligrams per liter  
Chemical: BENZENE  
Quantity: 23 milligrams per liter  
Chemical: BENZENE, DIMETHYL  
Quantity: 18.2 milligrams per liter  
Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS  
Quantity: 550 milligrams per liter  
Chemical: BENZENE  
Quantity: 19 milligrams per liter  
Chemical: VOCS  
Quantity: 1000 parts per million  
Chemical: BENZENE, 1,2,4-TRIMETHYL-  
Quantity: 4 milligrams per liter  
Chemical: PROPANE, 2-METHOXY-2-METHYL-



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Quantity: 3.1 milligrams per liter  
Chemical: TOLUENE  
Quantity: 110 milligrams per liter  
Chemical: BENZENE, DIMETHYL  
Quantity: 77 milligrams per liter  
Chemical: BENZENE, ETHYL-  
Quantity: 3.4 milligrams per liter  
Chemical: NAPHTHALENE  
Quantity: 5.6 milligrams per liter

**Actions:**

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 1/18/2006  
Response Action Outcome: Not reported

Action Type: FTLI  
Action Status: APPREC  
Action Date: 1/25/2010  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/8/2007  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/14/1998  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 10/15/2002  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 10/22/2008  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 11/13/2008  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/9/2003  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 2/15/2006  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FLDDO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Date:	3/1/2006
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	3/16/2006
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	3/9/2010
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	6/16/2015
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	NORA
Action Date:	6/27/2005
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FLDDO
Action Date:	7/14/2005
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	7/21/2015
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/27/2007
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	7/27/2007
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	7/27/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	7/7/2006
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/1/2014
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Type: FTLI  
Action Status: APPREC  
Action Date: 8/2/2013  
Response Action Outcome: Not reported

Action Type: FTLI  
Action Status: APPACC  
Action Date: 8/22/2013  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 8/3/1998  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/3/1998  
Response Action Outcome: Not reported

Action Type: FTLI  
Action Status: APPREC  
Action Date: 8/3/2011  
Response Action Outcome: Not reported

Action Type: FTLI  
Action Status: APPREC  
Action Date: 8/6/2012  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/9/2007  
Response Action Outcome: Not reported

Action Type: FTLI  
Action Status: APPACC  
Action Date: 9/19/2012  
Response Action Outcome: Not reported

Action Type: FTLI  
Action Status: APPACC  
Action Date: 9/26/2011  
Response Action Outcome: Not reported

Action Type: FTLI  
Action Status: APPACC  
Action Date: 9/3/2014  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 9/9/1998  
Response Action Outcome: Not reported

Release Tracking Number/Current Status: 3-0025152 / RAONR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Release Town: REVERE  
Notification Date: 08/18/2005  
Category: 72 HR  
Associated ID: 3-0003318  
**Current Status: Response Action Outcome Not Required**  
Status Date: 07/02/2014  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil  
Location Type: COMMERCIAL  
Source: USTOTHER  
Source: TANK  
Source: UNKNOWN  
Source: UST

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Chemicals:  
Chemical: GASOLINE  
Quantity: .5 inches  
Chemical: OIL  
Quantity: Not reported

Actions:  
Action Type: Tier Classification  
Action Status: Tier 2 Transfer  
Action Date: 1/13/2010  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/17/2013  
Response Action Outcome: Not reported

Action Type: FTLI  
Action Status: APPREC  
Action Date: 1/25/2010  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: ACOP  
Action Date: 1/3/2013  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 1/6/2014  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/6/2014  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Extension

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Date:	1/7/2013
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	1/7/2013
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/2/2009
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	TCEXT
Action Date:	10/2/2015
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	10/5/2005
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	12/16/2005
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	12/16/2005
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	3/9/2010
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Amendment Received or Issued
Action Date:	4/11/2014
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Enforcement Conference
Action Date:	5/13/2011
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	5/15/2006
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	5/15/2006
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 5/29/2009  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 5/31/2006  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 5/9/2013  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 6/10/2009  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 6/13/2006  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 6/15/2006  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 6/15/2006  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 6/16/2006  
Response Action Outcome: Not reported

Action Type: FTLI  
Action Status: APPREC  
Action Date: 6/16/2015  
Response Action Outcome: Not reported

Action Type: FTLI  
Action Status: APPACC  
Action Date: 6/16/2015  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 6/2/2009  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: Amendment Received or Issued

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Date:	6/26/2013
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	7/10/2006
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	NORA
Action Date:	7/13/2011
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	7/13/2011
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	7/14/2014
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	7/2/2014
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	7/2/2014
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	7/2/2014
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	7/21/2015
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	7/24/2007
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	7/24/2007
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	7/26/2006
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/8/2013
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received
Action Date:	7/8/2013
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/1/2014
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	NOIM
Action Date:	8/10/2011
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	8/17/2006
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	8/17/2006
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	8/18/2005
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/18/2005
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/2/2013
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Approval of Plan
Action Date:	8/21/2006
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	8/22/2013
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Date:	8/3/2011
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/6/2012
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	8/7/2006
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	8/7/2006
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	9/19/2012
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	9/20/2005
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	9/26/2011
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	9/29/2009
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	9/3/2014
Response Action Outcome:	Not reported

LUST:

Facility:

Release Tracking Number/Current Status:	3-0025152 / RAONR
Status Date:	07/02/2014
Source Type:	USTOTHER
Release Town:	REVERE
Notification Date:	08/18/2005
Category:	72 HR
Associated ID:	3-0003318
Phase:	Not reported
Response Action Outcome:	-
Oil Or Haz Material:	Oil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Location Type: COMMERCIAL  
Source: USTOTHER  
Source: TANK  
Source: UNKNOWN  
Source: UST

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**Chemicals:**

Chemical: GASOLINE  
Quantity: .5 inches  
Chemical: OIL  
Quantity: Not reported

**Actions:**

Action Type: Tier Classification  
Action Status: Tier 2 Transfer  
Action Date: 1/13/2010  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/17/2013  
Response Action Outcome: Not reported

Action Type: FTLI  
Action Status: APPREC  
Action Date: 1/25/2010  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: ACOP  
Action Date: 1/3/2013  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 1/6/2014  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/6/2014  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 1/7/2013  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 1/7/2013  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/2/2009
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	TCEXT
Action Date:	10/2/2015
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	10/5/2005
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	12/16/2005
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	12/16/2005
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	3/9/2010
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Amendment Received or Issued
Action Date:	4/11/2014
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Enforcement Conference
Action Date:	5/13/2011
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	5/15/2006
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	5/15/2006
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	5/29/2009
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Date:	5/31/2006
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	5/9/2013
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	6/10/2009
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	6/13/2006
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	6/15/2006
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/15/2006
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	6/16/2006
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	6/16/2015
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	6/16/2015
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	6/2/2009
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Amendment Received or Issued
Action Date:	6/26/2013
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	7/10/2006
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Type:	Compliance and Enforcement Action
Action Status:	NORA
Action Date:	7/13/2011
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	7/13/2011
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	7/14/2014
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	7/2/2014
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	7/2/2014
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	7/2/2014
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	7/21/2015
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	7/24/2007
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	7/24/2007
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	7/26/2006
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/8/2013
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Date:	7/8/2013
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/1/2014
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	NOIM
Action Date:	8/10/2011
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	8/17/2006
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	8/17/2006
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	8/18/2005
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/18/2005
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/2/2013
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Approval of Plan
Action Date:	8/21/2006
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	8/22/2013
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/3/2011
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/6/2012
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 8/7/2006  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 8/7/2006  
Response Action Outcome: Not reported

Action Type: FTLI  
Action Status: APPACC  
Action Date: 9/19/2012  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 9/20/2005  
Response Action Outcome: Not reported

Action Type: FTLI  
Action Status: APPACC  
Action Date: 9/26/2011  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 9/29/2009  
Response Action Outcome: Not reported

Action Type: FTLI  
Action Status: APPACC  
Action Date: 9/3/2014  
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0017112 / TIERII  
Primary ID: Not reported  
Official City: REVERE  
Notification: 08/03/1998  
Category: 72 HR  
Status Date: 07/27/2007  
Phase: PHASE II  
Response Action Outcome: -  
Oil / Haz Material Type: Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 1/18/2006  
Response Action Outcome: Not reported

Action Type: FTLI

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Status:	APPREC
Action Date:	1/25/2010
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	1/8/2007
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	10/14/1998
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/15/2002
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	10/22/2008
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/13/2008
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	12/9/2003
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	2/15/2006
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FLDDO
Action Date:	3/1/2006
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	3/16/2006
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	3/9/2010
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	6/16/2015



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	NORA
Action Date:	6/27/2005
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FLDDO
Action Date:	7/14/2005
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	7/21/2015
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/27/2007
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	7/27/2007
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	7/27/2007
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	7/7/2006
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/1/2014
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/2/2013
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	8/22/2013
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	IRA Assessment Only
Action Date:	8/3/1998
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/3/1998
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/3/2011
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/6/2012
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	8/9/2007
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	9/19/2012
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	9/26/2011
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	9/3/2014
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	9/9/1998
Response Action Outcome:	Not reported

**Chemicals:**

Chemical:	BENZENE, ETHYL-
Quantity:	16 milligrams per liter
Chemical:	BENZENE, METHYL-
Quantity:	70 milligrams per liter
Chemical:	C9 THRU C12 ALIPHATIC HYDROCARBONS
Quantity:	570 milligrams per liter
Chemical:	NAPHTHALENE
Quantity:	3.9 milligrams per liter
Chemical:	PHENANTHRENE
Quantity:	.82 milligrams per liter
Chemical:	C11 THRU C22 AROMATIC HYDROCARBONS
Quantity:	80 milligrams per liter
Chemical:	C9 THRU C10 AROMATIC HYDROCARBONS
Quantity:	370 milligrams per liter
Chemical:	C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity:	13 milligrams per liter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Chemical: BENZENE  
Quantity: 23 milligrams per liter  
Chemical: BENZENE, DIMETHYL  
Quantity: 18.2 milligrams per liter  
Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS  
Quantity: 550 milligrams per liter  
Chemical: BENZENE  
Quantity: 19 milligrams per liter  
Chemical: VOCS  
Quantity: 1000 parts per million  
Chemical: BENZENE, 1,2,4-TRIMETHYL-  
Quantity: 4 milligrams per liter  
Chemical: PROPANE, 2-METHOXY-2-METHYL-  
Quantity: 3.1 milligrams per liter  
Chemical: TOLUENE  
Quantity: 110 milligrams per liter  
Chemical: BENZENE, DIMETHYL  
Quantity: 77 milligrams per liter  
Chemical: BENZENE, ETHYL-  
Quantity: 3.4 milligrams per liter  
Chemical: NAPHTHALENE  
Quantity: 5.6 milligrams per liter  
Location Type: RESIDENTIAL  
Source: UNKNOWN

Release Tracking Number/Current Status: 3-0025152 / RAONR  
Primary ID: 3-0003318  
Official City: REVERE  
Notification: 08/18/2005  
Category: 72 HR  
Status Date: 07/02/2014  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

**Actions:**

Action Type: Tier Classification  
Action Status: Tier 2 Transfer  
Action Date: 1/13/2010  
Response Action Outcome: Not reported

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/17/2013  
Response Action Outcome: Not reported

Action Type: FTLI  
Action Status: APPREC  
Action Date: 1/25/2010  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: ACOP  
Action Date: 1/3/2013  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	1/6/2014
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	1/6/2014
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	1/7/2013
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	1/7/2013
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/2/2009
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	TCEXT
Action Date:	10/2/2015
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	10/5/2005
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	12/16/2005
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	12/16/2005
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	3/9/2010
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Amendment Received or Issued
Action Date:	4/11/2014
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Enforcement Conference

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Date:	5/13/2011
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	5/15/2006
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	5/15/2006
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	5/29/2009
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	5/31/2006
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	5/9/2013
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	6/10/2009
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	6/13/2006
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	6/15/2006
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/15/2006
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	6/16/2006
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	6/16/2015
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Type:	FTLI
Action Status:	APPACC
Action Date:	6/16/2015
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	6/2/2009
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Amendment Received or Issued
Action Date:	6/26/2013
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	7/10/2006
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	NORA
Action Date:	7/13/2011
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	7/13/2011
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	7/14/2014
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	7/2/2014
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	7/2/2014
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	7/2/2014
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	7/21/2015
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Date:	7/24/2007
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	7/24/2007
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	7/26/2006
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/8/2013
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received
Action Date:	7/8/2013
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/1/2014
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	NOIM
Action Date:	8/10/2011
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	8/17/2006
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	8/17/2006
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	8/18/2005
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/18/2005
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/2/2013
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Action Type:	Immediate Response Action
Action Status:	Written Approval of Plan
Action Date:	8/21/2006
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	8/22/2013
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/3/2011
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPREC
Action Date:	8/6/2012
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Modified Revised or Updated Plan Received
Action Date:	8/7/2006
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	8/7/2006
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	9/19/2012
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	9/20/2005
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	9/26/2011
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	9/29/2009
Response Action Outcome:	Not reported
Action Type:	FTLI
Action Status:	APPACC
Action Date:	9/3/2014
Response Action Outcome:	Not reported

Chemicals:  
Chemical: GASOLINE



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Quantity: .5 inches  
Chemical: OIL  
Quantity: Not reported  
Location Type: COMMERCIAL  
Source: USTOTHER  
Source: TANK  
Source: UNKNOWN  
Source: UST

**DRYCLEANERS:**

Facility ID: 30082  
Classification Type: Active use of Perc  
Reg Obj Contact: Not reported  
Reg Obj Mail Address: Not reported  
Mail Town Name: Not reported  
Mail Zip Code: Not reported  
DEP Region Code: NE  
Mailing State: Not reported  
Reg Obj Phone: Not reported

**ENFORCEMENT:**

Region: NERO  
DEP Region: NERO  
DEP Program: 3R  
DEP Bureau: BWSC  
Program: BWSC  
Program Id: 3-0025152  
High Or Low Level Enforcement: HLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 07/13/2011  
ENF #: Not reported  
Document Type: NORA  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Y  
Regional Comment: Not reported  
Final Payment Due Date: Not reported  
ACOP \$: Not reported  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: Commercially Owned

Region: NERO  
DEP Region: NERO  
DEP Program: 3R  
DEP Bureau: BWSC  
Program: Not reported  
Program Id: 3-0025152  
High Or Low Level Enforcement: LLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 07/13/2011  
ENF #: Not reported  
Document Type: IDL  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Y  
Regional Comment: Not reported  
Final Payment Due Date: Not reported  
ACOP \$: Not reported  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: Commercially Owned

Region: NERO  
DEP Region: NERO  
DEP Program: 3R  
DEP Bureau: BWSC  
Program: BWSC  
Program Id: 3-0025152  
High Or Low Level Enforcement: HLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 08/10/2011  
ENF #: Not reported  
Document Type: NOIM  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Y  
Regional Comment: Not reported  
Final Payment Due Date: Not reported  
ACOP \$: Not reported  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: Commercially Owned

Region: NERO  
DEP Region: NERO  
DEP Program: 3P  
DEP Bureau: BWSC  
Program: Not reported  
Program Id: 3-0017112  
High Or Low Level Enforcement: LLE  
FMF #: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NO LOCATION AID (Continued)**

**S103383762**

Comptroller Billing Name: Not reported  
 Town Where Violation Occurred: Not reported  
 Date Executed: 10/22/2008  
 ENF #: NON-NE-08-3P006  
 Document Type: NON  
 AG Ref (Y/N): Not reported  
 Doc Archived (Y/N): Not reported  
 EJ Community (Y/N): Not reported  
 Regional Comment: Not reported  
 Final Payment Due Date: Not reported  
 ACOP \$: Not reported  
 PAN \$: Not reported  
 EMS (Y/N): Not reported  
 EMS\$: Not reported  
 SEP (Y/N): Not reported  
 SEP \$: Not reported  
 Demand \$: Not reported  
 Suspended \$: Not reported  
 Ownership: Commercially Owned

HW GEN:  
 EPA Id: MAD059729012  
 RCRA Generator Status: VSQG  
 State Generator Status: Not reported

**AP138 WONDERLAND DRY CLEANER**  
**WNW 876 BROADWAY**  
**1/2-1 REVERE, MA**  
**0.944 mi.**  
**4982 ft. Site 11 of 12 in cluster AP**

**RGA HWS S115054972**  
**N/A**

Relative: RGA HWS:  
 Higher 2012 WONDERLAND DRY CLEANER 876 BROADWAY  
 2011 WONDERLAND DRY CLEANER 876 BROADWAY  
 Actual: 2010 WONDERLAND DRY CLEANER 876 BROADWAY  
 19 ft. 2009 WONDERLAND DRY CLEANER 876 BROADWAY  
 2008 WONDERLAND DRY CLEANER 876 BROADWAY  
 2007 WONDERLAND DRY CLEANER 876 BROADWAY  
 2006 WONDERLAND DRY CLEANER 876 BROADWAY  
 2005 WONDERLAND DRY CLEANER 876 BROADWAY

**AP139 NO LOCATION AID**  
**WNW 876 BROADWAY**  
**1/2-1 REVERE, MA**  
**0.944 mi.**  
**4982 ft. Site 12 of 12 in cluster AP**

**RGA HWS S115038146**  
**N/A**

Relative: RGA HWS:  
 Higher 2012 NO LOCATION AID 876 BROADWAY  
 2011 NO LOCATION AID 876 BROADWAY  
 Actual: 2010 NO LOCATION AID 876 BROADWAY  
 19 ft. 2009 NO LOCATION AID 876 BROADWAY  
 2008 NO LOCATION AID 876 BROADWAY  
 2007 NO LOCATION AID 876 BROADWAY  
 2006 NO LOCATION AID 876 BROADWAY  
 2005 NO LOCATION AID 876 BROADWAY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NO LOCATION AID (Continued)

S115038146

2004 NO LOCATION AID 876 BROADWAY  
2003 NO LOCATION AID 876 BROADWAY  
2002 NO LOCATION AID 876 BROADWAY

AQ140  
NW  
1/2-1  
0.952 mi.  
5024 ft.

NO LOCATION AID  
BROWN CIR ROTARY @ RTE 107  
REVERE, MA 02151

SHWS S108117495  
RELEASE N/A

Site 1 of 2 in cluster AQ

Relative:  
Higher

SHWS:

Actual:  
12 ft.

Release Tracking Number/Current Status: 3-0026061 / RAO  
Release Town: REVERE  
Notification Date: 07/17/2006  
Category: TWO HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 09/15/2006  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Oil  
Location Type: ROADWAY  
Source: TANKER

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: GASOLINE  
Quantity: 5000 gallons

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 7/17/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 7/17/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/17/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/28/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S108117495**

Action Status: RAO Statement Received  
Action Date: 9/15/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0026061 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 07/17/2006  
Category: TWO HR  
Status Date: 09/15/2006  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 7/17/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 7/17/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/17/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/28/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 9/15/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical: GASOLINE  
Quantity: 5000 gallons  
Location Type: ROADWAY  
Source: TANKER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AQ141  
NW  
1/2-1  
0.952 mi.  
5024 ft.

**BROADWAY  
BROWN CIR AT SQUIRE RD  
REVERE, MA 02151**

**SHWS S104179786  
RELEASE N/A**

**Site 2 of 2 in cluster AQ**

**Relative:  
Higher**

SHWS:

**Actual:  
12 ft.**

Release Tracking Number/Current Status: 3-0018517 / RAO  
Release Town: REVERE  
Notification Date: 07/13/1999  
Category: TWO HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 11/09/2004  
Phase: PHASE II  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
  
Oil Or Haz Material: Oil  
Location Type: COMMERCIAL  
Location Type: INDUSTRIAL  
Source: TANKER

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: GASOLINE  
Quantity: 1800 gallons  
Chemical: GASOLINE  
Quantity: 2300 gallons

Actions:

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 10/29/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 11/14/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 11/9/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 11/9/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 11/9/2004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROADWAY (Continued)**

**S104179786**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action

Action Status: Interim Deadline Letter Issued

Action Date: 12/23/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 12/3/2001

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

Action Status: FOLOFF

Action Date: 12/9/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure

Action Status: Status or Interim Report Received

Action Date: 6/2/2004

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

Action Status: FLDD1A

Action Date: 7/13/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Action Status: FLDISS

Action Date: 7/13/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 7/13/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

Action Status: FLDRAN

Action Date: 7/13/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Action Status: Oral Approval of Plan or Action

Action Date: 7/13/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROADWAY (Continued)**

**S104179786**

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 7/14/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Notice of Delay in Meeting RA Deadline Received  
Action Date: 7/14/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3  
Action Status: Notice of Delay in Meeting RA Deadline Received  
Action Date: 7/14/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 7/19/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 7/20/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/21/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 7/21/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 7/21/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 7/22/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/10/1999



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROADWAY (Continued)**

**S104179786**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/12/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/16/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 8/27/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/5/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Approval of Plan  
Action Date: 9/10/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 9/10/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/17/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Notice of Non-Compliance Issued  
Action Date: 9/8/2004

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0018517 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 07/13/1999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROADWAY (Continued)**

**S104179786**

Category: TWO HR  
Status Date: 11/09/2004  
Phase: PHASE II  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 10/29/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 11/14/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 11/9/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 11/9/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 11/9/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 12/23/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/3/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/9/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROADWAY (Continued)**

**S104179786**

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 6/2/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 7/13/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 7/13/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/13/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 7/13/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 7/13/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 7/14/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Notice of Delay in Meeting RA Deadline Received  
Action Date: 7/14/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3  
Action Status: Notice of Delay in Meeting RA Deadline Received  
Action Date: 7/14/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 7/19/1999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BROADWAY (Continued)**

**S104179786**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 7/20/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/21/2000

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 7/21/2000

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 7/21/2000

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 7/22/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/10/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/12/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/16/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 8/27/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BROADWAY (Continued)**

**S104179786**

Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	8/5/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Written Approval of Plan
Action Date:	9/10/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	9/10/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	9/17/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	9/8/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical:	GASOLINE
Quantity:	1800 gallons
Chemical:	GASOLINE
Quantity:	2300 gallons
Location Type:	COMMERCIAL
Location Type:	INDUSTRIAL
Source:	TANKER

**AR142**    **MASTER AUTO INC**  
**NW**        **1027 BROADWAY**  
**1/2-1**      **REVERE, MA 02151**  
**0.952 mi.**  
**5025 ft.**    **Site 1 of 2 in cluster AR**

**SHWS**    **1000521464**  
**LUST**      **N/A**  
**UST**  
**SPILLS**  
**RELEASE**  
**Financial Assurance**  
**HW GEN**

**Relative:**  
**Higher**

**Actual:**  
**10 ft.**

SHWS:

Release Tracking Number/Current Status:	3-0017953 / RAO
Release Town:	REVERE
Notification Date:	01/22/1999
Category:	120 DY
Associated ID:	Not reported
<b>Current Status:</b>	<b>Response Action Outcome</b>
Status Date:	03/31/1999
Phase:	Not reported
Response Action Outcome:	B1 - Remedial actions have not been conducted because a level of No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MASTER AUTO INC (Continued)**

**1000521464**

Oil Or Haz Material: Significant Risk exists.  
Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
Quantity: 156 milligrams per kilogram  
Chemical: NAPHTHALENE  
Quantity: 6.84 milligrams per kilogram

Actions:

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/22/1999  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/22/1999  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 3/31/1999  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

LUST:

Facility:

Release Tracking Number/Current Status: 3-0003232 / WCSPRM  
Status Date: 04/29/1992  
Source Type: UST  
Release Town: REVERE  
Notification Date: 07/15/1990  
Category: NONE  
Associated ID: Not reported  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Not reported

Location Type: GASSTATION  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: UNKNOWN  
Quantity: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MASTER AUTO INC (Continued)**

**1000521464**

Actions:

Action Type:	TREGS
Action Status:	WAVREC
Action Date:	1/23/1991
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Revised Statement or Transmittal Received
Action Date:	3/1/2010
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	WAVACC
Action Date:	4/10/1991
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	WCSPRM
Action Date:	4/29/1992
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	WAVSIG
Action Date:	4/8/1991
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	7/15/1990
Response Action Outcome:	Not reported

UST:

Facility:

Facility ID:	14910
Owner Id:	10287
Owner:	MASTER AUTO INC
Owner Address:	1027 BROADWAY
Owner City,St,Zip:	REVERE, MA 02151
Telephone:	7812849005
Description:	Retail Motor Vehicle Fuel
Facility address 2:	Not reported
Owner address 2:	Not reported
Latitude:	42.42163
Longitude:	-71.00401
Contact name:	Anthony Pintone
Contact address1:	1027 Broadway
Contact address2:	Not reported
Contact city:	Revere
Contact state:	MA
Contact zip:	02151
Contact email:	masterauto1996@gmail.com
Update:	2016-01-17 00:00:00
Update by:	Not reported
Fac status:	OPEN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MASTER AUTO INC (Continued)

1000521464

Tank ID: 1  
**Tank Status:** In Use  
Status Date: Not reported  
Date Installed: 03/01/1983  
Capacity: 8000.00000  
Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: Continuous In-Tank Monitoring System  
Pipe Leak Detection: Continuous Interstitial Space Monitoring  
Latitude: 42.42157  
Longitude: -71.00381  
Tank construct: Single-walled non-corrodible (including "composite") material (cathodic protection not required)  
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)  
Ptype: Pressurized piping system with mechanical automatic line leak detection  
Number of compartment: Not reported  
Pipe install date: 03/01/1983  
Pipe leak install date: 03/01/1983  
Submersible sump: Y  
Submersible sump install date: 03/01/1983  
Turbine sump: Y  
Turbine sump sensor: Y  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: 03/01/1983  
Spill bucket sensor: N  
Overfill protect install: 03/01/1983  
Overfill protect type: Ball Float  
Automatic line leak detect: 03/01/1983  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 2  
**Tank Status:** In Use  
Status Date: Not reported  
Date Installed: 03/01/1983  
Capacity: 6000.00000  
Contents: Diesel  
Tank Usage: Motor Vehi  
Tank Leak Detection: Continuous In-Tank Monitoring System  
Pipe Leak Detection: Continuous Interstitial Space Monitoring  
Latitude: 42.42155  
Longitude: -71.00380  
Tank construct: Single-walled non-corrodible (including "composite") material (cathodic protection not required)  
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)  
Ptype: Pressurized piping system with mechanical automatic line leak detection  
Number of compartment: Not reported  
Pipe install date: 03/01/1983  
Pipe leak install date: 03/01/1983  
Submersible sump: Y  
Submersible sump install date: 03/01/1983  
Turbine sump: Y  
Turbine sump sensor: Y  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: 03/01/1983  
Spill bucket sensor: N



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MASTER AUTO INC (Continued)**

1000521464

Overfill protect install: 03/01/1983  
Overfill protect type: Ball Float  
Automatic line leak detect: 03/01/1983  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 3  
**Tank Status: In Use**  
Status Date: Not reported  
Date Installed: 03/01/1983  
Capacity: 10000.00000  
Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: Continuous In-Tank Monitoring System  
Pipe Leak Detection: Continuous Interstitial Space Monitoring  
Latitude: 42.42154  
Longitude: -71.00381  
Tank construct: Single-walled non-corrodible (including "composite") material (cathodic protection not required)  
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)  
Ptype: Pressurized piping system with mechanical automatic line leak detection  
Number of compartment: Not reported  
Pipe install date: 03/01/1983  
Pipe leak install date: 03/01/1983  
Submersible sump: Y  
Submersible sump install date: 03/01/1983  
Turbine sump: Y  
Turbine sump sensor: Y  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: 03/01/1983  
Spill bucket sensor: N  
Overfill protect install: 03/01/1983  
Overfill protect type: Ball Float  
Automatic line leak detect: 03/01/1983  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

MA Spills:

Facility ID:	9-9999	Spill ID:	N90-3988
Staff Lead:	OTTENHEIMER, D	Date Entered:	19900405
Last Entered:	19900405	First Response:	19900405
Spill Date:	19900323	Spill Time:	Not reported
Report Date:	19900323	Report Time:	05:15PM
Case Closed:	YES	Mat Type:	Not reported
Virgin Waste:	Not reported	Contam Soil:	Not reported
Env Impact:	Not reported	Other Impact:	Not reported
Material:	Not reported	Other Material:	Not reported
Qty Reported:	Not reported	Qty Actual:	Not reported
Qty Reported:	Not reported	Qty Actual:	Not reported
CAS No:	Not reported	PCB Lev (ppm):	Not reported
Source:	Not reported	Other Source:	Not reported
Incident:	Not reported	Other Incdnt:	Not reported
Cleanup Type:	Not reported	Contractor:	Not reported
Referral:	Not reported	LUST Elig:	Not reported
Report Prep:	Not reported	Category:	Not reported
Notifier:	SHIELA MOLLOY, MOBIL OIL		

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MASTER AUTO INC (Continued)**

**1000521464**

Notif Tel: Not reported  
Days/Close: 0

Release:

Release Tracking Number/Current Status: 3-0003232 / WCSPRM  
Primary ID: Not reported  
Official City: REVERE  
Notification: 07/15/1990  
Category: NONE  
Status Date: 04/29/1992  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Not reported

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: TREGS  
Action Status: WAVREC  
Action Date: 1/23/1991  
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO  
Action Status: Revised Statement or Transmittal Received  
Action Date: 3/1/2010  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: WAVACC  
Action Date: 4/10/1991  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: WCSPRM  
Action Date: 4/29/1992  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: WAVSIG  
Action Date: 4/8/1991  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 7/15/1990  
Response Action Outcome: Not reported

Chemicals:

Chemical: UNKNOWN  
Quantity: Not reported  
Location Type: GASSTATION  
Source: UST

Release Tracking Number/Current Status: 3-0017953 / RAO  
Primary ID: Not reported  
Official City: REVERE

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MASTER AUTO INC (Continued)**

**1000521464**

Notification: 01/22/1999  
 Category: 120 DY  
 Status Date: 03/31/1999  
 Phase: Not reported  
 Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
 Oil / Haz Material Type: Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type: RNF  
 Action Status: Reportable Release under MGL 21E  
 Action Date: 1/22/1999  
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
 Action Status: Reportable Release under MGL 21E  
 Action Date: 1/22/1999  
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO  
 Action Status: RAO Statement Received  
 Action Date: 3/31/1999  
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Chemicals:

Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
 Quantity: 156 milligrams per kilogram  
 Chemical: NAPHTHALENE  
 Quantity: 6.84 milligrams per kilogram

MA Financial Assurance 2:

Facility Id: 14910  
 Description: Gas Station  
 Work Phone: (781) 284-9005

HW GEN:

EPA Id: MV7812849005  
 RCRA Generator Status: Not reported  
 State Generator Status: SQG-MA

AR143  
 NW  
 1/2-1  
 0.952 mi.  
 5025 ft.

**NO LOCATION AID**  
**1027 BROADWAY**  
**REVERE, MA**  
 Site 2 of 2 in cluster AR

**RGA HWS S115033549**  
**N/A**

Relative:  
 Higher

RGA HWS:  
 2012 NO LOCATION AID 1027 BROADWAY  
 2011 NO LOCATION AID 1027 BROADWAY  
 2010 NO LOCATION AID 1027 BROADWAY  
 2009 NO LOCATION AID 1027 BROADWAY

Actual:  
 10 ft.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NO LOCATION AID (Continued)**

**S115033549**

2008	NO LOCATION AID	1027 BROADWAY
2007	NO LOCATION AID	1027 BROADWAY
2006	NO LOCATION AID	1027 BROADWAY
2005	NO LOCATION AID	1027 BROADWAY
2004	NO LOCATION AID	1027 BROADWAY
2003	NO LOCATION AID	1027 BROADWAY
2002	NO LOCATION AID	1027 BROADWAY

**AS144**  
 West  
 1/2-1  
 0.953 mi.  
 5030 ft.

**PROPOSED RUMNEY MARSH SCHOOL**  
**101 SCHOOL ST**  
**REVERE, MA**

**RGA HWS**

**S115045006**  
**N/A**

**Site 1 of 2 in cluster AS**

**Relative:**  
**Lower**

RGA HWS:

2012	PROPOSED RUMNEY MARSH SCHOOL	101 SCHOOL ST
2011	PROPOSED RUMNEY MARSH SCHOOL	101 SCHOOL ST
2010	PROPOSED RUMNEY MARSH SCHOOL	101 SCHOOL ST
2009	PROPOSED RUMNEY MARSH SCHOOL	101 SCHOOL ST
2008	PROPOSED RUMNEY MARSH SCHOOL	101 SCHOOL ST
2007	PROPOSED RUMNEY MARSH SCHOOL	101 SCHOOL ST
2006	PROPOSED RUMNEY MARSH SCHOOL	101 SCHOOL ST

**Actual:**  
**7 ft.**

**AS145**  
 West  
 1/2-1  
 0.953 mi.  
 5030 ft.

**PROPOSED RUMNEY MARSH SCHOOL**  
**101 SCHOOL ST**  
**REVERE, MA 02151**

**SHWS**  
**INST CONTROL**  
**RELEASE**  
**HW GEN**

**S108034581**  
**N/A**

**Site 2 of 2 in cluster AS**

**Relative:**  
**Lower**

SHWS:

Release Tracking Number/Current Status: 3-0025848 / RAO  
 Release Town: REVERE  
 Notification Date: 04/26/2006  
 Category: 120 DY  
 Associated ID: Not reported

**Actual:**  
**7 ft.**

**Current Status:** **Response Action Outcome**  
 Status Date: 12/11/2009  
 Phase: PHASE III  
 Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.  
 Oil Or Haz Material: Oil and Hazardous Material

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: BENZO[A]PYRENE  
 Quantity: 1.7 milligrams per kilogram  
 Chemical: C11 THRU C22 AROMATIC HYDROCARBONS  
 Quantity: 220 milligrams per kilogram  
 Chemical: BENZO[A]ANTHRACENE  
 Quantity: 2.3 milligrams per kilogram

Actions:

Action Type: Release Abatement Measure

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PROPOSED RUMNEY MARSH SCHOOL (Continued)**

**S108034581**

Action Status:	Level I - Technical Screen Audit
Action Date:	1/10/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	1/9/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	11/30/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	12/11/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Activity and Use Limitation
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/9/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	2/1/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	2/2/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Fee Received - FMCRA Use Only
Action Date:	2/21/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PROPOSED RUMNEY MARSH SCHOOL (Continued)**

**S108034581**

Action Date: 3/7/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/26/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/26/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 5/27/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 5/3/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 5/3/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 5/3/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 5/30/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 5/30/2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PROPOSED RUMNEY MARSH SCHOOL (Continued)**

**S108034581**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 5/9/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 7/23/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 8/29/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

**INST CONTROL:**

Release Tracking Number: 3-0025848  
Action Type: AUL  
Action Stat: RECPT  
Action Date: 12/09/2009  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

**Release:**

Release Tracking Number/Current Status: 3-0025848 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 04/26/2006  
Category: 120 DY  
Status Date: 12/11/2009  
Phase: PHASE III  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/10/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PROPOSED RUMNEY MARSH SCHOOL (Continued)**

**S108034581**

been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 1/9/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 11/30/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 12/11/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 12/9/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 2/1/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 2/2/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 2/21/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSNT  
Action Date: 3/7/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PROPOSED RUMNEY MARSH SCHOOL (Continued)**

**S108034581**

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/26/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/26/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 5/27/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 5/3/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 5/3/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 5/3/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 5/30/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 5/30/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PROPOSED RUMNEY MARSH SCHOOL (Continued)**

**S108034581**

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 5/9/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 7/23/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 8/29/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Chemicals:  
Chemical: BENZO[A]PYRENE  
Quantity: 1.7 milligrams per kilogram  
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS  
Quantity: 220 milligrams per kilogram  
Chemical: BENZO[A]ANTHRACENE  
Quantity: 2.3 milligrams per kilogram

HW GEN:  
EPA Id: MAD985269760  
RCRA Generator Status: VSQG  
State Generator Status: SQG-MA

**AT146 @ OAK ISLAND ROAD**  
**NNE 833 NORTH SHORE RD**  
**1/2-1 REVERE, MA 02150**  
**0.953 mi.**  
**5032 ft. Site 1 of 2 in cluster AT**

**SHWS S109948638**  
**RELEASE N/A**

**Relative:** SHWS:  
**Higher** Release Tracking Number/Current Status: 3-0028618 / URAM  
Release Town: REVERE  
**Actual:** Notification Date: 07/09/2009  
**9 ft.** Category: 120 DY  
Associated ID: Not reported  
**Current Status:** **URAM**  
Status Date: 07/22/2009  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil and Hazardous Material  
Location Type: COMMERCIAL  
Location Type: PRIVPROP  
Source: UNKNOWN

[Click here to access the MA DEP site for this facility:](#)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

@ OAK ISLAND ROAD (Continued)

S109948638

Chemicals:

Chemical: LEAD  
Quantity: 434 milligrams per kilogram  
Chemical: TPH  
Quantity: 1020 milligrams per kilogram

Actions:

Action Type: Utility-related Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 11/17/2009  
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 12/8/2009  
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure  
Action Status: Notification of URAM Received  
Action Date: 7/22/2009  
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 7/22/2009  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: URAMLRL  
Action Date: 7/23/2009  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/9/2009  
Response Action Outcome: Not reported

Action Type: Utility-related Abatement Measure  
Action Status: Notice of Intent to Conduct a URAM  
Action Date: 7/9/2009  
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0028618 / URAM  
Primary ID: Not reported  
Official City: REVERE  
Notification: 07/09/2009  
Category: 120 DY  
Status Date: 07/22/2009  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**@ OAK ISLAND ROAD (Continued)**

**S109948638**

**Actions:**

Action Type:	Utility-related Abatement Measure
Action Status:	Completion Statement Received
Action Date:	11/17/2009
Response Action Outcome:	Not reported
Action Type:	Utility-related Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	12/8/2009
Response Action Outcome:	Not reported
Action Type:	Utility-related Abatement Measure
Action Status:	Notification of URAM Received
Action Date:	7/22/2009
Response Action Outcome:	Not reported
Action Type:	Utility-related Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	7/22/2009
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	URAMLR
Action Date:	7/23/2009
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	7/9/2009
Response Action Outcome:	Not reported
Action Type:	Utility-related Abatement Measure
Action Status:	Notice of Intent to Conduct a URAM
Action Date:	7/9/2009
Response Action Outcome:	Not reported

**Chemicals:**

Chemical:	LEAD
Quantity:	434 milligrams per kilogram
Chemical:	TPH
Quantity:	1020 milligrams per kilogram
Location Type:	COMMERCIAL
Location Type:	PRIVPROP
Source:	UNKNOWN

**AT147**  
**NNE**  
**1/2-1**  
**0.953 mi.**  
**5032 ft.**

**@ OAK ISLAND ROAD**  
**833 NORTH SHORE RD**  
**REVERE, MA**  
**Site 2 of 2 in cluster AT**

**RGA HWS**    **S115010537**  
**N/A**

**Relative:**  
**Higher**

RGA HWS:	2012	@ OAK ISLAND ROAD	833 NORTH SHORE RD
	2011	@ OAK ISLAND ROAD	833 NORTH SHORE RD
	2010	@ OAK ISLAND ROAD	833 NORTH SHORE RD
	2009	@ OAK ISLAND ROAD	833 NORTH SHORE RD

**Actual:**  
**9 ft.**

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

<b>148</b> <b>NW</b> <b>1/2-1</b> <b>0.974 mi.</b> <b>5142 ft.</b>	<b>SUNOCO</b> <b>1030 BROADWAY ST.</b> <b>REVERE, MA</b>	<b>RGA HWS</b>	<b>S115050924</b> <b>N/A</b>
--	--	----------------	---------------------------------

**Relative:** RGA HWS: 1991 SUNOCO 1030 BROADWAY ST.  
**Higher**

**Actual:**  
**11 ft.**

<b>149</b> <b>NW</b> <b>1/2-1</b> <b>0.980 mi.</b> <b>5177 ft.</b>	<b>MOBIL STATION #01-135</b> <b>1056 BROADWAY</b> <b>REVERE, MA</b>	<b>RGA HWS</b>	<b>S115031311</b> <b>N/A</b>
--	---	----------------	---------------------------------

**Relative:** RGA HWS: 1991 MOBIL STATION #01-135 1056 BROADWAY  
**Higher**

**Actual:**  
**10 ft.**

<b>AU150</b> <b>West</b> <b>1/2-1</b> <b>0.987 mi.</b> <b>5211 ft.</b>	<b>WENDYS HAMBURGERS</b> <b>575 BROADWAY</b> <b>REVERE, MA 02151</b>  <b>Site 1 of 3 in cluster AU</b>	<b>SHWS</b> <b>RELEASE</b>	<b>S100829584</b> <b>N/A</b>
--	--	-------------------------------	---------------------------------

**Relative:** SHWS:  
**Higher** Release Tracking Number/Current Status: 3-0001500 / WCSPRM  
 Release Town: REVERE  
**Actual:** Notification Date: 10/15/1989  
**14 ft.** Category: NONE  
 Associated ID: Not reported  
**Current Status:** **Waiver Completion Statement Permanent**  
 Status Date: 09/11/1990  
 Phase: Not reported  
 Response Action Outcome: -  
 Oil Or Haz Material: Not reported

Click here to access the MA DEP site for this facility:

Chemicals:  
 Chemical: UNKNOWN  
 Quantity: Not reported

Actions:  
 Action Type: Release Disposition  
 Action Status: Valid Transition Site  
 Action Date: 10/15/1989  
 Response Action Outcome: Not reported

Action Type: TREGS  
 Action Status: WAVACC  
 Action Date: 10/31/1989  
 Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit  
 Action Status: NOA  
 Action Date: 5/18/1994  
 Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WENDYS HAMBURGERS (Continued)**

**S100829584**

Action Type: TREGS  
Action Status: WAVREC  
Action Date: 5/19/1989  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: WAVSIG  
Action Date: 8/21/1989  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: WCSPRM  
Action Date: 9/11/1990  
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0001500 / WCSPRM  
Primary ID: Not reported  
Official City: REVERE  
Notification: 10/15/1989  
Category: NONE  
Status Date: 09/11/1990  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Not reported

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 10/15/1989  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: WAVACC  
Action Date: 10/31/1989  
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit  
Action Status: NOA  
Action Date: 5/18/1994  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: WAVREC  
Action Date: 5/19/1989  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: WAVSIG  
Action Date: 8/21/1989  
Response Action Outcome: Not reported

Action Type: TREGS

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WENDYS HAMBURGERS (Continued)**

**S100829584**

Action Status: WCSPRM  
 Action Date: 9/11/1990  
 Response Action Outcome: Not reported

Chemicals:  
 Chemical: UNKNOWN  
 Quantity: Not reported

**AU151**  
**West**  
**1/2-1**  
**0.987 mi.**  
**5211 ft.**

**WENDYS HAMBURGERS**  
**575 BROADWAY**  
**REVERE, MA**  
**Site 2 of 3 in cluster AU**

**RGA HWS S115054341**  
**N/A**

**Relative:**  
**Higher**

RGA HWS:

2012	WENDYS HAMBURGERS	575 BROADWAY
2011	WENDYS HAMBURGERS	575 BROADWAY
2010	WENDYS HAMBURGERS	575 BROADWAY
2009	WENDYS HAMBURGERS	575 BROADWAY
2008	WENDYS HAMBURGERS	575 BROADWAY
2007	WENDYS HAMBURGERS	575 BROADWAY
2006	WENDYS HAMBURGERS	575 BROADWAY
2005	WENDYS HAMBURGERS	575 BROADWAY
2004	WENDYS HAMBURGERS	575 BROADWAY
2003	WENDYS HAMBURGERS	575 BROADWAY
2002	WENDYS HAMBURGERS	575 BROADWAY

**Actual:**  
**14 ft.**

**AU152**  
**West**  
**1/2-1**  
**0.987 mi.**  
**5211 ft.**

**WENDY'S HAMBURGERS**  
**575 BROADWAY**  
**REVERE, MA**  
**Site 3 of 3 in cluster AU**

**RGA HWS S115054338**  
**N/A**

**Relative:**  
**Higher**

RGA HWS:

2001	WENDY'S HAMBURGERS	575 BROADWAY
2000	WENDY'S HAMBURGERS	575 BROADWAY
1999	WENDY'S HAMBURGERS	575 BROADWAY
1998	WENDY'S HAMBURGERS	575 BROADWAY
1997	WENDY'S HAMBURGERS	575 BROADWAY
1996	WENDY'S HAMBURGERS	575 BROADWAY
1995	WENDY'S HAMBURGERS	575 BROADWAY
1994	WENDY'S HAMBURGERS	575 BROADWAY
1993	WENDY'S HAMBURGERS	575 BROADWAY
1992	WENDY'S HAMBURGERS	575 BROADWAY
1991	WENDY'S HAMBURGERS	575 BROADWAY

**Actual:**  
**14 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AV153 BREWER PETROLEUM 42 24 05 N 71 00 11 W  
SW 271 LEE BURBANK HWY  
1/2-1 REVERE, MA 02151  
0.991 mi.  
5234 ft. Site 1 of 3 in cluster AV

SHWS S101034482  
SPILLS N/A  
RELEASE

Relative:  
Lower

SHWS:

Actual:  
7 ft.

Release Tracking Number/Current Status: 3-0024574 / RAO  
Release Town: REVERE  
Notification Date: 01/19/2005  
Category: 72 HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 01/19/2006  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Oil  
Location Type: COMMERCIAL  
Source: UNKNOWN

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: TOTAL VOCS  
Quantity: 100 parts per million  
Chemical: GASOLINE  
Quantity: 100 parts per million

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 1/19/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/19/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/19/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 1/19/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 1/19/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BREWER PETROLEUM 42 24 05 N 71 00 11 W (Continued)**

**S101034482**

reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 12/12/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSSENT  
Action Date: 12/9/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 2/25/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 2/28/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 3/22/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 3/28/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/28/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 6/8/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

MA Spills:

Facility ID: 3-3390  
Staff Lead: NDI, K  
Last Entered: 19931227  
Spill Date: 19900730  
Report Date: 19900730

Spill ID: N90-1250  
Date Entered: 19900830  
First Response: 19900730  
Spill Time: Not reported  
Report Time: 02:45PM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BREWER PETROLEUM 42 24 05 N 71 00 11 W (Continued)**

**S101034482**

Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	DIESEL FUEL	Other Material:	Not reported
Qty Reported:	UNKNOWN	Qty Actual:	UNKNOWN
Qty Reported:	GALLONS	Qty Actual:	GALLONS
CAS No:	Not reported	PCB Lev (ppm):	UNKNOWN
Source:	U.S.T.	Other Source:	Not reported
Incident:	TANK REMOVAL	Other Incdnt:	Not reported
Cleanup Type:	SSC	Contractor:	NOT USED
Referral:	SA	LUST Elig:	---
Report Prep:	Not reported	Category:	Not reported
Notifier:	CAPT. DOHERTY, REVERE F.D.		
Notif Tel:	Not reported		
Days/Close:	0		

Release:

Release Tracking Number/Current Status: 3-0024574 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 01/19/2005  
Category: 72 HR  
Status Date: 01/19/2006  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	1/19/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	1/19/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	1/19/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	1/19/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BREWER PETROLEUM 42 24 05 N 71 00 11 W (Continued)**

**S101034482**

Action Status:	Completion Statement Received
Action Date:	1/19/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	12/12/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	12/9/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	2/25/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	2/28/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	3/22/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	3/28/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	3/28/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	6/8/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Chemicals:	
Chemical:	TOTAL VOCS
Quantity:	100 parts per million
Chemical:	GASOLINE

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BREWER PETROLEUM 42 24 05 N 71 00 11 W (Continued)**

**S101034482**

Quantity: 100 parts per million  
 Location Type: COMMERCIAL  
 Source: UNKNOWN

**AV154**  
**SW**  
 1/2-1  
 0.991 mi.  
 5234 ft.

**BREWER PETROLEUM 42 24 05 N 71 00 11 W**  
**271 LEE BURBANK HWY**  
**REVERE, MA**  
 Site 2 of 3 in cluster AV

**RGA HWS** **S115014645**  
**N/A**

**Relative:**  
**Lower**

RGA HWS:

2008	BREWER PETROLEUM 42 24 05 N 71 00 11 W	271 LEE BURBANK
HWY		
2007	BREWER PETROLEUM 42 24 05 N 71 00 11 W	271 LEE BURBANK
HWY		
2006	BREWER PETROLEUM 42 24 05 N 71 00 11 W	271 LEE BURBANK
HWY		
2005	BREWER PETROLEUM 42 24 05 N 71 00 11 W	271 LEE BURBANK
HWY		

**Actual:**  
**7 ft.**

**AV155**  
**SW**  
 1/2-1  
 0.991 mi.  
 5234 ft.

**BREWER PETROLEUM 42 24 05 N 71 00 11 W**  
**271 LEE BURBANK HWY**  
**REVERE, MA**  
 Site 3 of 3 in cluster AV

**RGA HWS** **S115014646**  
**N/A**

**Relative:**  
**Lower**

RGA HWS:

2012	BREWER PETROLEUM 42 24 05 N 71 00 11 W	271 LEE BURBANK
HWY		
2011	BREWER PETROLEUM 42 24 05 N 71 00 11 W	271 LEE BURBANK
HWY		
2010	BREWER PETROLEUM 42 24 05 N 71 00 11 W	271 LEE BURBANK
HWY		
2009	BREWER PETROLEUM 42 24 05 N 71 00 11 W	271 LEE BURBANK
HWY		

**Actual:**  
**7 ft.**

**156**  
**South**  
 1/2-1  
 0.991 mi.  
 5234 ft.

**AT BEACHMONT TRAIN STA**  
**WINTHROP AVE**  
**REVERE, MA 02151**

**SHWS** **S105596345**  
**RELEASE** **N/A**

**Relative:**  
**Higher**

SHWS:

Release Tracking Number/Current Status: 3-0021728 / RAO  
 Release Town: REVERE  
 Notification Date: 07/09/2002  
 Category: TWO HR  
 Associated ID: Not reported  
**Current Status: Response Action Outcome**  
 Status Date: 08/29/2002  
 Phase: Not reported  
 Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
 Oil Or Haz Material: Oil  
 Location Type: COMMERCIAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AT BEACHMONT TRAIN STA (Continued)**

**S105596345**

Source: PIPE  
Source: VEHICLE

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: HYDRAULIC FLUID  
Quantity: Not reported  
Chemical: HYDRAULIC FLUID  
Quantity: 30 gallons

**Actions:**

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 7/9/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/9/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/29/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/29/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 8/8/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**Release:**

Release Tracking Number/Current Status: 3-0021728 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 07/09/2002  
Category: TWO HR  
Status Date: 08/29/2002  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AT BEACHMONT TRAIN STA (Continued)**

**S105596345**

Click here to access the MA DEP site for this facility:

**Actions:**

Action Type: Immediate Response Action  
 Action Status: Oral Approval of Plan or Action  
 Action Date: 7/9/2002  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
 Action Status: Reportable Release under MGL 21E  
 Action Date: 7/9/2002  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
 Action Status: RAO Statement Received  
 Action Date: 8/29/2002  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
 Action Status: Reportable Release under MGL 21E  
 Action Date: 8/29/2002  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
 Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
 Action Date: 8/8/2002  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**Chemicals:**

Chemical: HYDRAULIC FLUID  
 Quantity: Not reported  
 Chemical: HYDRAULIC FLUID  
 Quantity: 30 gallons  
 Location Type: COMMERCIAL  
 Source: PIPE  
 Source: VEHICLE

**AW157  
 NW  
 1/2-1  
 0.991 mi.  
 5234 ft.**

**FMR OLD COLONY GAS STATION (SMB 3-0197)  
 12 SQUIRE RD  
 REVERE, MA**

**RGA HWS S115021350  
 N/A**

**Site 1 of 3 in cluster AW**

**Relative:  
 Higher**

RGA HWS:

2012	FMR OLD COLONY GAS STATION (SMB 3-0197)	12 SQUIRE RD
2011	FMR OLD COLONY GAS STATION (SMB 3-0197)	12 SQUIRE RD
2010	FMR OLD COLONY GAS STATION (SMB 3-0197)	12 SQUIRE RD
2009	FMR OLD COLONY GAS STATION (SMB 3-0197)	12 SQUIRE RD
2008	FMR OLD COLONY GAS STATION (SMB 3-0197)	12 SQUIRE RD
2007	FMR OLD COLONY GAS STATION (SMB 3-0197)	12 SQUIRE RD
2006	FMR OLD COLONY GAS STATION (SMB 3-0197)	12 SQUIRE RD
2005	FMR OLD COLONY GAS STATION (SMB 3-0197)	12 SQUIRE RD

**Actual:  
 14 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FMR OLD COLONY GAS STATION (SMB 3-0197) (Continued)**

**S115021350**

2004	FMR OLD COLONY GAS STATION (SMB 3-0197)	12 SQUIRE RD
2003	FMR OLD COLONY GAS STATION (SMB 3-0197)	12 SQUIRE RD
2002	FMR OLD COLONY GAS STATION (SMB 3-0197)	12 SQUIRE RD
1996	FMR OLD COLONY GAS STATION (SMB 3-0197)	12 SQUIRE RD

**AW158  
NW  
1/2-1  
0.991 mi.  
5234 ft.**

**FMR OLD COLONY GAS STATION (SMB 3-0197)  
12 SQUIRE RD  
REVERE, MA 02151**

**SHWS  
LUST  
INST CONTROL  
RELEASE**

**S100043763  
N/A**

**Site 2 of 3 in cluster AW**

**Relative:  
Higher**

SHWS:

Release Tracking Number/Current Status: 3-0010091 / RAONR  
Release Town: REVERE  
Notification Date: 10/18/1993  
Category: 72 HR  
Associated ID: 3-0000197  
**Current Status: Response Action Outcome Not Required**  
Status Date: 11/23/1994  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil  
Location Type: FMR GAS ST  
Location Type: COMMERCIAL  
Source: UNKNOWN  
Source: UST

**Actual:  
14 ft.**

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: GASOLINE  
Quantity: Not reported

Actions:

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 10/18/1993  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/18/1993  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 10/28/1994  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/28/1994  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 11/23/1994

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FMR OLD COLONY GAS STATION (SMB 3-0197) (Continued)**

**S100043763**

Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via IRA Completion Statement  
Action Date: 11/23/1994  
Response Action Outcome: Not reported

Action Type: RAO Not Required  
Action Status: Linked to a Tier Classified Site  
Action Date: 11/23/1994  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 12/16/1993  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/3/1993  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/3/1994  
Response Action Outcome: Not reported

**LUST:**

**Facility:**

Release Tracking Number/Current Status: 3-0010091 / RAONR  
Status Date: 11/23/1994  
Source Type: UST  
Release Town: REVERE  
Notification Date: 10/18/1993  
Category: 72 HR  
Associated ID: 3-0000197  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil

Location Type: FMR GAS ST  
Location Type: COMMERCIAL  
Source: UNKNOWN  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: GASOLINE  
Quantity: Not reported

**Actions:**

Action Type: Immediate Response Action



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FMR OLD COLONY GAS STATION (SMB 3-0197) (Continued)**

**S100043763**

Action Status: IRA Assessment Only  
Action Date: 10/18/1993  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/18/1993  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 10/28/1994  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/28/1994  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 11/23/1994  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via IRA Completion Statement  
Action Date: 11/23/1994  
Response Action Outcome: Not reported

Action Type: RAO Not Required  
Action Status: Linked to a Tier Classified Site  
Action Date: 11/23/1994  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 12/16/1993  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/3/1993  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/3/1994  
Response Action Outcome: Not reported

Facility:

Release Tracking Number/Current Status: 3-0000197 / RAO  
Status Date: 10/31/1996  
Source Type: UST  
Release Town: REVERE  
Notification Date: 01/15/1987  
Category: NONE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FMR OLD COLONY GAS STATION (SMB 3-0197) (Continued)**

**S100043763**

Associated ID: 3-0000197  
Phase: PHASE II  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.  
Oil Or Haz Material: Not reported  
Location Type: FORMER  
Location Type: GASSTATION  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: UNKNOWN  
Quantity: Not reported

Actions:

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 1/15/1987  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 10/21/1987  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 10/21/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: TREGS  
Action Status: LSPFA  
Action Date: 10/24/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/28/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Tier 2 Classification

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FMR OLD COLONY GAS STATION (SMB 3-0197) (Continued)**

**S100043763**

Action Date: 10/28/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 10/28/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/31/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/31/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: Audit Follow-up Completion Statement Received  
Action Date: 10/7/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via IRA Completion Statement  
Action Date: 11/23/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action  
Action Status: DEPRET  
Action Date: 12/13/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Amendment Received or Issued  
Action Date: 12/2/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Revised Statement or Transmittal Received  
Action Date: 12/26/1996

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FMR OLD COLONY GAS STATION (SMB 3-0197) (Continued)**

**S100043763**

Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	An activity type that is related to an Audit
Action Status:	NAFVIO
Action Date:	12/3/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	12/3/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	3/10/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	4/13/1987
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	An activity type that is related to an Audit
Action Status:	NOA
Action Date:	4/20/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	7/23/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Activity and Use Limitation
Action Status:	Legal Notice Published
Action Date:	7/24/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Activity and Use Limitation
Action Status:	Level II - Audit Inspection
Action Date:	8/14/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FMR OLD COLONY GAS STATION (SMB 3-0197) (Continued)**

**S100043763**

reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 8/14/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: Audit Follow-up Completion Statement Received  
Action Date: 8/2/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Amendment Received or Issued  
Action Date: 8/2/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA  
Action Status: FLDRUN  
Action Date: 8/25/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 9/17/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 9/17/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 9/8/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

INST CONTROL:  
Release Tracking Number: 3-0000197  
Action Type: AUL  
Action Stat: AMEND

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FMR OLD COLONY GAS STATION (SMB 3-0197) (Continued)**

**S100043763**

Action Date: 08/02/2002  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number: 3-0000197  
Action Type: AUL  
Action Stat: AMEND  
Action Date: 12/02/2002  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number: 3-0000197  
Action Type: AUL  
Action Stat: LEGNOT  
Action Date: 07/24/2002  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number: 3-0000197  
Action Type: AUL  
Action Stat: RECPT  
Action Date: 10/31/1996  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number: 3-0000197  
Action Type: AUL  
Action Stat: SNAUDI  
Action Date: 08/14/2009  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release:

Release Tracking Number/Current Status: 3-0000197 / RAO  
Primary ID: 3-0000197  
Official City: REVERE  
Notification: 01/15/1987  
Category: NONE  
Status Date: 10/31/1996  
Phase: PHASE II  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.  
Oil / Haz Material Type: Not reported

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 1/15/1987

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FMR OLD COLONY GAS STATION (SMB 3-0197) (Continued)**

**S100043763**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 10/21/1987  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 10/21/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: TREGS  
Action Status: LSPFA  
Action Date: 10/24/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/28/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 10/28/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 10/28/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/31/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/31/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FMR OLD COLONY GAS STATION (SMB 3-0197) (Continued)**

**S100043763**

reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: Audit Follow-up Completion Statement Received  
Action Date: 10/7/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via IRA Completion Statement  
Action Date: 11/23/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action  
Action Status: DEPRET  
Action Date: 12/13/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Amendment Received or Issued  
Action Date: 12/2/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Revised Statement or Transmittal Received  
Action Date: 12/26/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: NAFVIO  
Action Date: 12/3/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 12/3/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 3/10/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FMR OLD COLONY GAS STATION (SMB 3-0197) (Continued)**

**S100043763**

been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 4/13/1987  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: NOA  
Action Date: 4/20/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 7/23/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Legal Notice Published  
Action Date: 7/24/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Level II - Audit Inspection  
Action Date: 8/14/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 8/14/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: Audit Follow-up Completion Statement Received  
Action Date: 8/2/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Amendment Received or Issued  
Action Date: 8/2/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FMR OLD COLONY GAS STATION (SMB 3-0197) (Continued)**

**S100043763**

Action Type: RLFA  
Action Status: FLDRUN  
Action Date: 8/25/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 9/17/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 9/17/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 9/8/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Chemicals:  
Chemical: UNKNOWN  
Quantity: Not reported  
Location Type: FORMER  
Location Type: GASSTATION  
Source: UST

Release Tracking Number/Current Status: 3-0010091 / RAONR  
Primary ID: 3-0000197  
Official City: REVERE  
Notification: 10/18/1993  
Category: 72 HR  
Status Date: 11/23/1994  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:  
Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 10/18/1993  
Response Action Outcome: Not reported  
  
Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/18/1993

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FMR OLD COLONY GAS STATION (SMB 3-0197) (Continued)**

**S100043763**

Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	10/28/1994
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	10/28/1994
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	11/23/1994
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via IRA Completion Statement
Action Date:	11/23/1994
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	11/23/1994
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	12/16/1993
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	12/3/1993
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	3/3/1994
Response Action Outcome:	Not reported
Chemicals:	
Chemical:	GASOLINE
Quantity:	Not reported
Location Type:	FMR GAS ST
Location Type:	COMMERCIAL
Source:	UNKNOWN
Source:	UST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

Site

Database(s)

**AW159** **OLD COLONY GASOLINE STAT (FMR)**  
**NW** **12 SQUIRE RD**  
**1/2-1** **REVERE, MA**  
**0.991 mi.**  
**5234 ft.** **Site 3 of 3 in cluster AW**

**RGA HWS** **S115040766**  
**N/A**

**Relative:**  
**Higher**

RGA HWS:

2001	OLD COLONY GASOLINE STAT (FMR)	12 SQUIRE RD
2000	OLD COLONY GASOLINE STAT (FMR)	12 SQUIRE RD
1999	OLD COLONY GASOLINE STAT (FMR)	12 SQUIRE RD
1998	OLD COLONY GASOLINE STAT (FMR)	12 SQUIRE RD
1997	OLD COLONY GASOLINE STAT (FMR)	12 SQUIRE RD
1996	OLD COLONY GASOLINE STAT (FMR)	12 SQUIRE RD

**Actual:**  
**14 ft.**

**AX160** **NO LOCATION AID**  
**West** **529 BROADWAY**  
**1/2-1** **REVERE, MA 02151**  
**0.996 mi.**  
**5260 ft.** **Site 1 of 2 in cluster AX**

**SHWS** **S105914105**  
**RELEASE** **N/A**  
**LEAD**

**Relative:**  
**Lower**

SHWS:

Release Tracking Number/Current Status: 3-0022793 / RAO  
Release Town: REVERE  
Notification Date: 04/18/2003  
Category: TWO HR  
Associated ID: Not reported  
**Current Status:** **Response Action Outcome**  
Status Date: 08/13/2003  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil Or Haz Material: Oil  
Location Type: COMMERCIAL  
Source: VEHICLE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: TPH  
Quantity: 10 gallons  
Chemical: GASOLINE  
Quantity: 10 gallons  
Chemical: GASOLINE  
Quantity: 15 gallons

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 4/18/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/18/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S105914105**

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 4/30/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/23/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 6/23/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/13/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status: 3-0022793 / RAO  
Primary ID: Not reported  
Official City: REVERE  
Notification: 04/18/2003  
Category: TWO HR  
Status Date: 08/13/2003  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 4/18/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/18/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 4/30/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S105914105**

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/23/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 6/23/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/13/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
Chemical: TPH  
Quantity: 10 gallons  
Chemical: GASOLINE  
Quantity: 10 gallons  
Chemical: GASOLINE  
Quantity: 15 gallons  
Location Type: COMMERCIAL  
Source: VEHICLE

LEAD:  
Community: Revere  
Unit: 2  
Inspector Name: Mel Blackman  
Inspector License Number: 1377  
Activity Type: INSPECT  
Activity Date: 08/15/2014  
Start Work Date: Not reported  
Activity Descriptions: Comprehensive Initial Inspection  
Outcomes: No Hazards Found

Community: Revere  
Unit: 2  
Inspector Name: Mel Blackman  
Inspector License Number: 1377  
Activity Type: COMPLIANCE  
Activity Date: 08/15/2014  
Start Work Date: Not reported  
Activity Descriptions: Letter of Full Initial Insp Comp  
Outcomes: Issued

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AX161**      **NO LOCATION AID**  
**West**      **529 BROADWAY**  
**1/2-1**      **REVERE, MA**  
**0.996 mi.**  
**5260 ft.**      **Site 2 of 2 in cluster AX**

**RGA HWS**      **S115037098**  
                          **N/A**

<b>Relative:</b>	RGA HWS:			
<b>Lower</b>		2012	NO LOCATION AID	529 BROADWAY
		2011	NO LOCATION AID	529 BROADWAY
<b>Actual:</b>		2010	NO LOCATION AID	529 BROADWAY
<b>8 ft.</b>		2009	NO LOCATION AID	529 BROADWAY
		2008	NO LOCATION AID	529 BROADWAY
		2007	NO LOCATION AID	529 BROADWAY
		2006	NO LOCATION AID	529 BROADWAY
		2005	NO LOCATION AID	529 BROADWAY
		2004	NO LOCATION AID	529 BROADWAY
		2003	NO LOCATION AID	529 BROADWAY

Count: 18 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
REVERE	S106775772	ABOVE COPELAND CIRCLE	RTE 1 NORTH BOUND	02151	SHWS, RELEASE
REVERE	S108859053	POLE NUMBER 563	ADJACENT TO 100 SCHOOL ST		SHWS, RELEASE
REVERE	S108858921	JUNKYARD	BROADWAY RTE 107 AND WARD ST	02151	SHWS, INST CONTROL, RELEASE
REVERE	S110303677	UTILITY POLE 2284	CLEVELAND ST		SHWS, RELEASE
REVERE	S105200091	INTERVALE ST	GLENDALE ST LOTS A B C	02151	SHWS, RELEASE
REVERE	S108476950	POLE NUMBER #3290	OFF RAILROAD ST	02151	SHWS, RELEASE
REVERE	S101023082	FMR REVERE BEACH BATHHOUSE	REVERE BEACH BLVD	02151	LUST, RELEASE
REVERE	S113882670	BETWEEN BEACHLAND AVE AND AGAWAM S	NORTH SHORE ROAD	02151	SHWS, RELEASE
REVERE	S109489939	UTILITY POLE NO 3053 RTE 1A	NORTH SHORE RD	02151	SHWS, RELEASE
REVERE	S109489627	NO LOCATION AID	SQUIRE RD	02151	SHWS, RELEASE
REVERE	S106030309	ADJACENT SUFFOLK DOWNS	TOMASELLO RD	02151	SHWS, INST CONTROL, RELEASE
REVERE	S106030306	ADJACENT TO SUFFOLK DOWNS	TOMASELLO RD	02151	SHWS, INST CONTROL, RELEASE
REVERE	S105596480	UTILITY POLENO 1486	WAITE ST	02151	SHWS, RELEASE
REVERE	S118337375	ELECTRICAL TRANSFORMER PAD NO. 3	135-145 WARD STREET	02151	SHWS, RELEASE
REVERE	S118421840	NO LOCATION AID	WARD STREET	02151	SHWS, RELEASE
REVERE	S108859144	VACANT LAND	WARD ST	02151	SHWS, BROWNFIELDS, RELEASE
REVERE	S102086944	POLE #66	WASHINGTON ST ACROSS FROM #772	02151	SHWS, RELEASE
REVERE	S116687230	NO LOCATION AID	200 WINTHROP AVENUE	02151	SHWS, RELEASE



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

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

## STANDARD ENVIRONMENTAL RECORDS

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

#### NPL: National Priority List

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

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 04/07/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/17/2017
	Data Release Frequency: Quarterly

#### NPL Site Boundaries

##### Sources:

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 04/07/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/17/2017
	Data Release Frequency: Quarterly

#### NPL LIENS: Federal Superfund Liens

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 04/07/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/17/2017
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

### FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/07/2017
Number of Days to Update: 92	Next Scheduled EDR Contact: 07/17/2017
	Data Release Frequency: Varies

### SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

### SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

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

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2016	Source: EPA
Date Data Arrived at EDR: 12/28/2016	Telephone: 800-424-9346
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

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

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (888) 372-7341
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

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

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (888) 372-7341
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (888) 372-7341
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

## RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 12/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2016	Telephone: (888) 372-7341
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/02/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

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

### LUCIS: Land Use Control Information System

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

Date of Government Version: 12/28/2016	Source: Department of the Navy
Date Data Arrived at EDR: 01/04/2017	Telephone: 843-820-7326
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 02/13/2017
Number of Days to Update: 93	Next Scheduled EDR Contact: 05/29/2017
	Data Release Frequency: Varies

### 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: 11/15/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/29/2016	Telephone: 703-603-0695
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 02/28/2017
Number of Days to Update: 66	Next Scheduled EDR Contact: 06/12/2017
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 11/15/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/29/2016	Telephone: 703-603-0695
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 02/28/2017
Number of Days to Update: 66	Next Scheduled EDR Contact: 06/12/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 09/26/2016  
Date Data Arrived at EDR: 09/29/2016  
Date Made Active in Reports: 11/11/2016  
Number of Days to Update: 43

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 03/29/2017  
Next Scheduled EDR Contact: 07/10/2017  
Data Release Frequency: Annually

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

### SHWS: Site Transition List

Contains information on releases of oil and hazardous materials that have been reported to DEP.

Date of Government Version: 10/11/2016  
Date Data Arrived at EDR: 10/13/2016  
Date Made Active in Reports: 12/23/2016  
Number of Days to Update: 71

Source: Department of Environmental Protection  
Telephone: 617-292-5990  
Last EDR Contact: 01/11/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Quarterly

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

### SWF/LF: Solid Waste Facility Database/Transfer Stations

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: 01/31/2016  
Date Data Arrived at EDR: 04/07/2016  
Date Made Active in Reports: 04/21/2016  
Number of Days to Update: 14

Source: Department of Environmental Protection  
Telephone: 617-292-5989  
Last EDR Contact: 04/05/2017  
Next Scheduled EDR Contact: 07/17/2017  
Data Release Frequency: Quarterly

### LF PROFILES: Landfill Profiles Listing

This spreadsheet describes landfills that have actively accepted waste or have closed under MassDEP Solid Waste Regulations first adopted in 1971 (310 CMR 16.00 and 310 CMR 19.00). The list does not include landfills that closed before 1971 (and which never had a MassDEP permit or approval), or for which agency data is incomplete.

Date of Government Version: 07/01/2015  
Date Data Arrived at EDR: 10/27/2015  
Date Made Active in Reports: 12/14/2015  
Number of Days to Update: 48

Source: Department of Environmental Protection  
Telephone: 617-292-5868  
Last EDR Contact: 04/07/2017  
Next Scheduled EDR Contact: 07/17/2017  
Data Release Frequency: Varies

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

### LAST: Leaking Aboveground Storage Tank Sites

Sites within the Releases Database that have a AST listed as its source.

Date of Government Version: 10/11/2016  
Date Data Arrived at EDR: 10/13/2016  
Date Made Active in Reports: 12/23/2016  
Number of Days to Update: 71

Source: Department of Environmental Protection  
Telephone: 617-292-5500  
Last EDR Contact: 01/11/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST: Leaking Underground Storage Tank Listing

Sites within the Leaking Underground Storage Tank Listing that have a UST listed as its source.

Date of Government Version: 10/11/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/13/2016	Telephone: 617-292-5990
Date Made Active in Reports: 12/23/2016	Last EDR Contact: 01/11/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Quarterly

## INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/17/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 04/27/2016	Telephone: 312-886-7439
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/19/2016	Telephone: 214-665-6597
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 105	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/08/2017
	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: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/08/2017
	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: 10/13/2015	Source: EPA Region 8
Date Data Arrived at EDR: 10/23/2015	Telephone: 303-312-6271
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 118	Next Scheduled EDR Contact: 05/08/2017
	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: 10/09/2015	Source: EPA Region 7
Date Data Arrived at EDR: 02/12/2016	Telephone: 913-551-7003
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 112	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/24/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

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

FEMA UST: Underground Storage Tank Listing  
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 01/23/2017
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Varies

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

Date of Government Version: 11/10/2016	Source: Department of Fire Services, Office of the Public Safety
Date Data Arrived at EDR: 11/18/2016	Telephone: 617-556-1035
Date Made Active in Reports: 12/23/2016	Last EDR Contact: 01/17/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Database  
Registered Aboveground Storage Tanks.

Date of Government Version: 10/22/2009	Source: Department of Public Safety
Date Data Arrived at EDR: 10/28/2009	Telephone: 617-556-1035
Date Made Active in Reports: 11/06/2009	Last EDR Contact: 01/12/2017
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/01/2017
	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: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 119	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/08/2017
	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: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 01/26/2017
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/08/2017
	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: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 120	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

### INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

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

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

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

### INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-9424
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/24/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

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

#### INST CONTROL: Sites With Activity and Use Limitation

Activity and Use Limitations establish limits and conditions on the future use of contaminated property, and therefore allow cleanups to be tailored to these uses.

Date of Government Version: 10/11/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/13/2016	Telephone: 617-292-5990
Date Made Active in Reports: 12/23/2016	Last EDR Contact: 01/11/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Quarterly

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

#### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/27/2017
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/10/2017
	Data Release Frequency: Varies

#### INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

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

#### BROWNFIELDS: Completed Brownfields Covenants Listing

Under Massachusetts law, M.G.L. c. 21E is the statute that governs the cleanup of releases of oil and/or hazardous material to the environment. The Brownfields Act of 1998 amended M.G.L. c. 21E by establishing significant liability relief and financial incentives to spur the redevelopment of brownfields, while ensuring that the Commonwealth's environmental standards are met. Most brownfields are redeveloped with the benefit of liability protections that operate automatically under M.G.L. c. 21E.

Date of Government Version: 12/31/2015	Source: Office of the Attorney General
Date Data Arrived at EDR: 02/04/2016	Telephone: 617-963-2423
Date Made Active in Reports: 04/01/2016	Last EDR Contact: 02/03/2017
Number of Days to Update: 57	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Annually

#### BROWNFIELDS 2: Potential Brownfields Listing

A listing of potential brownfields site locations in the state.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/13/2016  
Date Data Arrived at EDR: 05/24/2016  
Date Made Active in Reports: 07/19/2016  
Number of Days to Update: 56

Source: Department of Environmental Protection  
Telephone: 617-556-1007  
Last EDR Contact: 02/08/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

## ADDITIONAL ENVIRONMENTAL RECORDS

### ***Local Brownfield lists***

#### US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 03/02/2017  
Date Data Arrived at EDR: 03/02/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 36

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 03/02/2017  
Next Scheduled EDR Contact: 07/03/2017  
Data Release Frequency: Semi-Annually

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

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 10/31/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

#### ODI: Open Dump Inventory

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

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

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

#### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: No Update Planned

#### IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 01/30/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

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

### **US HIST CDL: National Clandestine Laboratory Register**

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/30/2016  
Date Data Arrived at EDR: 01/05/2017  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 36

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/28/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: No Update Planned

### **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: 09/30/2016  
Date Data Arrived at EDR: 12/05/2016  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 67

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/28/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: Quarterly

## **Local Land Records**

### **LIENS: Liens Information Listing**

A listing of environmental liens.

Date of Government Version: 02/24/2014  
Date Data Arrived at EDR: 02/27/2014  
Date Made Active in Reports: 03/14/2014  
Number of Days to Update: 15

Source: Department of Environmental Protection  
Telephone: 617-292-5628  
Last EDR Contact: 02/21/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Varies

### **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: 01/24/2017  
Next Scheduled EDR Contact: 05/08/2017  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/28/2016  
Date Data Arrived at EDR: 12/28/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 37

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 03/29/2017  
Next Scheduled EDR Contact: 07/10/2017  
Data Release Frequency: Annually

## RELEASE: Reportable Releases

Contains information on all releases of oil and hazardous materials that have been reported to DEP

Date of Government Version: 10/11/2016  
Date Data Arrived at EDR: 10/13/2016  
Date Made Active in Reports: 12/23/2016  
Number of Days to Update: 71

Source: Department of Environmental Protection  
Telephone: 617-292-5990  
Last EDR Contact: 01/11/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Quarterly

## MA SPILLS: Historical Spill List

The Spills Database was the release notification tracking system for spills that occurred prior to October 1, 1993. This information should be considered to be primarily of historical interest since all of the listed spills have either been cleaned up or assigned new tracking numbers and moved to the Reportable Releases or Sites Transition List databases.

Date of Government Version: 09/30/1993  
Date Data Arrived at EDR: 12/03/2003  
Date Made Active in Reports: 12/31/2003  
Number of Days to Update: 28

Source: Department of Environmental Protection  
Telephone: 617-292-5720  
Last EDR Contact: 12/03/2003  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## **Other Ascertainable Records**

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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: 12/12/2016  
Date Data Arrived at EDR: 12/28/2016  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 44

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 03/02/2017  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Varies

### FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015  
Date Data Arrived at EDR: 07/08/2015  
Date Made Active in Reports: 10/13/2015  
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 02/24/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Varies

### DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 01/13/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/13/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: N/A

## 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: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 02/03/2017
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/29/2017
	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: 10/11/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2016	Telephone: 202-566-1917
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 02/15/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/29/2017
	Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 02/03/2017
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/22/2017
	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 of Government Version: 04/22/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 02/10/2017
Number of Days to Update: 6	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012	Source: EPA
Date Data Arrived at EDR: 01/15/2015	Telephone: 202-260-5521
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 03/24/2017
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/03/2017
	Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 11/24/2015	Telephone: 202-566-0250
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 02/24/2017
Number of Days to Update: 133	Next Scheduled EDR Contact: 06/05/2017
	Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 03/09/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Annually

## ROD: Records Of Decision

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

Date of Government Version: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 03/06/2017
Number of Days to Update: 74	Next Scheduled EDR Contact: 06/19/2017
	Data Release Frequency: Annually

## RMP: Risk Management Plans

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/09/2017	Telephone: 202-564-8600
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 01/23/2017
Number of Days to Update: 57	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

## 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

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 02/10/2017
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/22/2017
	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: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 01/13/2017
Number of Days to Update: 127	Next Scheduled EDR Contact: 04/24/2017
	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: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-5088
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/09/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/17/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/05/2017
	Data Release Frequency: Quarterly

**FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 02/17/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/05/2017
	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: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 02/03/2017
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Quarterly

**COAL ASH DOE: Steam-Electric Plant 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: 03/06/2017
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/19/2017
	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: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 03/06/2017
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/19/2017
	Data Release Frequency: Varies

**PCB TRANSFORMER: PCB Transformer Registration Database**

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

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/29/2016
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

**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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/04/2017  
Date Data Arrived at EDR: 01/06/2017  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 35

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 04/06/2017  
Next Scheduled EDR Contact: 07/17/2017  
Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

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

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

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

## DOT OPS: Incident and Accident Data

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

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

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 02/01/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

## CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 09/30/2016  
Date Data Arrived at EDR: 11/18/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 03/27/2017  
Next Scheduled EDR Contact: 07/10/2017  
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: 12/31/2013  
Date Data Arrived at EDR: 02/24/2015  
Date Made Active in Reports: 09/30/2015  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 02/22/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Biennially

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 01/13/2017
Number of Days to Update: 546	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016	Source: Department of Energy
Date Data Arrived at EDR: 12/27/2016	Telephone: 202-586-3559
Date Made Active in Reports: 02/17/2017	Last EDR Contact: 02/03/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 02/21/2017
Number of Days to Update: 146	Next Scheduled EDR Contact: 06/05/2017
	Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/05/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8787
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 04/07/2017
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/17/2017
	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	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 03/07/2017  
Next Scheduled EDR Contact: 07/10/2017  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 03/07/2017  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

## US MINES: Mines Master Index File

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

Date of Government Version: 02/08/2017  
Date Data Arrived at EDR: 02/28/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 38

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 02/28/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 03/03/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 03/03/2017  
Next Scheduled EDR Contact: 06/12/2017  
Data Release Frequency: Varies

## 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: 07/15/2016  
Date Data Arrived at EDR: 09/07/2016  
Date Made Active in Reports: 11/11/2016  
Number of Days to Update: 65

Source: EPA  
Telephone: (617) 918-1111  
Last EDR Contact: 04/07/2017  
Next Scheduled EDR Contact: 06/19/2017  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015	Source: Department of Defense
Date Data Arrived at EDR: 01/29/2016	Telephone: 571-373-0407
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 01/20/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Varies

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2016	Telephone: 202-564-0527
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 02/24/2017
Number of Days to Update: 91	Next Scheduled EDR Contact: 06/12/2017
	Data Release Frequency: Varies

## AIRS: Permitted Facilities Listing

A listing of Air Quality permit applications.

Date of Government Version: 10/18/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/21/2016	Telephone: 617-292-5789
Date Made Active in Reports: 12/23/2016	Last EDR Contact: 01/17/2017
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Varies

## DRYCLEANERS: Regulated Drycleaning Facilities

A listing of Department of Environmental Protection regulated drycleaning facilities that use perchloroethylene under the Environmental Results Program.

Date of Government Version: 07/07/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/12/2016	Telephone: 617-292-5633
Date Made Active in Reports: 07/19/2016	Last EDR Contact: 01/17/2017
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Varies

## ENFORCEMENT: Enforcement Action Cases

A listing of enforcement action cases tracked by Department of Environmental Protection programs, including Solid Waste and Hazardous Waste.

Date of Government Version: 11/11/2016	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/18/2016	Telephone: 617-292-5979
Date Made Active in Reports: 12/23/2016	Last EDR Contact: 01/30/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/01/2010	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/23/2010	Telephone: 617-292-5970
Date Made Active in Reports: 02/03/2011	Last EDR Contact: 03/13/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/26/2017
	Data Release Frequency: Varies

## Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tanks. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/21/2011  
Date Data Arrived at EDR: 10/25/2011  
Date Made Active in Reports: 11/18/2011  
Number of Days to Update: 24

Source: Office of State Fire Marshal  
Telephone: 978-567-3100  
Last EDR Contact: 01/17/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: Quarterly

## Financial Assurance 3: Financial Assurance Information listing

Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 10/01/2014  
Date Data Arrived at EDR: 10/30/2014  
Date Made Active in Reports: 11/10/2014  
Number of Days to Update: 11

Source: Department of Environmental Protection  
Telephone: 617-292-5970  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Varies

## GWDP: Ground Water Discharge Permits

The Ground Water Discharge Permits datalayer (formerly known as Groundwater Discharge Points) is a statewide point dataset containing approximate locations of permitted discharges to groundwater.

Date of Government Version: 03/10/2016  
Date Data Arrived at EDR: 08/02/2016  
Date Made Active in Reports: 10/04/2016  
Number of Days to Update: 63

Source: MassGIS  
Telephone: 617-556-1150  
Last EDR Contact: 02/03/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

## HW GEN: List of Massachusetts Hazardous Waste Generators

Permanent generator identification numbers for all Massachusetts generators of hazardous waste and waste oil that have registered with or notified MassDEP of their hazardous waste activities.

Date of Government Version: 09/21/2016  
Date Data Arrived at EDR: 09/27/2016  
Date Made Active in Reports: 12/23/2016  
Number of Days to Update: 87

Source: Department of Environmental Protection  
Telephone: 617-292-5500  
Last EDR Contact: 12/28/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Semi-Annually

## LEAD: Lead Inspection Database

The Massachusetts Childhood Lead Poisoning Prevention Program data of lead inspection for the state.

Date of Government Version: 07/09/2015  
Date Data Arrived at EDR: 07/15/2015  
Date Made Active in Reports: 08/04/2015  
Number of Days to Update: 20

Source: Department of Health & Human Services, Childhood Lead Poisoning Prevention Program  
Telephone: 617-624-5757  
Last EDR Contact: 04/03/2017  
Next Scheduled EDR Contact: 07/17/2017  
Data Release Frequency: Varies

## MERCURY: Mercury Product Recycling Drop-Off Locations Listing

A listing of locations, collecting and recycling for mercury-added products. Mercury is toxic to the human nervous system, as well as fish and animals. Mercury can enter the body either through skin absorption or through inhalation of mercury vapors. At room temperature, small beads of mercury will vaporize.

Date of Government Version: 06/06/2016  
Date Data Arrived at EDR: 06/09/2016  
Date Made Active in Reports: 07/19/2016  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: 617-292-5632  
Last EDR Contact: 02/21/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Varies

## NPDES: NPDES Permit Listing

Listing of treatment plants in Massachusetts that hold permits to discharge to groundwater.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/22/2016  
Date Data Arrived at EDR: 08/17/2016  
Date Made Active in Reports: 10/04/2016  
Number of Days to Update: 48

Source: Department of Environmental Protection  
Telephone: 508-767-2781  
Last EDR Contact: 02/17/2017  
Next Scheduled EDR Contact: 05/29/2017  
Data Release Frequency: Varies

## TIER 2: Tier 2 Information Listing

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

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 05/26/2016  
Date Made Active in Reports: 07/19/2016  
Number of Days to Update: 54

Source: Massachusetts Emergency Management Agency  
Telephone: 508-820-2019  
Last EDR Contact: 01/12/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: Annually

## TSD: TSD Facility

List of Licensed Hazardous Waste Treatment, Storage Disposal Facilities (TSDFs) in Massachusetts.

Date of Government Version: 04/01/2015  
Date Data Arrived at EDR: 06/30/2015  
Date Made Active in Reports: 07/10/2015  
Number of Days to Update: 10

Source: Department of Environmental Protection  
Telephone: 617-292-5580  
Last EDR Contact: 03/31/2017  
Next Scheduled EDR Contact: 07/10/2017  
Data Release Frequency: Varies

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 12/11/2016  
Date Data Arrived at EDR: 12/20/2016  
Date Made Active in Reports: 02/17/2017  
Number of Days to Update: 59

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 03/21/2017  
Next Scheduled EDR Contact: 07/03/2017  
Data Release Frequency: Quarterly

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/14/2017  
Date Data Arrived at EDR: 03/17/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 21

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 03/13/2017  
Next Scheduled EDR Contact: 06/26/2017  
Data Release Frequency: Quarterly

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/21/2016  
Date Data Arrived at EDR: 11/22/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 73

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 02/22/2017  
Next Scheduled EDR Contact: 06/05/2017  
Data Release Frequency: Quarterly

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

## EDR Hist Auto: EDR Exclusive Historic Gas Stations

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

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

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

## EDR Hist Cleaner: 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.

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

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

## EDR RECOVERED GOVERNMENT ARCHIVES

### ***Exclusive Recovered Govt. Archives***

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

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

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/24/2013  
Number of Days to Update: 176

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

Date of Government Version: N/A

Date Data Arrived at EDR: 07/01/2013

Date Made Active in Reports: 12/24/2013

Number of Days to Update: 176

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 06/01/2012

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

## OTHER DATABASE(S)

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

### Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

### Electric Power Transmission Line Data

Source: PennWell Corporation

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**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.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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: Wetland Inventory

Source: MassDEP

Telephone: 617-292-5907

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

### **STREET AND ADDRESS INFORMATION**

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## GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

MBTA WONDERLAND STATION PARKING LOT  
400 OCEAN AVENUE  
REVERE, MA 02151

### TARGET PROPERTY COORDINATES

Latitude (North):	42.411919 - 42° 24' 42.91"
Longitude (West):	70.990795 - 70° 59' 26.86"
Universal Transverse Mercator:	Zone 19
UTM X (Meters):	336187.1
UTM Y (Meters):	4697218.5
Elevation:	9 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	5642638 LYNN, MA
Version Date:	2012
Northwest Map:	5646197 BOSTON NORTH, MA
Version Date:	2012

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

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

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

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



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

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

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

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
25009C0536G	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
25009C0517G	FEMA FIRM Flood data
25017C0442E	FEMA FIRM Flood data
25025C0036G	FEMA FIRM Flood data
25025C0019G	FEMA FIRM Flood data
25025C0038G	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u> WEST HALF OF LYNN	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
---	---

## HYDROGEOLOGIC INFORMATION

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

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
5	1/2 - 1 Mile SSW	SW
8	1/2 - 1 Mile NNE	SSW
9	1/2 - 1 Mile NW	E

For additional site information, refer to Physical Setting Source Map Findings.

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

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

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

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

#### **ROCK STRATIGRAPHIC UNIT**

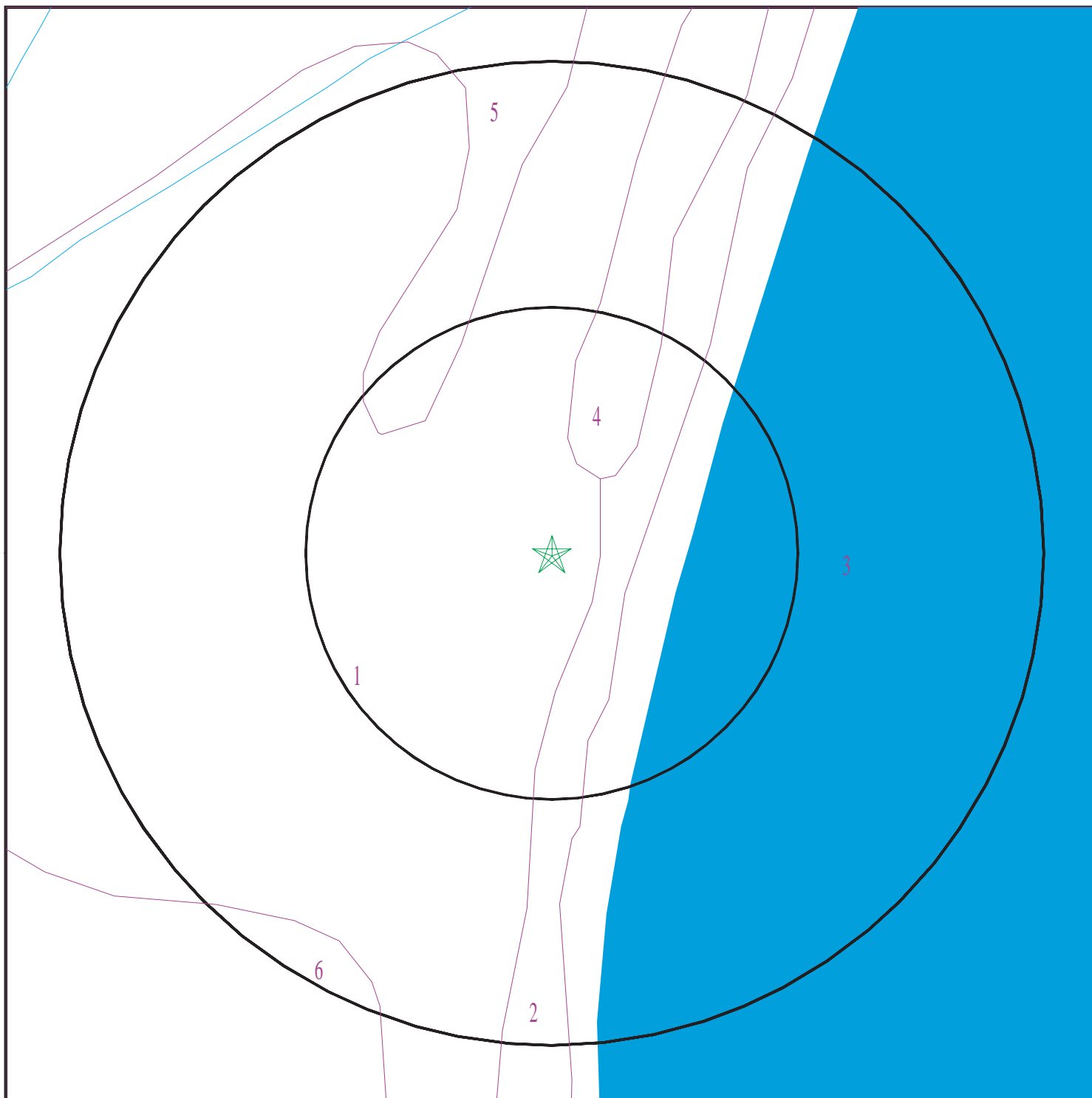
Era:	Paleozoic
System:	Cambrian
Series:	Cambrian
Code:	Ce <i>(decoded above as Era, System &amp; Series)</i>

#### **GEOLOGIC AGE IDENTIFICATION**

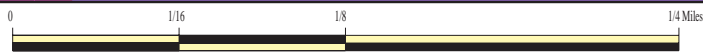
Category: Eugeosynclinal Deposits

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

# SSURGO SOIL MAP - 04902327.2r



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: MBTA Wonderland Station Parking Lot  
ADDRESS: 400 Ocean Avenue  
Revere MA 02151  
LAT/LONG: 42.411919 / 70.990795

CLIENT: EBI Consulting  
CONTACT: Production Manager  
INQUIRY #: 04902327.2r  
DATE: April 10, 2017 12:09 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

---

#### Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:  
Hydrologic Group: Not reported

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.

---

#### Soil Map ID: 2

Soil Component Name: Beaches

Soil Surface Texture:  
Hydrologic Group: Not reported

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.

---

#### Soil Map ID: 3

Soil Component Name: Water

Soil Surface Texture:  
Hydrologic Group: Not reported

Soil Drainage Class:

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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: 4

Soil Component Name: Udorthents

Soil Surface Texture: variable

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:  
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	variable	Not reported	Not reported	Max: 141.14 Min: 0.42	Max: Min:
2	5 inches	59 inches	variable	Not reported	Not reported	Max: 141.14 Min: 0.42	Max: Min:

### Soil Map ID: 5

Soil Component Name: Udorthents

Soil Surface Texture: variable

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

### Soil Map ID: 6

Soil Component Name: Merrimac

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	fine sandy loam	Not reported	Not reported	Max: 42.34 Min: 14.11	Max: 6 Min: 3.6
2	18 inches	22 inches	gravelly loamy sand	Not reported	Not reported	Max: 141.14 Min: 14.11	Max: 6 Min: 3.6
3	22 inches	59 inches	sr to sand to very gravelly coarse sand	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000473618	0 - 1/8 Mile WSW
2	USGS40000473583	1/2 - 1 Mile WSW
3	USGS40000473487	1/2 - 1 Mile South
4	USGS40000473550	1/2 - 1 Mile WSW
6	USGS40000473403	1/2 - 1 Mile South

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

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

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

## **STATE DATABASE WELL INFORMATION**
















<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
7	MA8000000000930	1/2 - 1 Mile SSW

## OTHER STATE DATABASE INFORMATION

<u>ACEC ID</u>	<u>AREA NAME</u>
13	RUMNEY MARSHES

# PHYSICAL SETTING SOURCE MAP - 04902327.2r



-  County Boundary
-  Major Roads
-  Contour Lines
-  Airports
-  Earthquake epicenter, Richter 5 or greater
-  Water Wells
-  Public Water Supply Wells
-  Cluster of Multiple Icons
-  Groundwater Flow Direction
-  Indeterminate Groundwater Flow at Location
-  Groundwater Flow Varies at Location
-  Potentially Productive Aquifers
-  Not Potentially Productive Aquifers
-  DEP Approved Zone IIs
-  EPA Designated Sole Src. Aq.

<p><b>SITE NAME:</b> MBTA Wonderland Station Parking Lot  <b>ADDRESS:</b> 400 Ocean Avenue                  Revere MA 02151  <b>LAT/LONG:</b> 42.411919 / 70.990795</p>	<p><b>CLIENT:</b> EBI Consulting  <b>CONTACT:</b> Production Manager  <b>INQUIRY #:</b> 04902327.2r  <b>DATE:</b> April 10, 2017 12:08 pm</p>
---	---

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
**WSW**  
**0 - 1/8 Mile**  
**Higher**

**FED USGS      USGS40000473618**

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-422441070593401		
Monloc name:	MA-RDB 9		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	42.4114859
Longitude:	-70.9922721	Sourcemap scale:	Not Reported
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1954	Welldepth:	40
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**2**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000473583**

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-422434071000501		
Monloc name:	MA-RDB 16		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	42.4095414
Longitude:	-71.0008834	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	25.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	16
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

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

**FED USGS      USGS40000473487**

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-422414070593201		
Monloc name:	MA-RDB 10		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	42.403986
Longitude:	-70.9917164	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1954	Welldepth:	43
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**4**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000473550**

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-422426071001101		
Monloc name:	MA-RDB 6		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	42.4073192
Longitude:	-71.0025501	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	33
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

<b>5</b> <b>SSW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID:	3-0001568	<b>AQUIFLOW</b>	<b>5165</b>
	Groundwater Flow:	SW		
	Water Table Depth:	Shallowest: 12.75 ft. Deepest: 13.17 ft.		
	Date:	10/11/1991		

<b>6</b> <b>South</b> <b>1/2 - 1 Mile</b> <b>Lower</b>			<b>FED USGS</b>	<b>USGS40000473403</b>
---	--	--	-----------------	------------------------

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-422359070592901		
Monloc name:	MA-RDB 8		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	42.3998194
Longitude:	-70.990883	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	5.00
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1932	Welldepth:	35
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 1932-01-01	3.00	

<b>7</b> <b>SSW</b> <b>1/2 - 1 Mile</b> <b>Lower</b>			<b>MA WELLS</b>	<b>MA800000000930</b>
---	--	--	-----------------	-----------------------

Fid:	929	Fac name:	TARGET 1942
Address:	36 FURLONG DR	Town:	REVERE
Region:	Northeast	Rtn:	Not Reported
Hw id:	Not Reported	Sw id:	Not Reported
Sseis id:	0	Npdes id:	Not Reported
Air:	Not Reported	Gwd:	Not Reported
Hwr:	Not Reported	Lqg ma:	Not Reported
Lqg rcra:	Y	Lqtu:	Not Reported
Tsdf:	Not Reported	Swd:	Not Reported
Fac id:	416395	Source id:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Site name:	Not Reported		
Latitude:	0		
Longitude:	0		
Type:	Not Reported	Zii num:	0
Pws id:	Not Reported	Site id:	MA8000000000930

<b>8 NNE 1/2 - 1 Mile Higher</b>	Site ID:	3-0004056	<b>AQUIFLOW</b>	<b>5162</b>
	Groundwater Flow:	SSW		
	Water Table Depth:	Average: 4 ft.		
	Date:	07/07/92		

<b>9 NW 1/2 - 1 Mile Higher</b>	Site ID:	3-0001707	<b>AQUIFLOW</b>	<b>5168</b>
	Groundwater Flow:	E		
	Water Table Depth:	Shallowest: 4.22 ft. Deepest: 5.22 ft.		
	Date:	12/30/1991		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

---

## MA\_ACECS\_ID 13

ACEC ID: 13  
Responsible Agency: CZM  
Designation Date: 8/22/88  
CZM Compliance Date: 9/26/88

Area Name: RUMNEY MARSHES  
Polygon Acreage: 2,363.5  
Secretary who signed: JAMES S. HOYTE  
Region: COASTAL

ACEC ID: 13  
Responsible Agency: CZM  
Designation Date: 8/22/88  
CZM Compliance Date: 9/26/88

Area Name: RUMNEY MARSHES  
Polygon Acreage: 422.3  
Secretary who signed: JAMES S. HOYTE  
Region: COASTAL



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: MA Radon

### Radon Test Results

County	% of sites > 4 pCi/L	Median
SUFFOLK	5	1.2

Federal EPA Radon Zone for SUFFOLK County: 3

- 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: 02151

Number of sites tested: 7

Area	Average Activity	% < 4 pCi/L	% 4-20 pCi/L	% > 20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.471 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

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

Source: United States Geologic Survey

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

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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: Wetland Inventory

Source: MassDEP

Telephone: 617-292-5907

## HYDROGEOLOGIC INFORMATION

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

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

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 Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Massachusetts Geographic Information System (MassGIS) Datalayers

Source: Executive Office of Environmental Affairs

Public Water Supply Database: The Public Water Supply datalayer contains the locations of public community surface and groundwater supply sources and public non-community supply sources as defined in 310 CMR 22.00.

## OTHER STATE DATABASE INFORMATION

Areas of Critical Environmental Concern Datalayer: The Areas of Critical Environmental Concern (ACEC) datalayer shows the location of areas that have been designated ACECs by the Secretary of Environmental Affairs. ACEC designation requires greater environmental review of certain kinds of proposed development under state jurisdiction within the ACEC boundaries. The ACEC Program is administered by the Department of Environmental Management (DEM) on behalf of the Secretary of Environmental Affairs. The Massachusetts Coastal Zone Management (MCZM) Office managed the original Coastal ACEC Program from 1978 to 1993, and continues to play a key role in monitoring coastal ACECs. Procedures for ACEC designation and the general policies governing the effects of designation are contained in the ACEC regulations (301 CMR 12.00). The ACEC datalayer has been compiled by MCZM and DEM and includes both coastal and inland areas.

EPA Designated Sole Source Aquifers Datalayer: The Sole Source Aquifer datalayer was compiled by the Department of Environmental Protection (DEP) Division of Water Supply (DWS). Seven Sole Source Aquifers have been designated by the US Environmental Protection Agency (EPA) for Massachusetts. A Sole Source Aquifer (SSA) is an aquifer designated by US EPA 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 that area and for which there are no reasonably available alternative sources should that aquifer become contaminated. The aquifers were defined by a EPA hydrogeologist.

Aquifers Datalayer: MassGIS produced an aquifer datalayer composed of 20 individual panels, generally based on the boundaries of the major drainage basins. Areas of high and medium yield were mapped. This datalayer includes polygon attribute coding to help in the identification of areas in which cleanup of hazardous waste sites must meet drinking water standards, as defined in the Massachusetts Contingency Plan (MCP) (310 CMR 40.00000).

Non-Potential Drinking Water Source Areas: Non-Potential Drinking Water Source Areas (NPDWSA) are regulatory in nature, representing one of many considerations used in determining the standards to which ground water must be cleaned in the event of a release of oil or hazardous material. NPDWSAs are not based on existing water quality and do not indicate poor ambient conditions.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

DEP Approved Zone IIs Datalayer: The Department of Environmental Protection (DEP) approved Zone IIs datalayer was compiled by the DEP Division of Water Supply (DWS). The database contains 281 approved Zone IIs statewide. As stated in 310 CMR 22.02, a Zone II is "that area of an aquifer which contributes water to a well under the most severe pumping and recharge conditions that can be realistically anticipated (180 days of pumping at safe yield, with no recharge from precipitation.) It is bounded by the groundwater divides which result from pumping the well and by the contact of the aquifer with less permeable materials such as till or bedrock. In some cases, streams or lakes may act as recharge boundaries. In all cases, Zone IIs shall extend up gradient to its point of intersection with prevailing hydrogeologic boundaries (a groundwater flow divide, a contact with till or bedrock, or a recharge boundary)." These data are used in association with the Public Water Supplies datalayer. The following describes certain unique features of this association.

- Any proposed new well which will pump at least 100,000 gallons per day must have a Zone II delineation completed and approved by DEP prior to the well coming on line.
- Additionally, a new source may not be on-line yet, but other, older wells may fall within its Zone II boundary.
- Further, existing wells must have a Zone II delineated as a condition of receiving a water withdrawal permit under the Water Management Act.

## RADON

State Database: MA Radon  
Source: Department of Health  
Telephone: 413-586-7525  
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

### STREET AND ADDRESS INFORMATION

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The use of the Licensed Products with a non-TANA map may result in increased variance between the location displayed on the map and ground truth location.

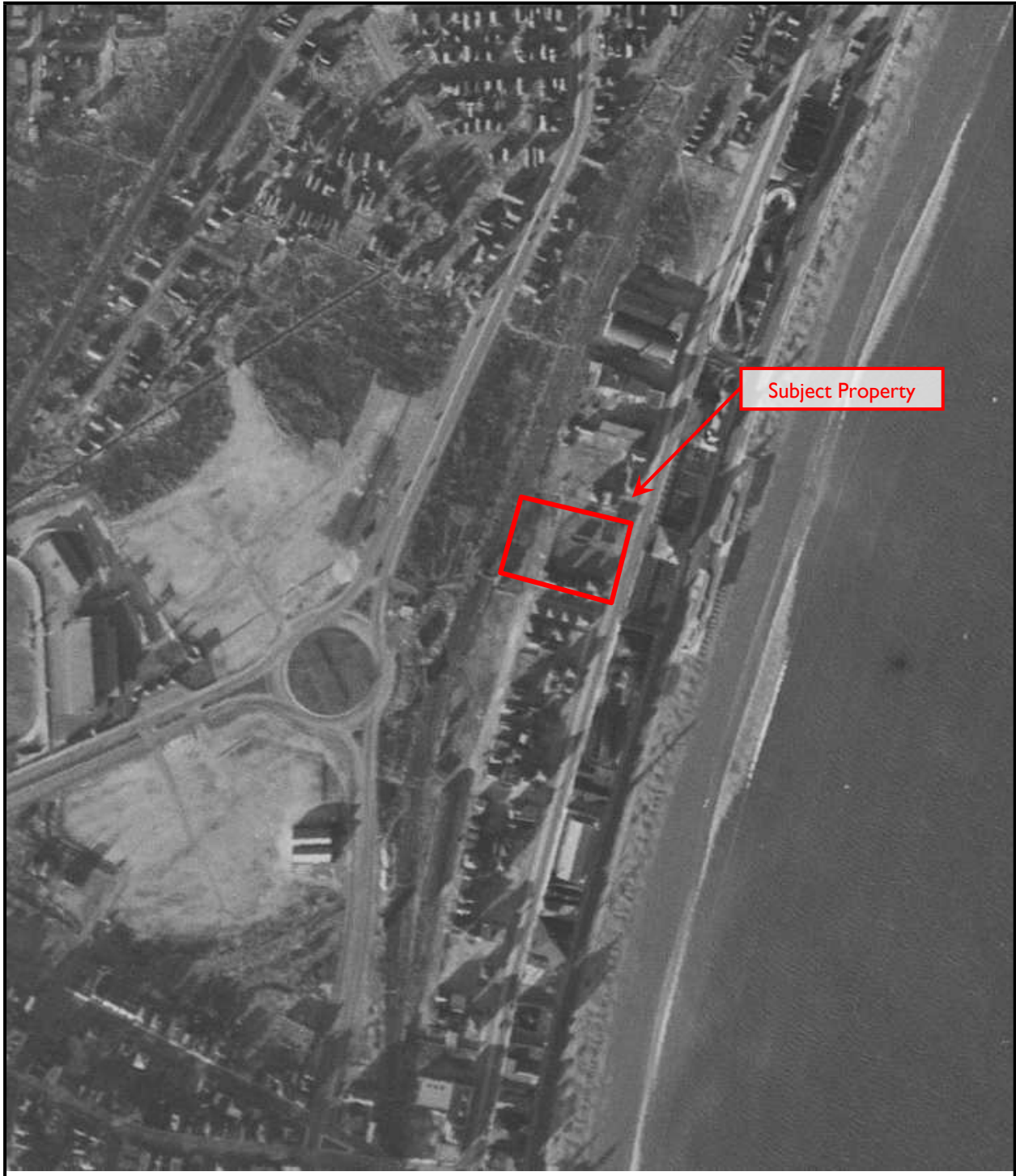
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**APPENDIX F**  
**HISTORICAL DOCUMENTATION**

DRAFT



Aerial Photograph  
Year: 1938





Aerial Photograph  
Year: 1946







Aerial Photograph  
Year: 1952





Aerial Photograph  
Year: 1955





Aerial Photograph  
Year: 1962







Aerial Photograph  
Year: 1969





Aerial Photograph  
Year: 1970





Aerial Photograph  
Year: 1978







Aerial Photograph  
Year: 1980





Aerial Photograph  
Year: 1986







Aerial Photograph  
Year: 1995





Aerial Photograph  
Year: 2008







Aerial Photograph  
Year: 2010

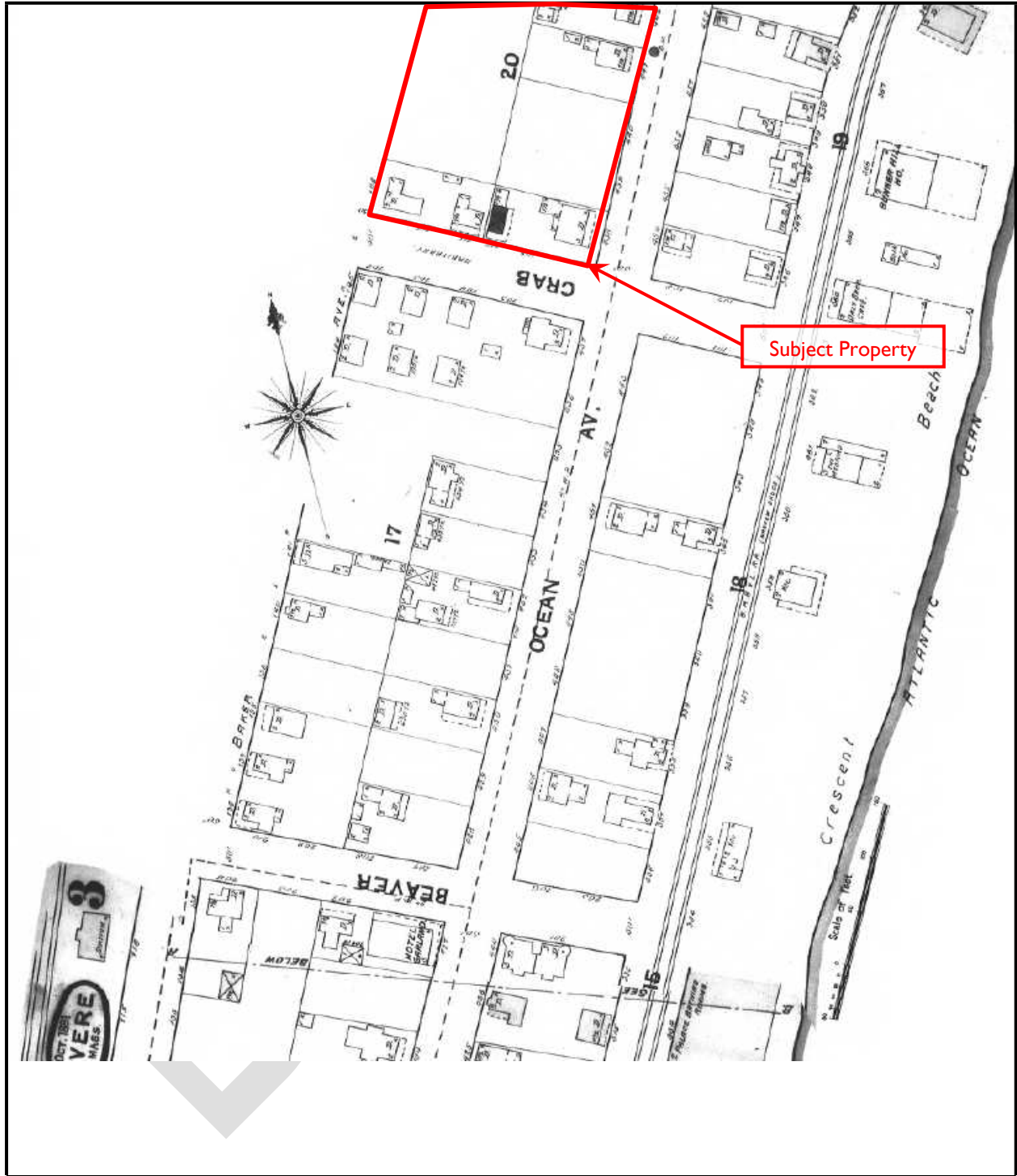




Aerial Photograph  
Year: 2012

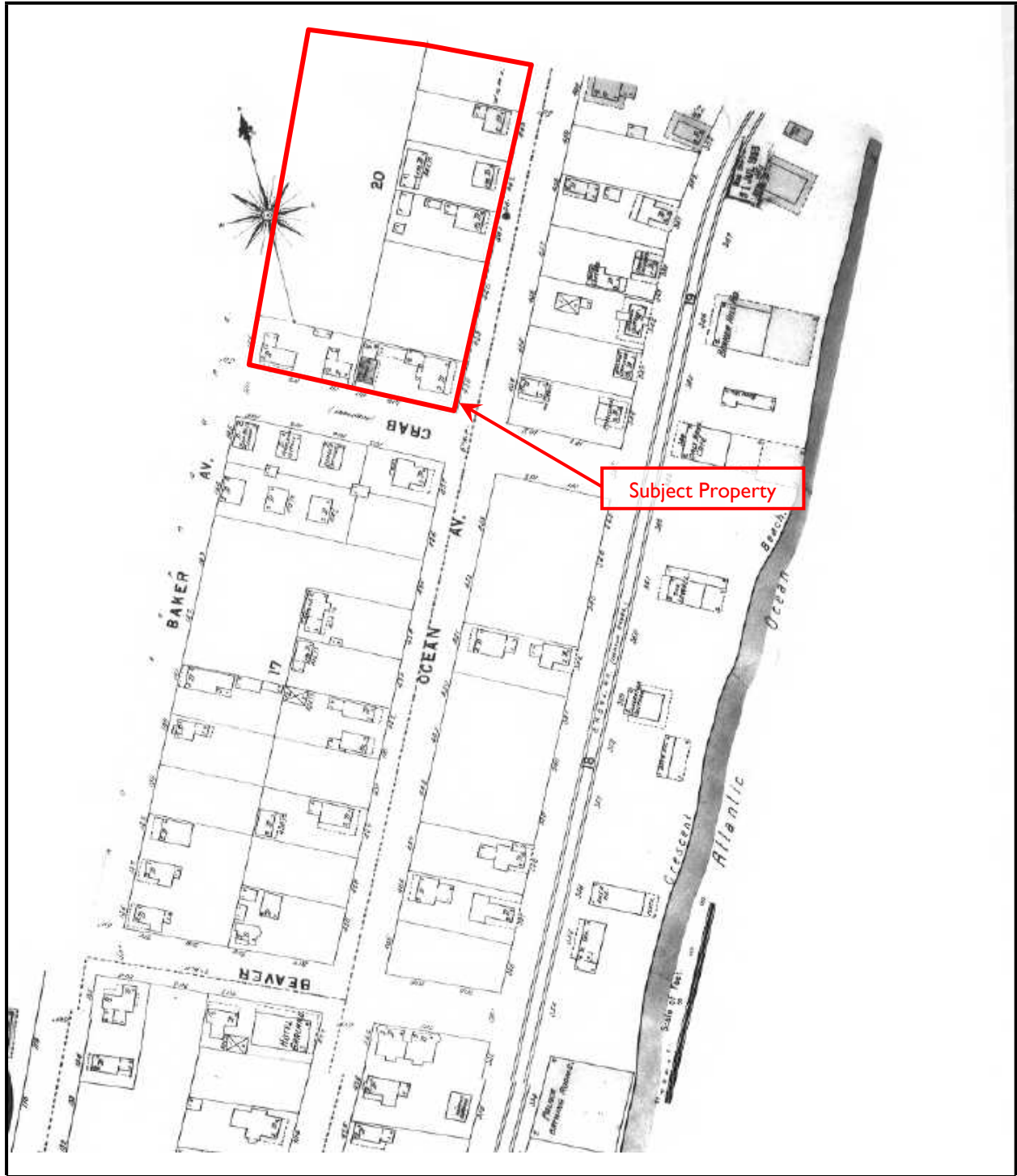






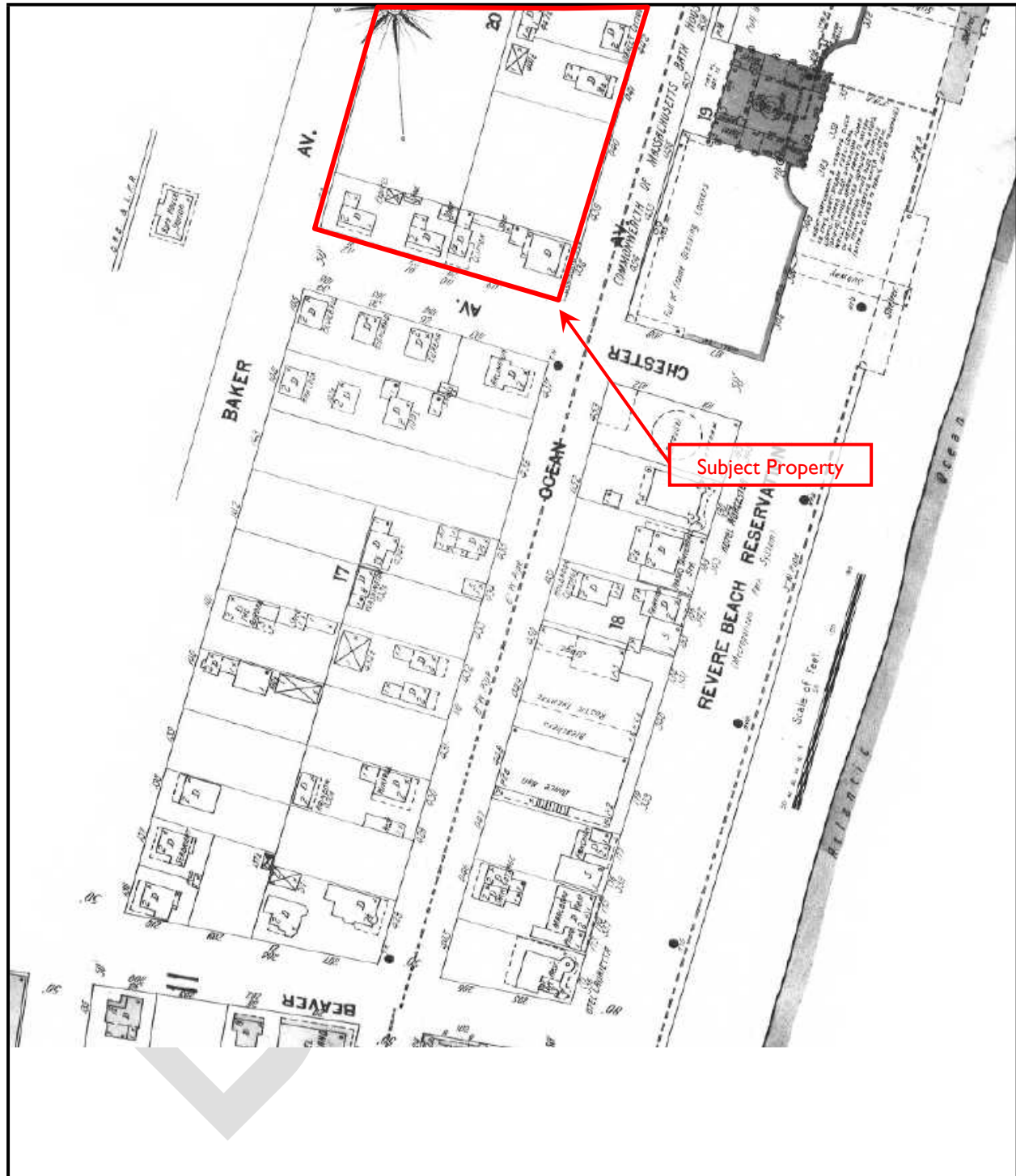
Fire Insurance Map  
Year: 1891





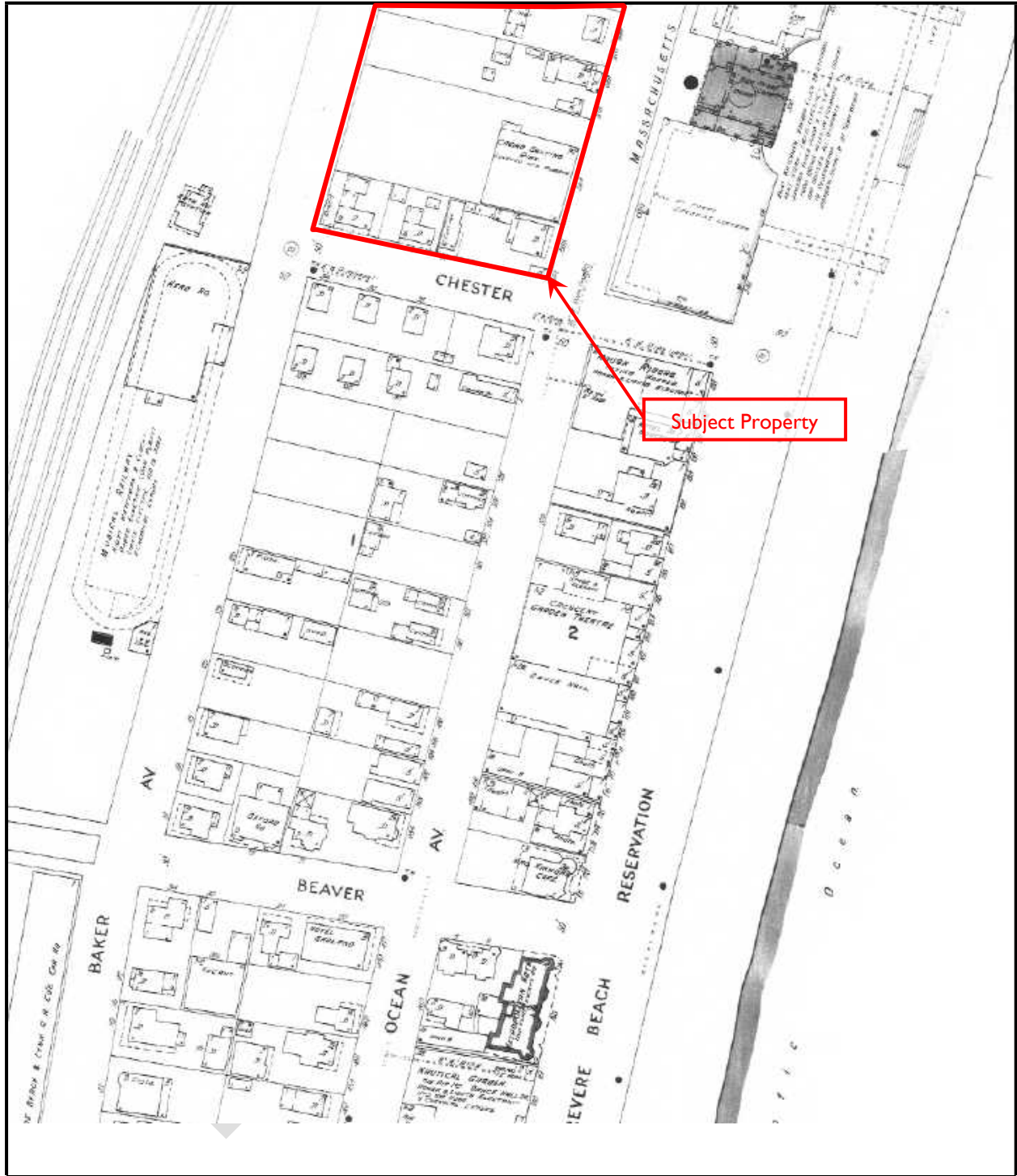
Fire Insurance Map  
Year: 1896





Fire Insurance Map  
Year: 1900

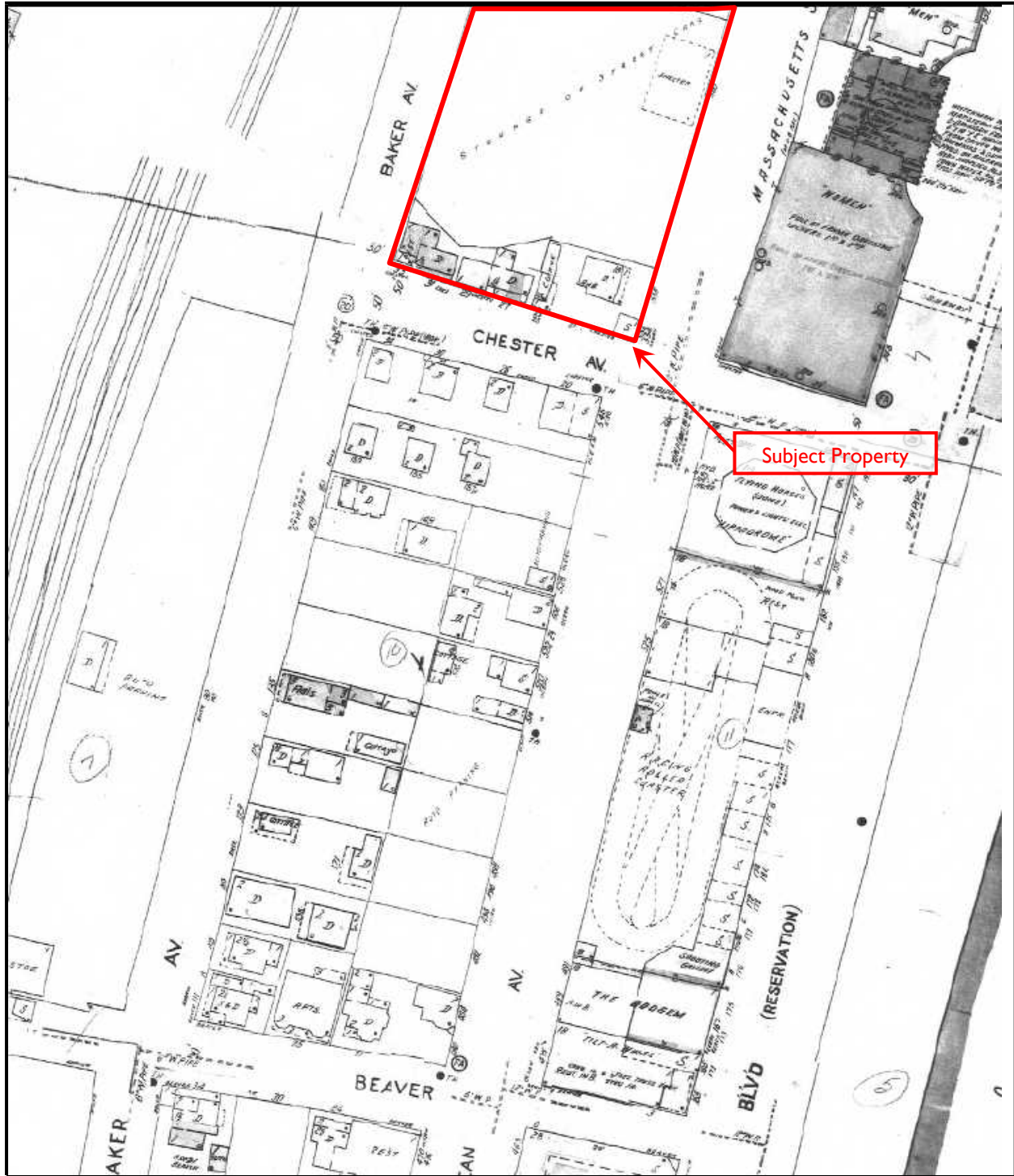




Fire Insurance Map  
Year: 1906

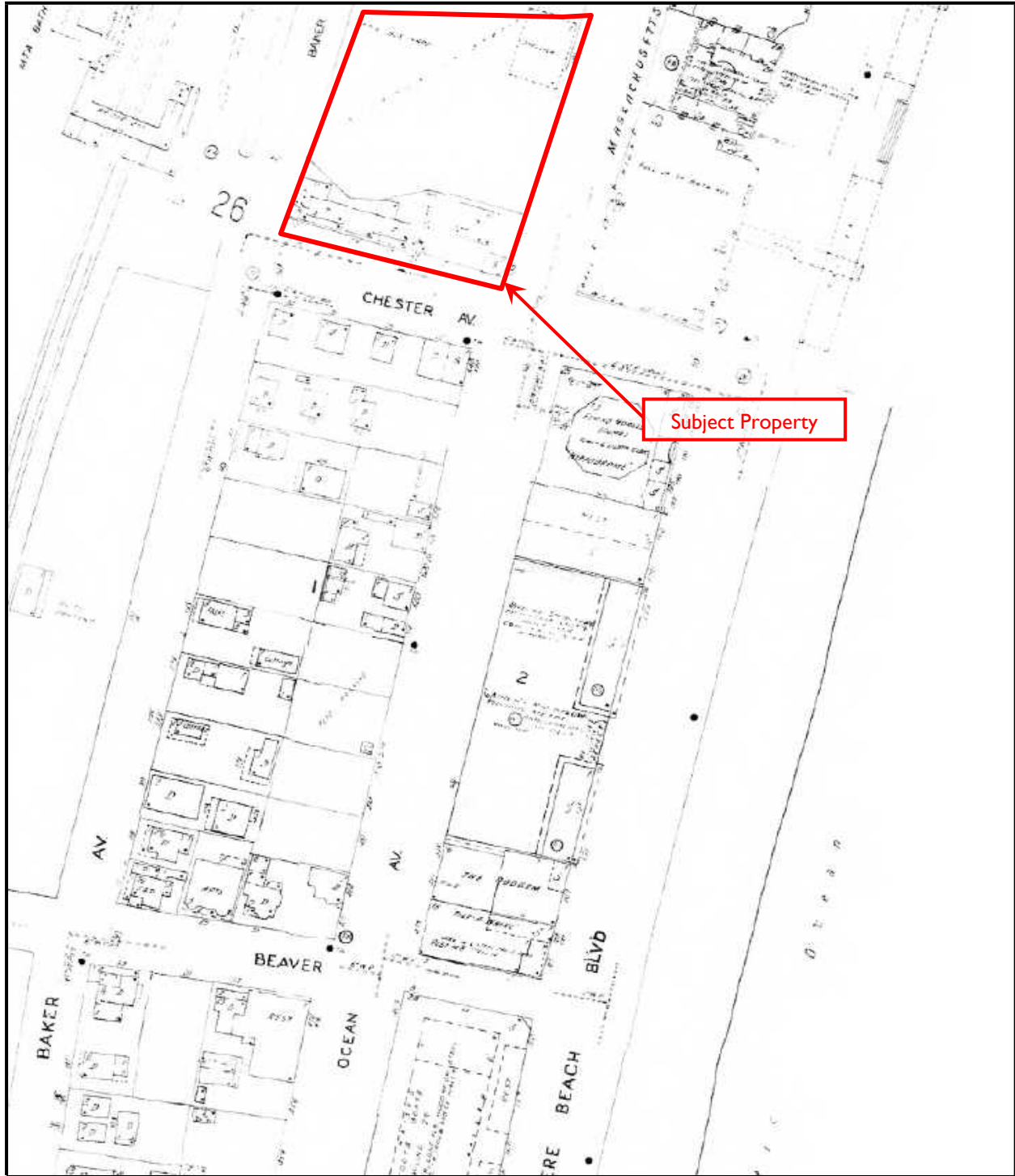






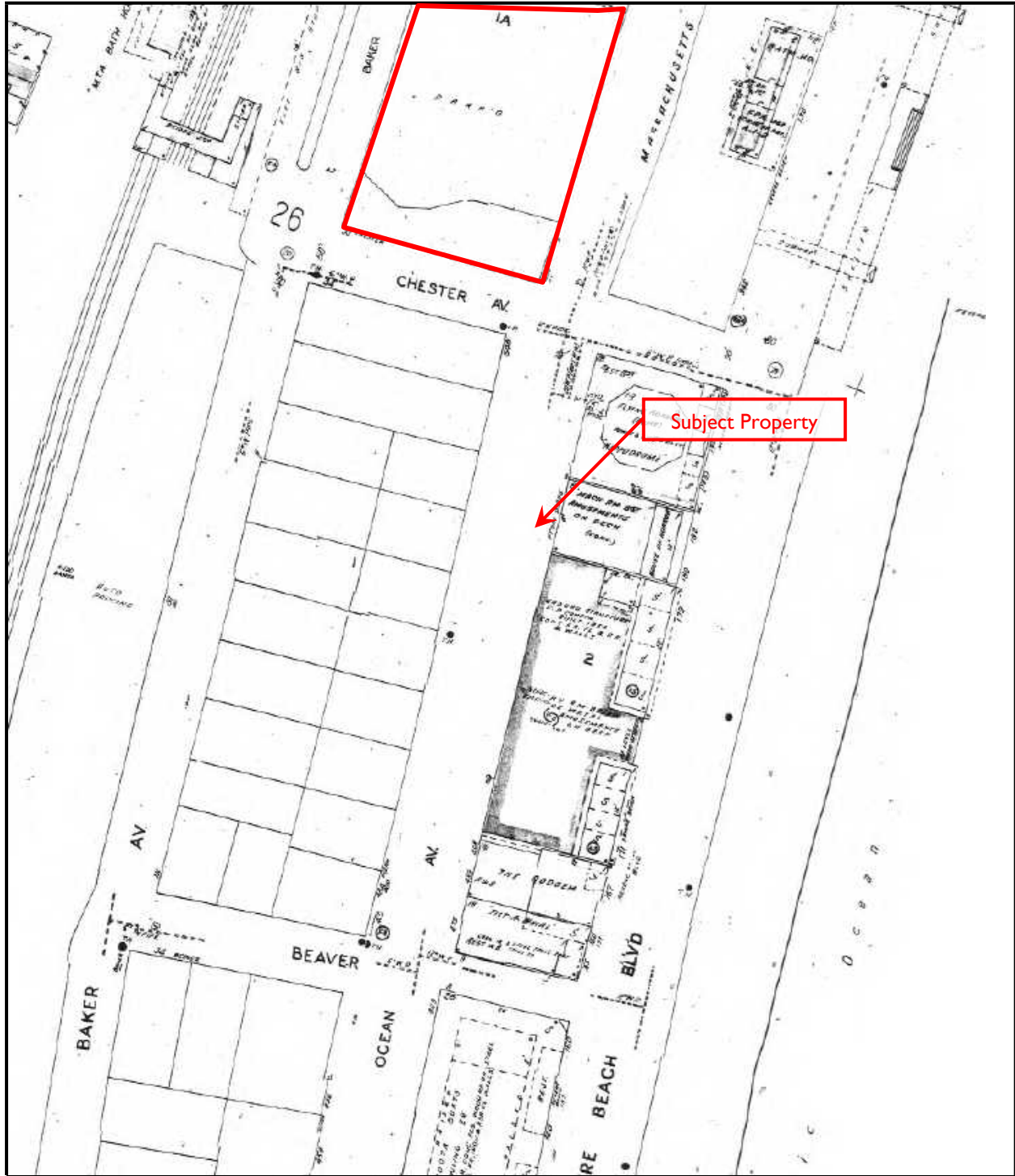
Fire Insurance Map  
Year: 1951





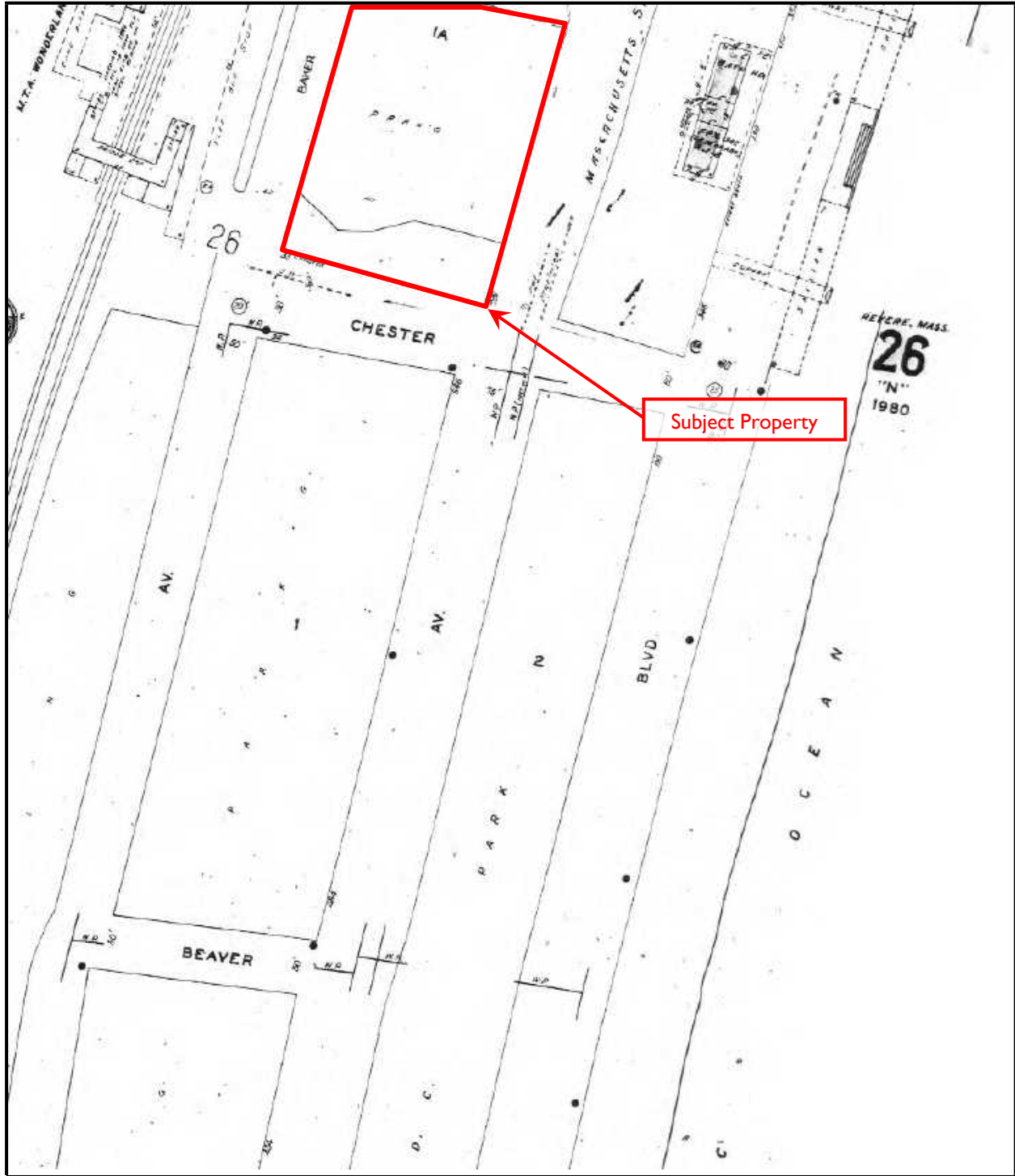
Fire Insurance Map  
Year: 1954





Fire Insurance Map  
Year: 1965

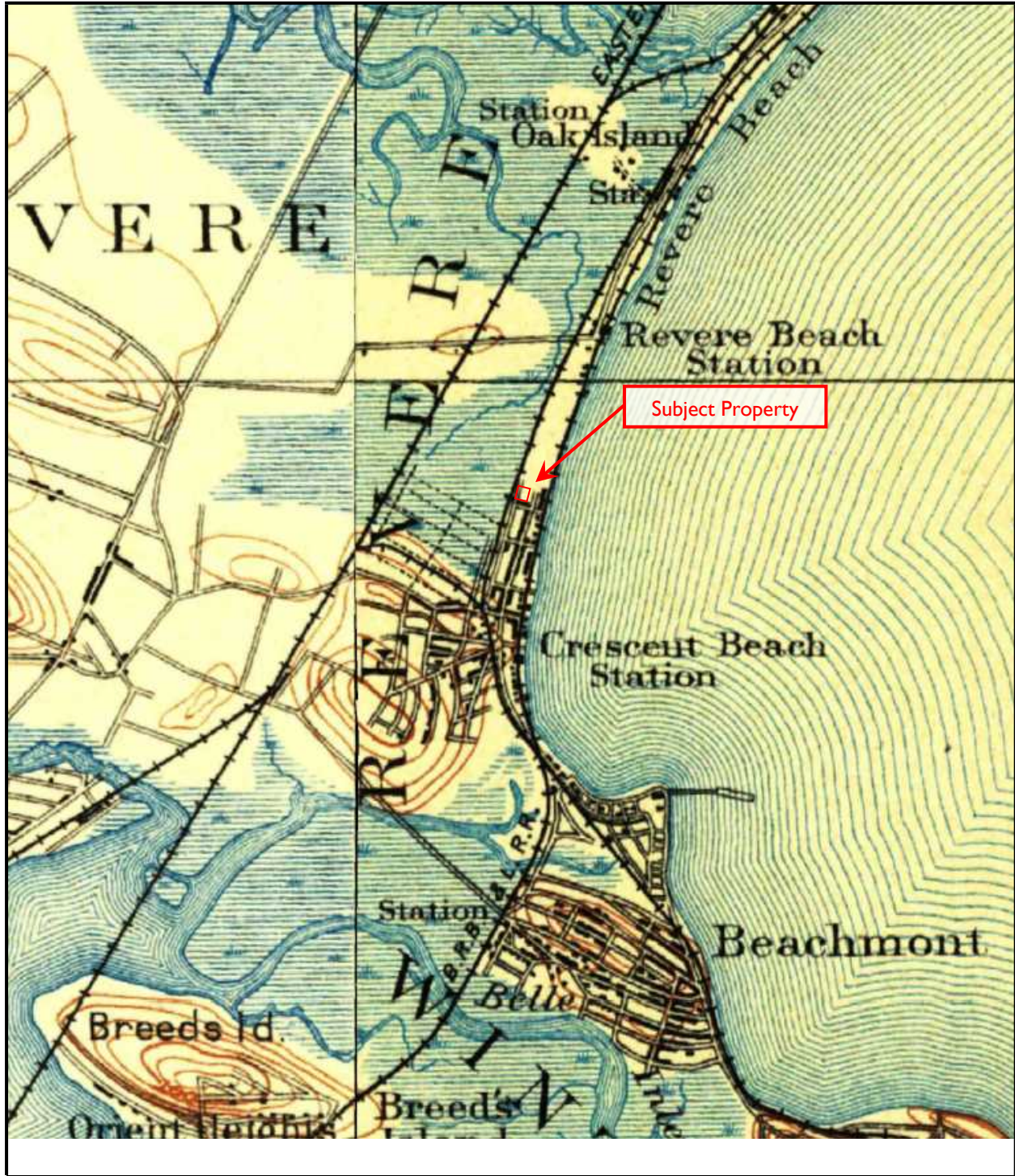




Fire Insurance Map  
Year: 1980



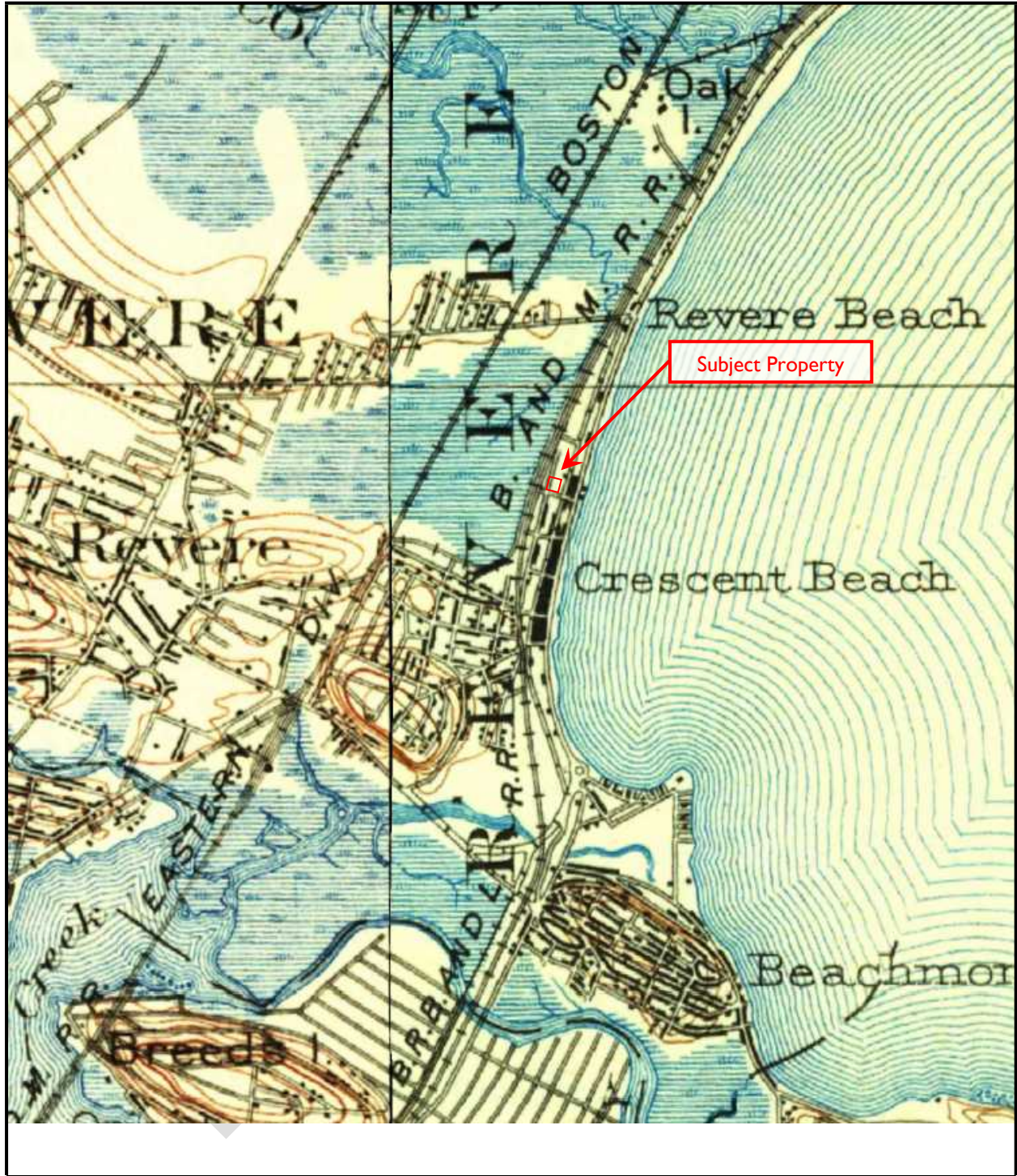




USGS Topographic Map  
Year: 1892, 1893



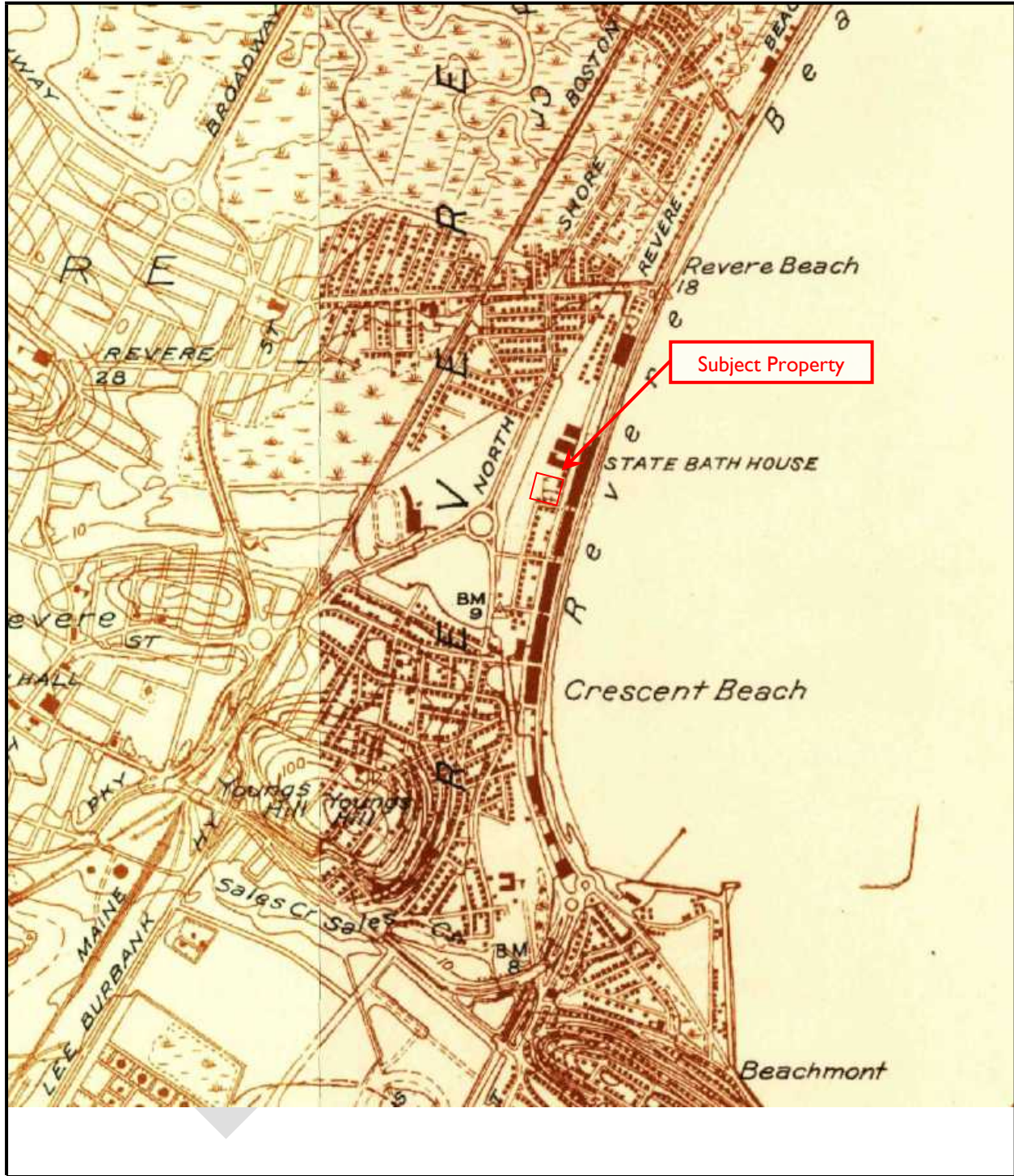




USGS Topographic Map  
Year: 1903



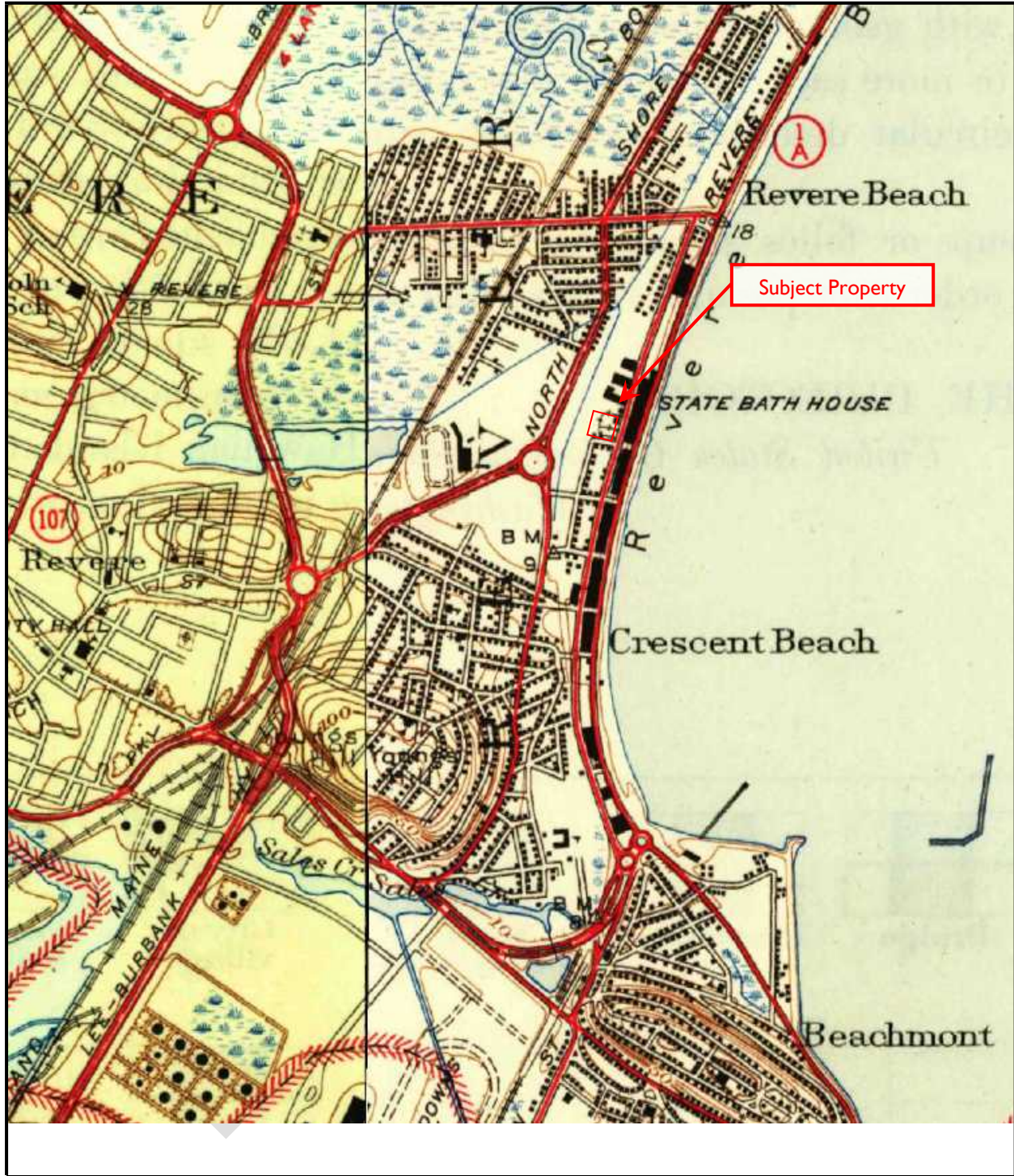




USGS Topographic Map  
Year: 1943, 1944



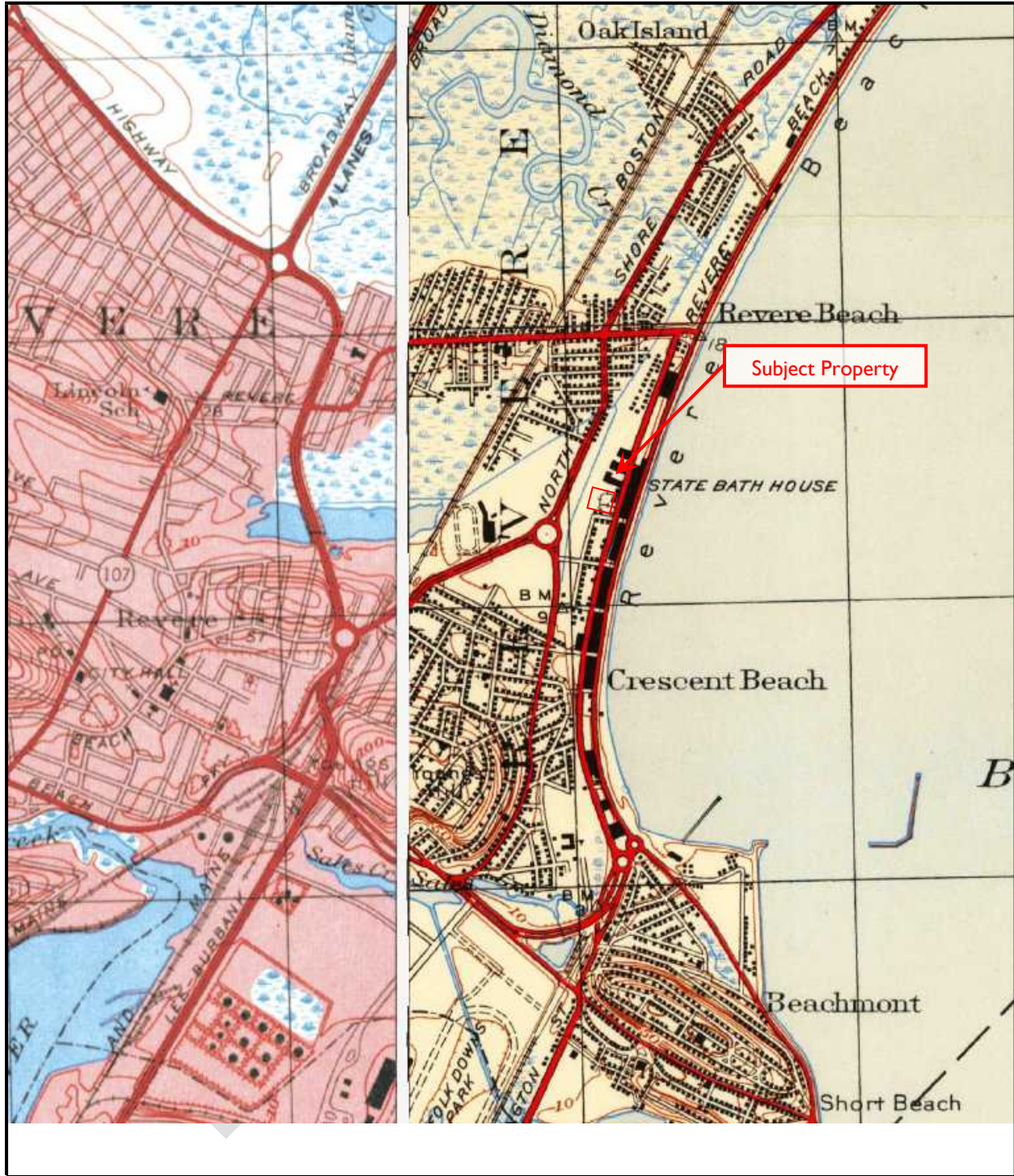




USGS Topographic Map  
Year: 1946



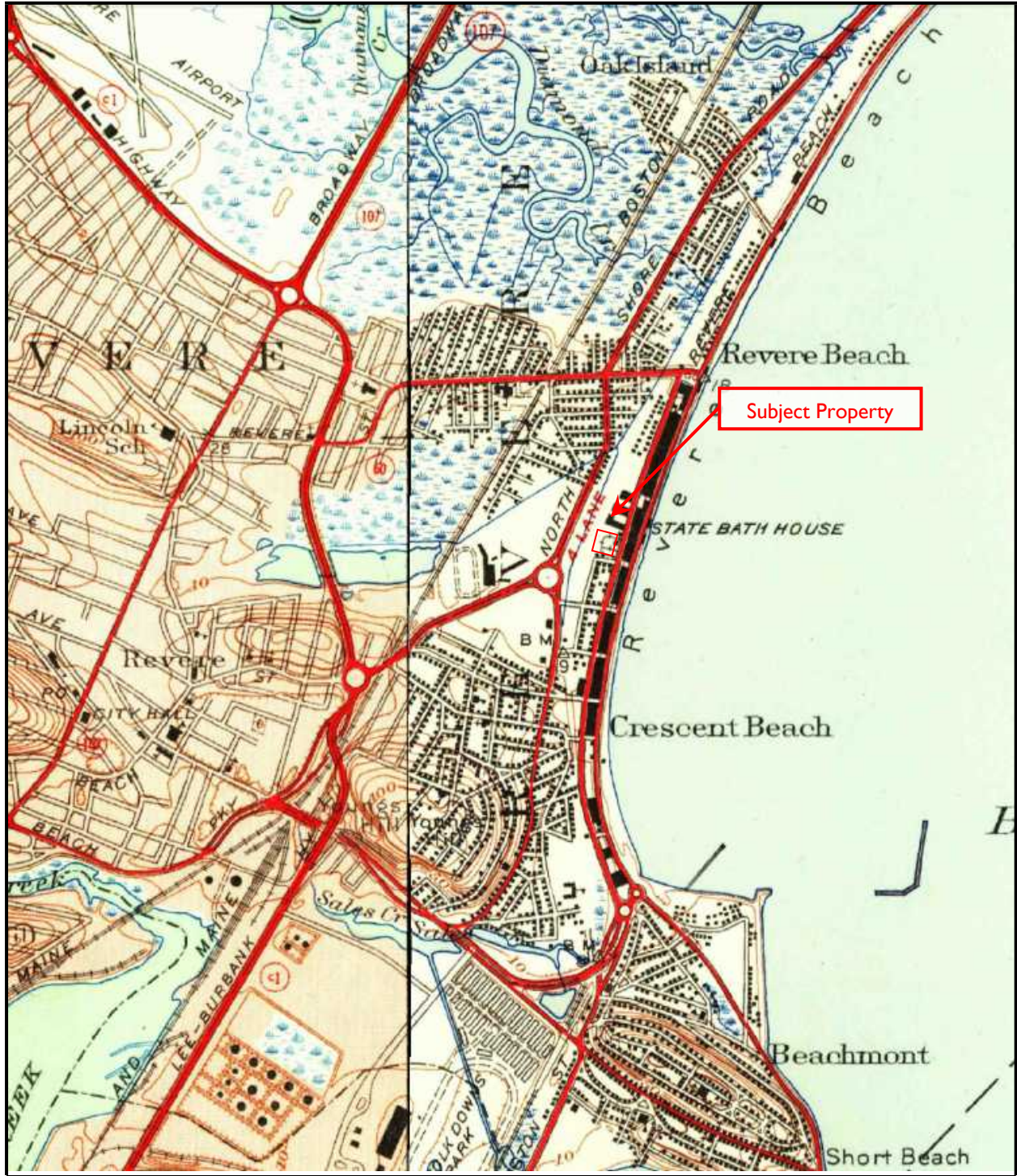




USGS Topographic Map  
Year: 1947



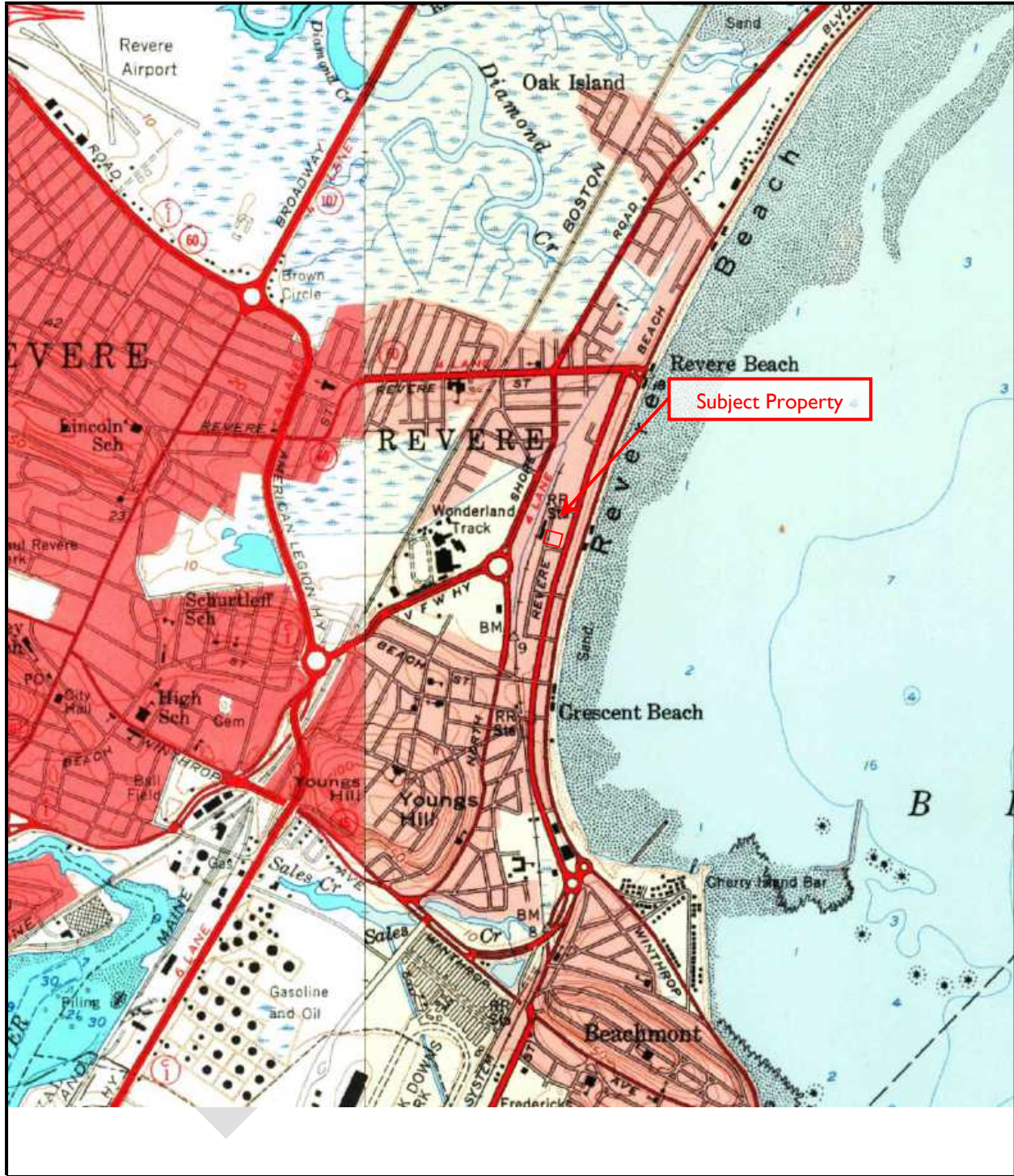




USGS Topographic Map  
Year: 1949





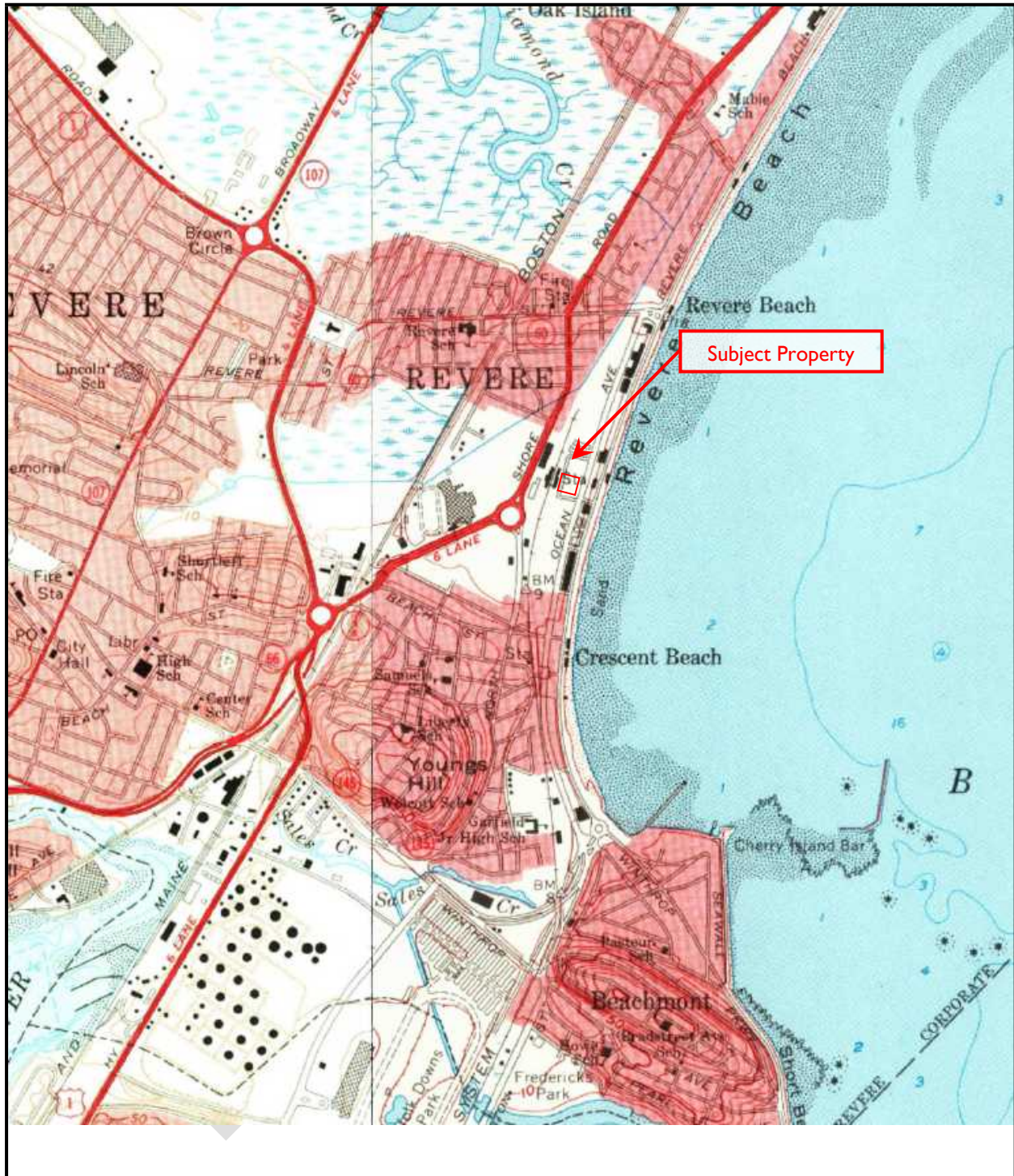


USGS Topographic Map

Year: 1956



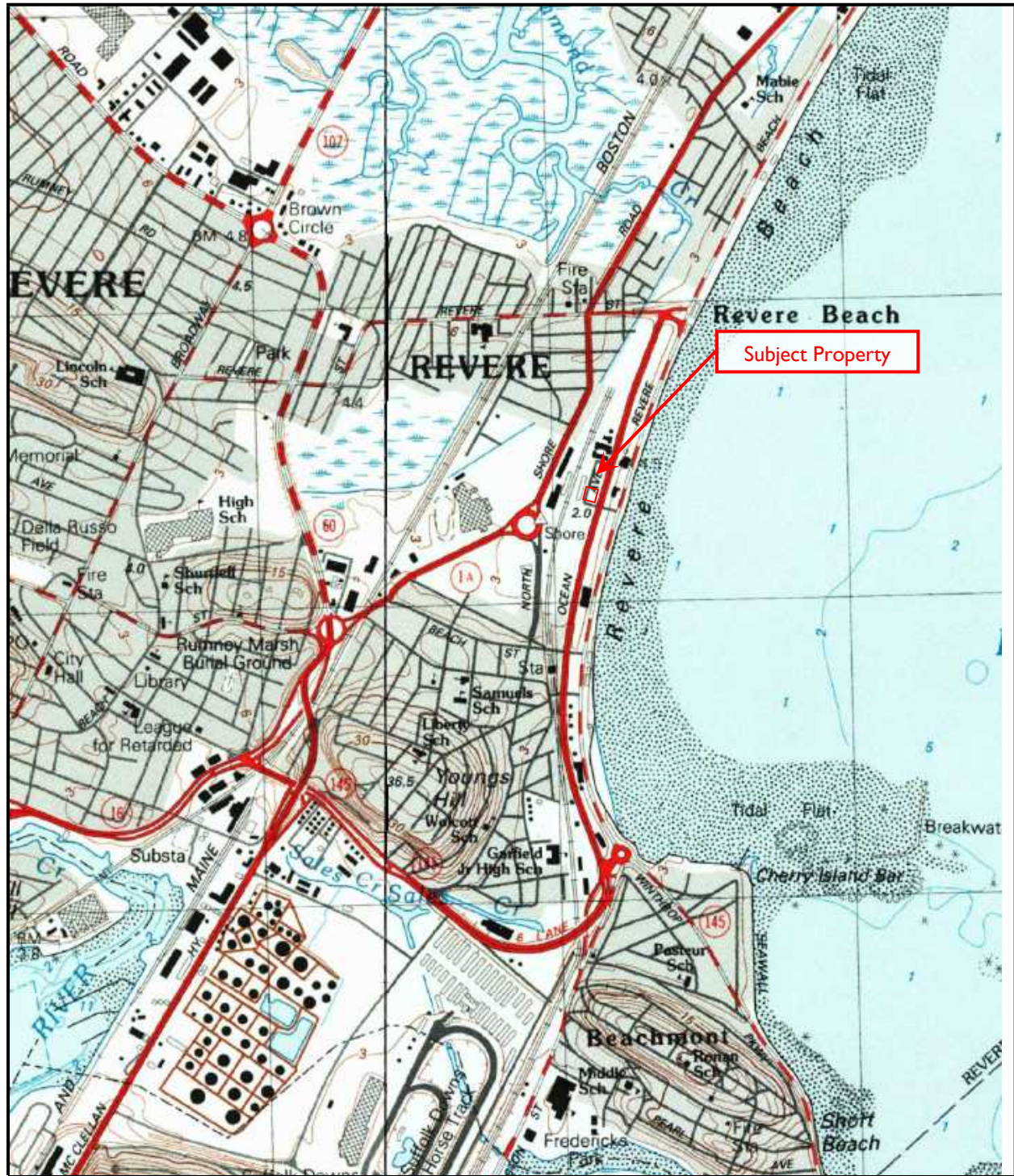




USGS Topographic Map  
Year: 1970, 1971





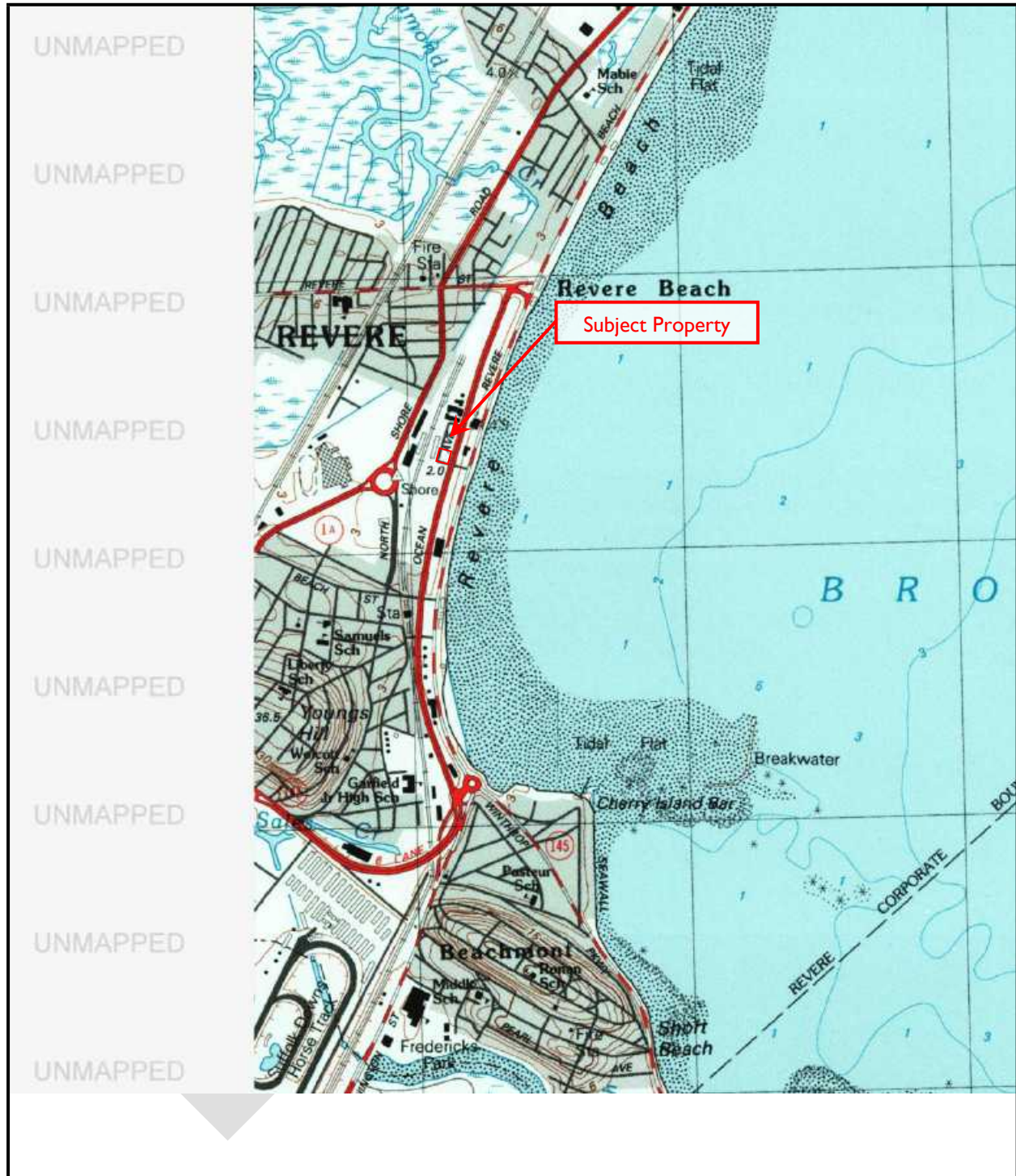


USGS Topographic Map

Year: 1985

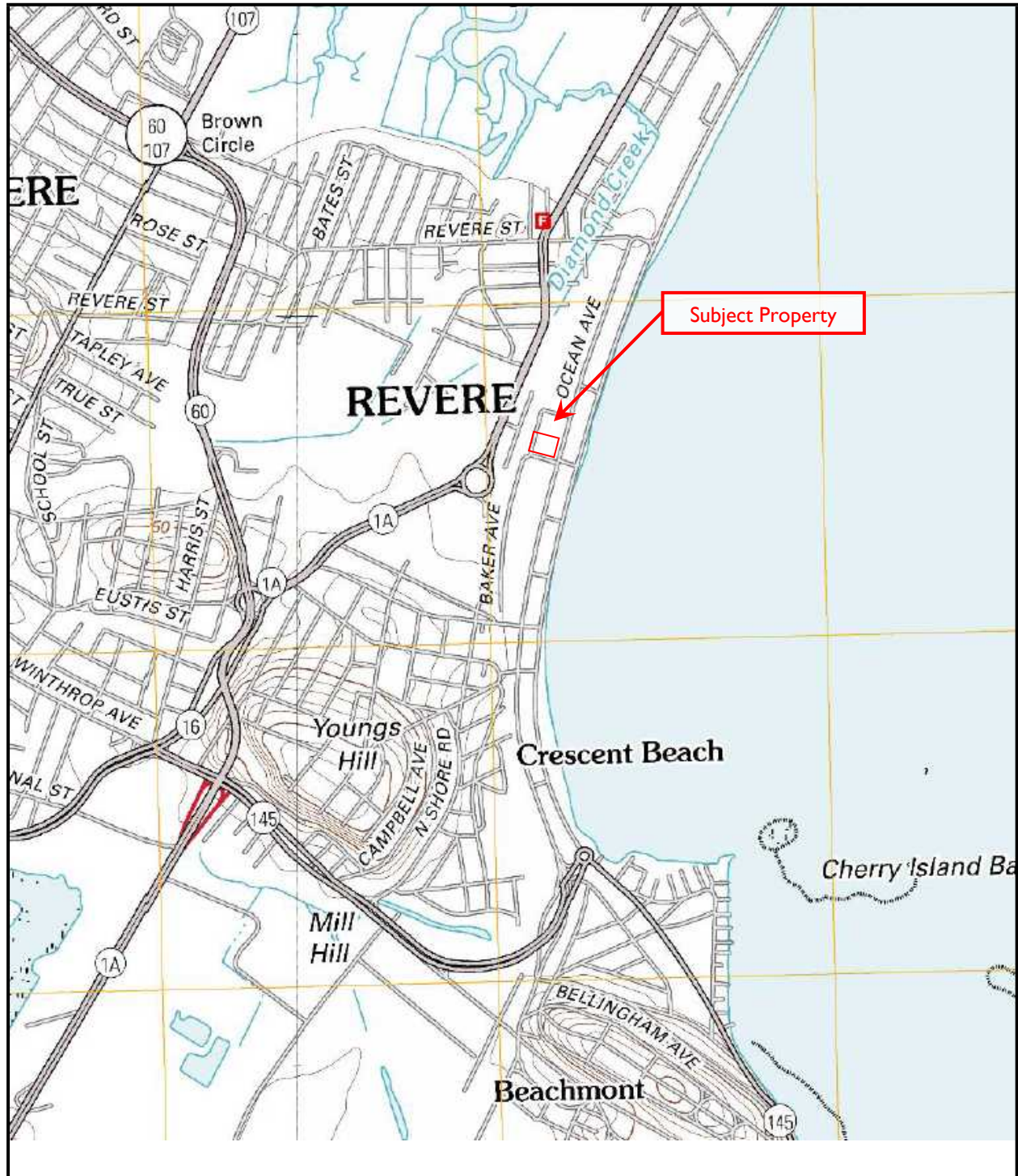






USGS Topographic Map  
Year: 1997





USGS Topographic Map  
Year: 2012



**MBTA Wonderland Station Parking Lot**

400 Ocean Avenue  
Revere, MA 02151

Inquiry Number: 4902327.6  
April 12, 2017

# The EDR-City Directory Image Report



## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

*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.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1988	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1984	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1975	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1972	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory

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## FINDINGS

### TARGET PROPERTY STREET

400 Ocean Avenue  
Revere, MA 02151

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

### OCEAN AVE

2013	pg A2	Cole Information Services
2008	pg A13	Cole Information Services
2003	pg A24	Cole Information Services
1999	pg A37	Cole Information Services
1995	pg A50	Cole Information Services
1992	pg A61	Cole Information Services
1988	pg A72	Cole Criss-Cross Directory
1984	pg A73	Cole Criss-Cross Directory
1975	pg A74	Cole Criss-Cross Directory
1972	pg A75	Cole Criss-Cross Directory

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**



-

**OCEAN AVE 2013**

- 2 ADIL SAISSI
- ALPHONSE MARANO
- ANTHONY DEFELICE
- ANTHONY PREVITE
- ARACELI BERGEN
- BARBARA DILLON
- EDWARD WHITE
- EILEEN GRIESHABER
- ELIZABETH OBRIEN
- ESTHER NEVLER
- GARY BLOUIN
- HELGA BERESCIK
- JEFF MITCHELL
- JOHN GUARINO
- JORGE LOPEZ
- JOSHUA DESAULNIERS
- JULIE FAZIO
- JULIO GARCIA
- JUSTIN HARRIS
- KAREN ANDREOTTOLA
- KHALED TALEB
- KIMBERLY PEREZ
- L BETANCUR
- LATIFA MAAROUF
- MANUEL GALVEZ
- MARIA MURO
- MARK ARSENAULT
- MARY RUSCITO
- MICHAEL LEWIS
- MISTER EVANS
- MUSTAPHA MEGHRAOUA
- NORMAN DUHART
- OCEAN POINT APARTMENTS
- PATRICIA CARIDEO
- PAUL AYERS
- PETER CARR
- PHYLLIS HUNTOON
- RANNYER VICENTE
- ROMANINA MENDITTA
- RONALD WHITE
- ROSE MORETTI
- SILVIO PETRAGLIA
- SOFIA ZGANY
- WILLIE BOOKER
- 10 ALAN COCCA
- ALFRED CASTRONOVA
- ANGELA MORICO
- ANTHONY DERIGGI
- BETHANY WOODS
- CHARLES LIGHTBODY



-

## OCEAN AVE 2013 (Cont'd)

10	DONALD EDWARDS ELI KALAORA ELLEN WEINER ETRELLA PI FREDY RODRIGUEZ GREG SANTOSUOSSO JEFFREY DIPRIMIO JESSICA EKHOMU JOHN MCCABE JOSEPH MACHERA JOSEPH PAGLIA KRISTEN PAOLUCCI LORETTA CORBEIL MANAV KORPAL MARCUS CALEGAR MARGARET OLEARY MARINA MERSON MICHAEL DOHERTY PHILLIP FERRANTE RALPH BRUZZESE RITA NEGRI ROBERT OBRIEN ROBERT SHAW RYAN SHOCKLEE STEPHEN METIVIER SURF SITE TED RENDA TRISHA SUTRISNO
32	JEFFREY MOLL
110	THERESA DEVINE
138	FRANCIS LICATA
200	DONNA SEARS HEATH RACELA JOSEPH HODGSON JUDITH ZIEMNIK STEFAN JOURET
201	GEORGE ASH
204	JANICE LECLAIR MICHAEL SHAMALY
264	OCEANSIDE VENDING
300	AMY WHEELER ANTHONY RAUSEO BIRDSEY JO RN ANP CENTER FOR COMMUNITY INDEPENDENCE HE CHANG WEIJEN W MD CHIN DANNY MD COMMONWEALTH OF MASSACHUSETTS DAISY REALTY TRUST DUNKIN DONUTSOCEAN AVE REVERE EGAN HARWOOD MD

## OCEAN AVE      2013      (Cont'd)

300	FIRST PHONE GESMUNDO JOSEPH MD HOURS A LOCKSMITH 24 JOKELA JANET MD KONOPASEK LYBUBA MD LASTER SUSAN MD LAURA OLSON MASSACHUSETTS GENERAL HOSPITAL MCGEHEE MARGO MD MEEHAN KIM MGH REVERE HEALTHCARE CENTER MILLER ELIZABETH MD NELSON ANN MD PALMER DIANA A MD PASINSKI ROGER MD PLEWS OGAN MARGARET MD SHIELDS CHRISTINE MD SWEETNAM SANDRA MD THADHANI VALERIE MD WALD DEBORAH MD WIC WOMEN INFANT & CHILD ZIMMERMAN CHRISTOPHER M MD ZIMMERMAN CHRISTOPHER MD
360	YASMINE KHORSI
364	AHMED KHORSI AMAL CHENGOUR AMIRA OMAR AMPARO BARRIENTOS ANDREW GRECO ANDY LEMUS ARTHUR LEEN BEHZAD ETEMAD CARABETTA RALPH CARINE PRATA CHRISTOPHER ADAMS COMPANY CCI CORREA CRISTIAN DIWEI SHI DOAA SOBEIH FRANCIS DIMARZO FRANCISCO ABREU IFETA PEKMEZ JAMES SUDMEIER JESUS RESTREPO JIE LIU JOHN CAVALLARO JOSEPH LEMERY JULIA DAWN KATHLEEN GOULD KEN KOJIMA





-

## OCEAN AVE      2013      (Cont'd)

364	L GOLDBERG LAILA SAJID LINDA MARGOLIS LUIS ROMAN MARLA FELDBAU NPF PAINTING INCORPORATED RALPH CARABETTA RASHA SUBAHI RICK BROWN ROBERTA EVANCHUK SANDY GERMAIN STEVEN WILSON TARIQ HALAWANI THE UPPER CUT VIKTORYA TARAN VITALI MINTS YEVGENY KOVRIGA YOUNGHOON LEE
370	ANAI WAHL ANDREA PACHECO BABATUNDE OGUNDIPE BERNARD MASON BETTE PETRICCA BRIAN CORNS BRIAN SANTOS BRITTANIE JOHNSON CARNEY MULLIGAN CHRIS CARDENAS COMPANY CCI EMIR CAUSEVIC GERARD HANSEN HENRIQUE BARBOSA JEFFREY TRIDER JOHN TENNIHAN JOSHUA SCHULZE JURIJ ZYLAWYJ KAINAN FANG LUCI NEVES MARCUS WORTHINGTON MARIA LEAO MARIA REZENDE MARY DEVER MILAIM HOXHA MITCH MACDOUGALO MONICA REYES MONICA SOUZA NORMAN MAINWARING PETER DAIKOS RAMOS BELL ROBERT BERGMAN

## OCEAN AVE      2013      (Cont'd)

370	ROSE RAMOS SASHA FRAINE SCOTT GUIDI TAJ STALLWORTH TOM CHUNG TOM KNOX VICTOR ARREDONDO WILLIAM FIQUEROA WILLIAM MOOTZ
376	19 DOLLAR EMERGENCY LOCKSMITHS ALBERT ROMAGNA ALDRIN NANO ALEXANDER GLINA ALEXANDER POPOV ANDRE SCHILIT ANDRES CASTANO ANTHONY PENZABENE ANTHONY TAMMARO ARMINDO GONCALVES AUREL VELICANU AVDO CUTURIC AZAD ARSENIAN BARRY ROCKLIN BESNICK KADRIU BOSTON ENFORCEMENT CALIN PHAM CAROLE WHITE CHARLES MOORE CHARLIE STIPO CHERYL TONGE CHOICE MERCHANT SOLUTIONS INC CHUNGSOO GWARK CYNTHIA MODRY DAVID ALOISE DAVID BERKLEY DMITRY MINKEVICH DONALD HOLLAND EDDIE SHERR EDGAR MULLIN EDMUND JAGASPANIAN EDMUND OBRIEN ELVIR ROVCANIN ESTELLE CONN ESTELLE CORIN FABER RUIZ FRANCIS SARNO FREDERICK LAWTON GEORGE LAWS GERMAINE BEECHER GLADYS KUZMICH

**OCEAN AVE 2013 (Cont'd)**

376 IAN TOLTZ  
JAMES FOROSISKY  
JAMES SARAF  
JANE COX  
JOANNE GIANNINO  
JOHN CARROLL  
JOHN GIL  
JOHN MORRILL  
JOHN POWERS  
JOSEPH LABADINI  
JOSEPH NONTARAG  
JOSEPH SABLONE  
K KOCH  
KEITH THERRIEN  
KEVIN CRUZ  
LEROY TIBBS  
LEV KHAYUTIN  
LISA FRAIZE  
LORETTA ZULLO  
LOUIS MARANO  
LOUIS ORLANDINO  
LUCILLE FERRAGAMO  
LUCY PATTI  
MARIA PAIGE  
MARIE ONIEAL  
MARIE VOTO  
MARILYN KUCERA  
MARINA GENDEL  
MARK MIRETSKY  
MARY CHWALISZEWSKI  
MICHAEL COLLINS  
MICHAEL COLONNA  
MICHAEL HAROL  
MICHAEL LAURANO  
MICHAEL ORENSHUR  
MICHAEL WATCHMAKER  
MICHAEL WONG  
MICHEL MACHADO  
NALITRY MYSH  
NELSON PEREIRA  
NEW BOSTON HAIR DESIGN  
NORMAN BERKOWITZ  
PATRICIA CACCIATORE  
PATRIOT ATM SYSTEMS  
PAUL FRESCO  
RACHAEL MCDONALD  
RACHID ERAFII  
RENATO DECRUZ  
RHONA EHRLIN  
ROBERT GIANNINI

## OCEAN AVE 2013 (Cont'd)

376	ROBERT GRIFFIN ROGER OAKLEY RONALD AMIDON RUTH GUILFORD SEAWATCH TOWER CONDOS SERAFIMA BYKHOVSKAYA SHADY SIRAJUDDIN STEVEN BORNSTEIN VALERIY LVOVSKIY VENIAMIN OSTROVSKY VINCENT PAPA VLADIMIR BEREZOVSKII VLADIMIR LAZEBNIK WEN SHIEH WILLIAM LEAHY WILLIAM MORGAN YEFIM LEYBMAN YONG SHEN ZELIA COSTA ZINOVY ALSHINE
382	ABDULLAH ASHOUR ADRIENNE WALLACE ALEKSANDR BOGUSLAVSKIY ALEX ESTERKIN ALEXANDER ZHDANOV ALVARO ELORZA ANATOLY TURKOV ANTHONY DELGAUDIO ANTHONY MARGARECI ATHENA ELEFThERAKIS ATLANTIC REAL ESTATE & CONSULTING BART OLEVSKY BERNARD SCOTT BETTERMAN REALTY BORIS GORBATY BRYAN DEMOSS CONSTANCE ROSSETTI DANIEL BLANK DANIEL JANKOVIC DARYLL WATTS DAVID RAVALLI DAVID ZIMM DENNIS YANG DIANA BOBOC DMITRI KIRPOTIN EDDY WONG FRANK GIULIANO GALINA SERGEICHIK GEORGE MAGRATH GERALD BRENNER

**OCEAN AVE 2013 (Cont'd)**

382 GIOVANNI MARTONE  
GLORIA FULLER  
HELEN TSINGOS  
HUGO ABDULLA  
JANE MATHEWS  
JANET KATZ  
JAVAIQ IQBAL  
JEFFREY WOO  
JERRY WILLIAMS  
JOHN DILIEGRO  
JOHN FESTA  
JOHN HARKINS  
JOHN KANE  
JOHN MANSON  
JOSEPH GUARINO  
JOSEPH NORRIS  
JUDITH DUNN  
JUNG JI  
KATHLEEN TATUM  
KEVIN RENEHAN  
LARISA KALISH  
LAVERNE KRIECHE  
LAWRENCE FREDSON  
LEO HORAN  
LEON AKODES  
LISA LAGASSE  
LOUIS SZOTTFRIED  
LUCY NARDONE  
MARC BALDI  
MARJORIE RICCI  
MARK ISMAYLOV  
MARK THOMPSON  
MARVIN CASTILLO  
MICHAEL CHRYSANTHAKIS  
MICHAEL DELLORFANO  
MICHAEL DURAKOVSKY  
MIGUEL CASTANO  
MORENGLEN QAFOKU  
MURIEL RUDZINSKY  
NANCY MURPHY  
OCEAN GATE TOWER CONDO  
OLCA TUGARINA  
OSCAR JARAMILLO  
PARSONS FRIEDMANN & CENTRAL INC  
PATRICIA LONG  
PATRICIA WILKES  
PAUL AGIUS  
RICHARD MARKER  
RICHARD PENN  
RICHARD POWERS

## OCEAN AVE      2013      (Cont'd)

382	ROBERT GERMAN ROBERT JOAQUIM ROBERT MCCAUL ROMAN DOLINSCHI ROSS BLOUIN SANDER YOUNG SCOTT MILLER SHIRLEY SHUMAN SPIROS ATHANAS STEPHEN GAVRILLES STEVEN HERMAN SUSANNE MENINGER TANYA FRIEDMANN TATYANA GRANOVSKY THOMAS RALSTON UYU LEE V RODRIQUEZ VLADIMIR MAYZEL WALTER CHAMBERLAIN WILLIAM JOHNSON YAZEED AI-ABBOUD YEFIM BULAVKSY YEFIM ZIMBOVSKY YUEH CHEN
388	ABRAHAM MOSES ADRIANA OLIVEIRA AHMAD SELMAN ALEXANDER ZVONOK ANN CHIAPPINI ARTURO HERNANDEZ BARBARA LARUE BASHAR ALOBIDI BELAMAR TOURASI BERNICE TORRES CARMINE ZINGARIELLO DANIEL IANDOSCA DAVID BONILLA ELIZABETH ANDERS EMAD ABD-ELMALEK EUGENIO CAVALLARIN FARAG GAASEF FARID DRISSI GERALD BATTLES GERTRUDE BATANDA GERTS LEMANIS HUSEIN MEHIC HYE CHONG INGRID WILSON IRENE MURPHY J GREGOR

## OCEAN AVE      2013      (Cont'd)

388	JACQUELINE PALDI JAMIE PIASECKI JESSICA GILLIS JOAN SILVERMAN JOHNNIE VELASQUEZ JOSEPH NESSIM MANZAR GHAREGOZLY MARGARET MAES MATTHEW SIDEN MOHAMED ALJUDAIBI MOHAMMED ALHARBI OTONIEL ANGEL PATRICK LILLIS RAY GREELEY ROBERT BEAULIEU SARAH ALGARIS SAVANAH HART SHONNA BROWN SUBHA BALASUBRAMANIAN WANG GONG WAYNE MARCOUX
394	ABDUL ASRARY ADAM LUBAS AMANDA SCHEPICI-PORTILLO ANGELO MORRETTI BRUNO SCHNEIDER CAROLINE CHEATHAM CASSIA SCHEFFER DANIEL MONIZ DANNY LAPORTE EDGE WATERS EDWARD DEGEN EVGUENI DAMASKINE GINGER CIMMINO GREG GUBA HENRY LIGOCKI HOLLY FLETCHER JOHN KIZANIS JOSEPH CARABETTA KENNETH DASHO KHALID JEBARI LINDA WEINSTEIN MAIRA FELIPE MARTIN ANDERSON MEILI CLARK MIGUEL ANCHUNDIA MOUSSA DOUMBOUYA NATANIA SMALLING-JACKSON PATRICIA CHAPETON PAUL MAURER

**OCEAN AVE 2013 (Cont'd)**

394 POWYS FOULDS  
RICHARD NAGLE  
SHU CHEN  
SOUMYA SADDOULI  
SUSANA KURI-MARSCH  
THOMAS MEHIGAN  
VMARK BOLAND  
WATERS EDGE TOWER  
YURY VILK



**OCEAN AVE 2008**

2 A ACEVEDO  
ABRAHAM SCHNEIDERMAN  
ALPHONSE MARANO  
ANTHONY BRAZZO  
ANTHONY DEFELICE  
ANTHONY PREVITE  
ARACELI BERGEN  
BARBARA DILLON  
CHARLES BROOMALL  
DAVID MACDONALD  
DORIS HABERLIN  
EDITH LOMBARDI  
EILEEN GRIESHABER  
ELAINE GADON  
ELIZABETH OBRIEN  
ESTHER NEVLER  
GABRIEL FESTA  
GARY BLOUIN  
HELEN SICOTTE  
IRENE SINGER  
JAMES CONDELLI  
JANINNE BERESCIK  
JOHN GUARINO  
JOHN OBRIEN  
JOSEPHINE MARINO  
JULIE FAZIO  
JULIE HARRINGTON  
KAREN ANDREOTTOLA  
KIMBERLY PEREZ  
L HUANG  
LAWRENCE ROMANELLI  
LINDA FENNELLY  
LISA PETRAGLIA  
LORRAINE PARSONS  
MARC MURPHY  
MARCELO PAULO  
MARIA ROSERO  
MARK KENNEY  
MARTIN MILTON  
MARY MAYNARD  
MARY TOOMEY  
MARY VALENTINO  
MICHAEL LEWIS  
MICHAEL TILLINGHAST  
MICHELLE PELOSI  
MONICA FONSECA  
NATALIA JARDEN  
P M REMODELING SERVICES INC  
PATRICIA CARIDEO  
PAUL AYERS



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**OCEAN AVE 2008 (Cont'd)**

2	PETER CARR PETER HARRIS PHYLLIS HUNTOON RACHELLE MAGUIRE ROBERT FINESTONE RONALD WHITE ROSE MORETTI SAMIA ELASRI SARA FUHRMAN SILMARA MIRANDA TOMMY UPTON TREVOR SOUCY WAKEFIELD MATERIALS
10	ANTHONY RAUSEO BARRY STUDLEY DONALD EDWARDS DWIGHT WOLCZAK ELLEN WEINER FRANK LICATA JAMES CAGGIANO JOSEPH CIAMPA JOSEPH MARTOCCHIO JUSTIN PIETRELLA KRISTEN PAOLUCCI LORETTA CORBEIL LUIS CERVANTES MARGARET OLEARY PHILLIP FERRANTE RITA NEGRI RONALD BARONE ROSE MARTOCCHIO STEPHEN METIVIER THELMA KING THOMAS IGOE WISSAM HADDAD
32	JEFFREY MOLL
110	NORTH SUFFOLK MENTAL HEALTH ASSN INC THERESA DEVINE
138	FRANCIS LICATA
200	HEATH RACELA JUDITH ZIEMNIK LAUREN BEAULIEU
201	GEORGE ASH
204	JANICE LECLAIR
264	OCEANSIDE VENDING
300	AMY WHEELER DAISY REALTY TRUST EGAN HARWOOD MD FAST PHOTO H & R PRODUCTION GROUP LLC

**OCEAN AVE      2008      (Cont'd)**

300	LAURA OLSON LDDS METRO MEDICAL MASSACHUSETTS GENERAL HOSPITAL METROPOLITAN ACCEPTANCE CORP MGH REVERE HEALTHCARE CENTER MILLER ELIZABETH MD
316	ALEXANDER NEMETS
346	P KONTANSETTY
354	GIRISH SINGH
364	AINI KHORSI ALICIA MATTHEWS ANDERSON PRETTI ANDREW GRECO ARTHUR LEEN BEKIR CINAR BENJAMIN BANDOY CARINE PRATA CHARMAINE WILLIAMS CHRISTOPHER ADAMS DEVON JONES EMILIO ARMAND EUNTAI KIM FERNANDO SALAS I CAJIGAS JACOB MILLER JACQUELINE GRANDE JOHN BELFIORE JOHN TOMEO KEN KOJIMA L GOLDBERG LINDA MARGOLIS MARWAN YAGHMOUR MATTIE MEWBORN MEHMET KUGU MONA SIEFFEN MONICA MAYOR MOSTASA MISTH NANCY IADOLI NEVIN MOSER NURUR RAHMAN OCEAN SHORE TOWER RALPH CARABETTA RAMDANE KHORSI RICHARD ABBOTT RICHARD HUBBELL RITA ROMANO SAID KAOUSS SECURITY COURIER CORP SOACKDAE YOON T INGRAM

**OCEAN AVE      2008      (Cont'd)**

364	UPPER CUT THE VIKTORYA TARAN VINCENT EVANCHUK YELELY KOVRIA YEVGENY KOVRIGA
370	ABDELDJALI SLIMANI ALEKFEY ZAKHAROV ALEXANDER POPOV ANDREW SCHAEFFER B PETRICCA BETTE PETRICKO BOB SIGMUND BOB VANDENOORD BOUGHAEN RAHIMA CARLOS AMARO CATHERINE VAUGHN CHERIF OUANSA COMMUNICATIONS INTERNATIONAL COURTNEY JACOBSEN DANIEL POHL DAWN YOUNG EDWARD TEHOVNIK ELIANA SANTOS ELVIRA DIPIETRO EMIR CAUSEVIC HAMDİ SEDUI HENRIQUE BARBOSA IN THE BAG PRODUCTIONS JEFFREY TRIDER JOSEPH MATERNIA JOSEPHINE MARCH JURIJ ZYLAWYJ LILLA CAMPBELL LINDA NGUYEN MARY DEVER MARY MOUGHAN MICHAEL LOO MIRIAN SARNESE REBECCA MCCRAY RICHARD SAYERS RICK DARROW ROBERT IANNACCONE RRAHMAN KADRIU SHANNON GLIDDEN SPACE JET CO VILIAN TAMBE VYACHESLAV GELMAN
376	ALBERT ROMAGNA ALEXANDER BYKHOVSKY ALEXANDER GLINA

**OCEAN AVE 2008 (Cont'd)**

376 ALEXANDER POPOV  
 ALLAN WATCHMAKER  
 ANDRE SCHILIT  
 ANDRES CASTANO  
 ANTHONY BARBARO  
 ANTHONY PENZABENE  
 ANTHONY TAMMARO  
 ARMINDO GONCALVES  
 ATLANTIC WALL COVERINGS INC  
 AUTILIA DELGADO  
 AZAD ARSENIAN  
 BARRY ROCKLIN  
 BEHARE KADRIU  
 BORIS SHAPETON  
 CAMME TRANSPORTATION INC  
 CAROLE WHITE  
 CHARLES MOORE  
 CHERYL TONGE  
 DAVID ALOISE  
 DAVID BERKLEY  
 DAVID DANG  
 DMITRY MINKEVICH  
 EDGAR MULLIN  
 EDMUND JAGASPANIAN  
 EDMUND OBRIEN  
 EDWARD KROVITZ  
 EDWARD MCFARLAND  
 EDWARD SHERR  
 ESTELLE CORIN  
 FRANCIS SARNO  
 FRANK CASTANON  
 GEORGE GOLDEN  
 GEORGE PATTI  
 GLADYS KUZMICH  
 HENRY CRUZ  
 IGOR KOZOREZ  
 IRINA BORODYANSKAYA  
 JACK TOOMEY  
 JAMES FOROSISKY  
 JAMES SARAF  
 JIANXUE LI  
 JOANNE GIANNINO  
 JOHN BLANCHETTE  
 JOHN KINGSLEY  
 JOHN OROURKE  
 JOHN POWERS  
 JORGE FILHO  
 JOSEPH CODY  
 JOSEPH LABADINI  
 JOSEPH SABLONE

**OCEAN AVE 2008 (Cont'd)**

376 JOSEPH SARNO  
JOSEPH TADDONIO  
K KOCH  
KATHLEEN PIRACINI  
L FERRAGAMO  
LEO MELLACE  
LEROY TIBBS  
LEV KHAYUTIN  
LIDIA TERENTIEVA  
LIDIYA TERETYEVA  
LILI DANO  
LILLIAM LAURANO  
LORETTA ZULLO  
LOUIS MARANO  
LOUIS ORLANDINO  
MARIE VOTO  
MARILYN KUCERA  
MARINA GENDEL  
MARK MIRETSKY  
MARY CHWALISZEWSKI  
MATT DERBALA  
MAX IBANEZ  
ME ONIEAL  
MICHAEL BEECHER  
MICHAEL COLLINS  
MICHAEL COLONNA  
MICHAEL HAROL  
MICHAEL WATCHMAKER  
MOSCOW ART THEATRE SCHOOL USA INC  
MUZAFFER YASLI  
NELSON FILHO  
NEW BOSTON HAIR DESIGN INC  
NICHOLAS BOUZIANIS  
NIPPUN GUPTA  
NORMAN BERKOWITZ  
OWEN QUILTY  
P & D CONVENIENCE  
P CACCIATORE  
PAUL FRESCO  
PAUL HARTNETT  
PAUL MODRY  
RACHAEL MCDONALD  
RAHUL GERA  
REBECCA GAMMON  
RHONA EHRLIN  
ROBERT BUHLMAN  
ROBERT GRIFFIN  
ROGER OAKLEY  
RONALD AMIDON  
SANDRA CHRISTIE

**OCEAN AVE      2008      (Cont'd)**

376	<p>SANDRA DIAZ  SCOTT BEAL  SEAWATCH TOWER CONDOMINIUM TRUST INC  SETH THERRIEN  SIDNEY BORNSTEIN  STEVEN DEMARJIAN  SUHBIJA ROVCANIN  SVETLANA TROSCHENKO  TERISA TRAYLOR  VALERIY LVOVSKIY  VENIAMIN OSTROVSKY  VINCENT PAPA  VIRGILIO PAGLIUCA  VLADIMIR BEREZOVSKI  VLADIMIR LAZEBNIK  WENSHONG SHIEH  WILLIAM CHANG  WILLIAM LEAHY  WILLIAM MORGAN  YEFIM LEYBMAN  YONGQIANG SHEN  ZELIA COSTA  ZINOVY ALSHINE</p>
382	<p>ADRIENNE WALLACE  ALDRIN NANO  ALEKSANDR BOGUSLAVSKIY  ALEX ESTERKIN  ALEXANDER ZHDANOV  ALVARO ELORZA  ANATOLY TURKOV  ANDREW SOKOLOV  ANTHONY MARGARECI  ARTHUR GAVRILLES  ASHRAF MALK  ATHENA ELEFThERAKIS  BASILIOS TSINGOS  BETTERMAN REALTY INC  BOBY BARUA  BORIS GORBATY  DANE COOK  DARYLL DICARLO  DAVID LIBERMAN  DAVID ZIMM  DENNIS YANG  DIANA BOBOC  DMIRINO ZIGRINO  EDDY WONG  EMILE SYKES  ETHAN WENGER  FRANK GIULIANO</p>

**OCEAN AVE 2008 (Cont'd)**

382 GEORGE MAGRATH  
GERALD BRENNER  
GERTS LEMANIS  
GIDELINA PINEDA  
GIOVANNI MARTONE  
GLORIA FULLER  
HERMAN BROWNSTEIN  
HUGO ABDULLA  
IGOR KREYDIN  
ILYA SKALNIK  
JAE CHUNG  
JANE MATHEWS  
JANET KATZ  
JAVAIQ IQBAL  
JEFFREY WOO  
JEFFREY ZAGINAILOFF  
JERRY WILLIAMS  
JOANNE MAKER  
JOHN KANE  
JOHN MANSON  
JOSE GIRALDO  
JOSEPH GUARINO  
JUAN RAMIREZ  
JULIA SMELIANSKAIA  
JUNG JI  
KATHLEEN TATUM  
LEE KEITH  
LEO HORAN  
LEON AKODES  
LISA LAGASSE  
LOUIS NARDONE  
LOUIS SZOTTFRIED  
MARJORIE RICCI  
MARK ISMAYLOV  
MARK THOMPSON  
MAUREEN SATERIALE  
MICHAEL CHRYSANTHAKIS  
MICHAEL DELLORFANO  
MILADIN JANKOVIC  
NANCY MURPHY  
NICOLAI SERGEICHIK  
OSCAR JARAMILLO  
PAUL AGIUS  
PAVEL TUGARIN  
PEDRO CORDOVA  
RENATE GARCEAU  
RICHARD PENN  
RICHARD RIVARD  
RITA MAYDMAN  
ROBERT GERMAN



**OCEAN AVE      2008      (Cont'd)**

382	ROBERT MCCAUL RODRIGO BUSTOS ROSS BLOUIN SANDER YOUNG SCOTT MILLER SHIRLEY SHUMAN SIMON HORTON SPIROS ATHANAS STEVEN HERMAN SUSANNE MENINGER TANYA FRIEDMANN TATYANA GRANOVSKY THOMAS RALSTON UYU LEE VICTOR SNITKOVSKY VLADIMIR MAYZEL VLADIMIR PROTASOV WALTER CHEUNG WILFREDO LOPEZ WILLIAM LEE YEFIM BULAYEVSKY YEFIM ZIMBOVSKY YUEH CHEN
388	A GOUDA ABDEL DASILVA ABRAHAM MOSES AHMAD SELMAN AKIM CHANOU ALMEIDA JOBSON ANDI CILI ARTURO HERNANDEZ ARTURO HERNANDEZ BARBARA LARUE BETALE CORP BRADFORD CONSTRUCTION CHAYA BHUVANESWARA CONNIE ARBIA CONSTANCE MATARESE DAWN LIBERIS DAWN WOODMAN DIANE GIAMBRONE EDUWIGES MARTINEZ EVA BURNS FERNANDO ZATTA HELEN POLYDOROPOULOU HELMUTH KRISTEN HUSEIN MEHIC HYE CHONG INDIRA HALER JACK SADOW

**OCEAN AVE 2008 (Cont'd)**

- 388 JACQUELINE PALDI
- JAIME POGOZELSKI
- JAMES CLARKE
- JEAN CARVALHO
- JEFFERSON BARCELOS
- JOAN SILVERMAN
- JOANNE WILBURN
- JODI GERBER
- JOHN REYNOLDS
- JOHNNY VELASQUEZ
- KRISTEN CANDEIAS
- LILLIAN MOYNIHAN
- MARGARET MAES
- MARK OSTER
- MARY LASKEY
- MATTHEW SIDEN
- MAYYA LIKHERZAK
- MICHAEL DEVOID
- MICHAEL PLUMLEY
- MICHAEL PRESTON
- MUHAMED BILALIC
- N MURATA-YU
- NICOLE FARIA
- NIKO KRESTE
- NORKA VILLEGAS
- OCEAN PLACE TOWER
- OTONIEL ANGEL
- PAULA RUIZ
- RAMINE PARSA
- REDLANDS STUDIO
- ROBERT DUDLEY
- ROBERT MURPHY
- ROBERT TESTA
- RODRIEGO FRASSON
- ROSE PERRAULT
- SABRINA CRUZ
- SHANNON RAUWERDA
- STEVEN BELGIORNO
- T ALFRYAN
- WANG GONG
- WAYNE MARCOUX
- YOON LEE
- 394 ALLAN CARRIER
- ANGELO MORRETTI
- BRUNO SCHNEIDER
- CARABETTA MANAGEMENT CO
- CARLOS CARTAGENA
- CAROLINE SCOTT
- CHARLES VISVIS
- DOROTHY DEGEN

**OCEAN AVE 2008 (Cont'd)**

394 EDGE WATERS  
FANNY KEOHANE  
GEORGIA BEIT  
JANE CARDOSO  
JHONNY SHARMA  
JOHN KIZANIS  
KENNETH DASHO  
KHALID JEBARI  
LALITA BANDYOPADHYAY  
LINDA WEINSTEIN  
MARIA PAIGE  
MATHEW WALKER  
NICOLE HANAFIN  
PAL FOULDS  
PATRICIA CHAPETON  
PATRICK LLOYD-CLARE  
PAUL LASALA  
PEDRO ANGEL  
RACHEL BRADLEY  
RICHARD NAGLE  
SALVATORE ANASTASI  
SEAN KING  
STEVEN SCOTT  
SUSANNE ROSE  
TERESA RITENBURT  
VIRGINIA CIMMINO  
WATER EDGE LP  
WLODZIMIERZ JASTRZEBSKI  
YURY VILK

**OCEAN AVE 2003**

- 2 A BRAZZO
- ABRAHAM SCHNEIDERMAN
- ADAM DIVICO
- ALPHONSE MARANO
- ANNE MCLAUGHLIN
- ANTHONY PREVITE
- ANTONETTE MANCUSO
- BRENDA MCLANE
- CAROL MARSHALL
- CHRISTOPHER EARY
- DAVID MACDONALD
- DOROTHEA DERBA
- EDITH LOMBARDI
- EILEEN GRIESHABER
- ELAINE GADON
- ESTHER NEVLER
- FREDERICK KALAPINSKI
- GABRIEL FESTA
- GARY BLOUIN
- GEORGE TRINGALE
- IRENE SINGER
- JACK TOOMEY
- JOHN FERGUSON
- JOHN OBRIEN
- JOSEPH HADDAD
- JOSEPH MEDEIROS
- LAWRENCE ROMANELLI
- LISA PETRAGLIA
- LORRAINE PARSONS
- MARIE CONDELLI
- MARIE FIGLIOLINI
- MARK GARDNER
- MARY MAYNARD
- MARY VALENTINO
- MAX BURKIN
- MICHAEL AYERS
- MICHAEL MERRETT
- MICHAEL STRESSENGER
- MURIEL DESHOWITZ
- NATALIA JARDEN
- NICOLE DEVEAU
- NORMA SULLIVAN
- OCEAN POINT APARTMENTS
- PATRICIA CARIDEO
- PAUL AYERS
- PETER LEIZZA
- PHYLLIS HUNTOON
- RALPH BRIGGS
- ROBIN GENNARI
- RONALDO SICOTTE



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## OCEAN AVE 2003 (Cont'd)

2	ROSE DESIMONE ROSEMARIE MORETTI SHIRLEY NEVLER THOMAS HAMILTON WILLIAM CULP YVETTE COSTELLO
200	MARY BUFALINO RUSSELL LONG SHARYN ONEILL
201	GEORGE ASH
204	SANDRA SPIROS
264	OCEANSIDE VENDING
300	ARONOFF MICHAEL MD BEACH CHIROPRACTIC CHIN DANNY MD CTR FOR CMNTY INDPNDNC HEAD MASS CMNWLTH OF MDCL ASTNC METROPOLITAN HOME FINANCE CORP MGH REVERE HEALTH CARE CTR NATHAN MICHALE MD NELSON ANN MD PLEWS OGAN MARGARET MD SEASIDE SALES VINCENT J ZULLO ESQ WALD DEBORAH MD WEIL ERIC MD ZIMMERMAN CHRISTOPHER MD
338	J PIASECKI
346	P KONTANSETTY
354	GIRISH SINGH
364	A BACHA ADIB EGHTERAFI ALBERT PALDI ALICIA MATTHEWS AMOD CHANDE ANDREW GRECO ANTHONY DAWSON BING YU C LIN CARLA BARONE CHANG LEE CHEN LIU CHIKAKO TOGO D GLASS DAVID LEONG DEJAN JANKOVIC DEVON JONES E NORMAN ELIZABETH PEREIRA EMILIO ARMAND

**OCEAN AVE 2003 (Cont'd)**

364 FRANCESCO FILHO  
HEIDI MACK  
HORTENCIA DURAN  
J BELFIORE  
J KIM  
JACQUELINE GRANDE  
JAMES STEELE  
JEFFREY HUBBELL  
JOAN HARRINGTON  
JOHN HAJINLIAN  
JOSEPH LAURANO  
KARRIMA AMAR  
KEN KOJIMA  
LEE GOLDBERG  
LINDA MARGOLIS  
LORI MAGEE  
M RAHMAN  
MARK WILLIAMS  
MARWAN YAGHMOUR  
MEHMET KUGU  
MICHAEL HAMBLIN  
MOHAMED SFIAT  
NASREDIHE BENSALAH  
OCEAN SHORE TOWER  
P LERATE  
P POKURI  
RENEE SYNNOTT  
RITA ROMANO  
ROBERT HANRAHAN  
ROBERT MURRAY  
ROLAND FIELD  
SCOTT SATTLER  
SECURITY COURIER CORP  
SHIH HUANG  
SUSHRUT VAIDYA  
T OKADA  
TAKESHI TSUKAMOTO  
UPPER CUT  
V RAMAKRISHNAN  
VINCENT EVANCHUK  
WAYNE SCOTT  
WENDY CARTER  
WILLIE NUENLIST  
YIU LAM  
370 ALAN BARILE  
ALEXANDER POPOV  
ANNE STRUTHERS  
ANNMARIE POLIZZI  
ARTHUR BELMONTE  
BABATUNDE OGUNDIPE

**OCEAN AVE 2003 (Cont'd)**

370 BETTE PETRICKO  
BOB SIGMUND  
BOB VANDENOORD  
BORIS KOZOREZ  
BRENDA MORNEAULT  
C SHAY  
CARL EGNER  
CARLOS AMARO  
CHARLES MOORE  
CINDY MONTGOMERY  
DARIWAN TANLAMAINGAM  
DAVIDSON BETTERO  
DIVERSIFIED MARKETING SERVICES  
DOMENIC ALOISE  
EDGE WATERS  
ELISA REYES  
EMANUEL DISTEFANO  
EMIR CAUSEVIC  
GEORGE GEHRIG  
GRETCHEN LUNGER  
HENRY MARCOTTE  
HENRY VETRANO  
HUNG TRAN  
J RHODES  
JAMES TRIDER  
JOHN POLLINA  
JOSEPH GRABOSKY  
JOSEPH MATERNIA  
JOSEPHINE MARCH  
KYLE INGOLS  
LOUIS DIPIETRO  
LUBOV KOOTS  
LUCIELLE LIBERATO  
LYNN WELLMAN  
MARKO MITROVIC  
MICHAEL LOO  
MICHELLE CARON  
MOHAMMAD SHAH  
NANCY SCHAEFFER  
NELLA NESOM  
ORIT MALKA  
PATRICIA EVANS  
PAVEL TUGARINA  
PHILIP NUTTING  
R CANDIDO  
R TESCH  
ROBERT BERGMAN  
ROBERT IANNACCONE  
ROBERT WHITE  
SERGEI TISHCHENKO

**OCEAN AVE      2003      (Cont'd)**

370	SUBIN MATHEW TRAN HUNG TRISTAN PACKER VICTOR ANDREEV WILLIAM DICARLO
376	ALEKSANDR BOGUSLAVSKII ALEXANDER GLINA ALEXANDER NEMETS ALI BEIGLARI ALINA MOTIENKO ALLAN WATCHMAKER ANGELO SANTOSCA ANTHONY BARBARO ANTHONY PENZABENE ARMINDO GONCALVES AZAD ARSENIAN BARRY ROCKLIN BENJAMIN OSTROVSKY BORIS SHAPETON C ASTON CATHERINE WU CHAD SILVA CHERYL TONGE CHRIS CATALDO CYNTHIA MODRY DAVID ALOISE DAVID BERKELEY DAVID DANG DENNIS LEWIS DIANE PORCARO DUNCAN DIMENSIONS EDGAR MULLIN EDITH RADZIEWICZ EDITH RADZIEWIRZ EDMUND JAGASPANIAN EDWARD COLAMETA EDWARD KROVITZ EDWARD OUELLETTE EDWARD SHERR ELEANOR MCFARLAND ELI MOFFIE EMILIA MULJADI ERIC MUMFORD ESTELLE CORIN FRANCIS SARNO FRANK ENGLISH FRANK KING FREDERICK LAWTON GEORGE GOLDEN GEORGE PATTI



**OCEAN AVE 2003 (Cont'd)**

376 GEORGE TRACHTENBERG  
GISELLE CIANO  
GUILLERMO CASTANO  
HOWARD TOLTZ  
ILYA ALSHINE  
IRINA BORODYANSKAYA  
IRINA BORODYNSKAYA  
J TAMMARO  
JAMES FOROSISKY  
JAMES MOSCHITTO  
JAMES SARAF  
JANE MA  
JANET AUCELLO  
JANET OSGOOD  
JENNIFER WILLIAMS  
JERRY MAGERER  
JOANNE GIANNINO  
JOHN COX  
JOHN CUMISKEY  
JOHN KINGSLEY  
JOHN OROURKE  
JOHN POWERS  
JOHN TOOMEY  
JOHN WATTS  
JOSEPH CODY  
JOSEPH DIOGUARDI  
JOSEPH LABADINI  
JOSEPH SABLONE  
JOSEPH VOTO  
JOSEPH ZAMPANTI  
K KOCH  
K LEE  
KEVIN MOORE  
LEO MELLACE  
LEROY TIBBS  
LIDIYA TERETYEVA  
LORETTA ZULLO  
MANISH MISRA  
MANNY AIRES  
MARIE COLE  
MARILYN KLINK  
MARILYN KUCERA  
MARINA GENDEL  
MARY CHWALISZEWSKI  
MARY PORRAZZO  
MATTHEW MCGOVERN  
MATTHEW RIVA  
MICHAEL COLLINS  
MICHAEL COLONNA  
MICHAEL HAROL

**OCEAN AVE      2003      (Cont'd)**

376      MICHAEL LAURANO  
MICHAEL WATCHMAKER  
MIKHAIL KRAVETSKIY  
MURAT KILIC  
N MARANO  
NANCY MAIORANO  
NEW BOSTON HAIR DESIGN  
NICOLE LUIKART  
NORMAN BERKOWITZ  
OWEN QUILTY  
P & D CONVENIENCE  
PAUL FRESCO  
PAUL HARTNETT  
PAUL NG  
PETER CHOE  
PIETRO CACCIATORE  
PRABHJOT GREWAL  
RACHAEL MCDONALD  
RACHAEL SOKOV  
RAMESH BARLA  
RHONA EHRLIN  
RITA NORVIN  
ROBERT BUHLMAN  
ROBERT GRIFFIN  
ROGER OAKLEY  
RON AMIDON  
ROSE ROMAGNA  
SEAWATCH TOWER CONDOS  
SIDNEY BORNSTEIN  
STEPHEN BRADY  
STEVEN KELLEHER  
SVETLANA TROSCHENKO  
T ACKROYD  
THOMAS DUNNE  
TITO VINCENTE  
TOWER SEAWATCH  
VADIM FLEKEL  
VIRGILIO PAGLIUCA  
VLADIMIR LAZEBNIK  
WEN CHAN  
WEN SHIEH  
WILLIAM CHANG  
WILLIAM EMMETT  
WILLIAM LEAHY  
WILLIAM LIU  
WILLIAM MORGAN  
WILLIAM MUELLER  
YEFIM LEIBMAN  
YEGOR DROZDOV  
YONG SHEN

**OCEAN AVE 2003 (Cont'd)**

382 ADRIANA NASSOR  
ADRIENNE WALLACE  
ALEKSANDR BOGUSLAVSKIY  
ALEX ESTERKIN  
ALEXANDER ZHDANOVA  
ALEXSEY TURKOV  
ALLA SOKOLOV  
ANATOLY TURKOV  
ANDREA FALIS  
ANDREW SOKOLOV  
ANNE HERMAN  
ANTHONY ALBA  
ANTHONY MARGARECI  
ANTONIO FEDERICO  
ASHISH TESAI  
ASHRAF MALK  
ATHENA ELEFThERAKIS  
B EDWARDS  
BERTRAM SHER  
BOB DUHAINY  
BORIS GORBATY  
BRIAN TREANOR  
C PASS COMPUTER SYSTEMS CORP  
CPASS CORP  
DAN ROCHETTE  
DARYLL DICARLO  
DAVID BARRY  
DAVID RAVALLI  
DENNIS SULLIVAN  
DENNIS YANG  
DONALD GERAGHTY  
DONNA COOK  
DOUGLAS STEED  
E CORDEIRO  
EDDY WONG  
ELOUCINE LABECHE  
ERIC ARONOV  
ESAT GUNEY  
FRANK GIULIANO  
GANDHALI Bhole  
GEORGE ASHER  
GERALD BRENNER  
GILLEN TAIBI  
GLORIA FULLER  
HARRY ELLMAN  
HELEN TSINGOS  
HERBERT SERPA  
IGOR KREYDIN  
ILYA SKALNIK  
INTERACTIVE REQUIREMENTS INC

**OCEAN AVE 2003 (Cont'd)**

382 JANE MATHEWS  
JAVAID IQBAL  
JAVAID IQHAL  
JEFFREY MOLL  
JEFFREY WOO  
JENNIFER YOUNG  
JOSEPH GUARINO  
JULIA SMELIANSKY  
KATHLEEN FERRELLI  
KATHLEEN PERRY  
KATHLEEN TATUM  
KEN DIFRAIA  
LARISA KALISH  
LAURA ASLANIAN  
LAURA COLLINS  
LEE KEITH  
LENORE C SHERRILL  
LEO HORAN  
LOKON HAIR SALON  
LOUIS GILARDI  
LOUIS NARDONE  
LOUIS RUDZINSKY  
LOUIS SZOTTFRIED  
LOUISE POWERS  
M PUSEY  
MAH JABEEN  
MARILYN YORK  
MARIYA VILNER  
MARJORIE RICCI  
MARK ISMAYLOV  
MARK THOMPSON  
MARTIN DILIEGRO  
MARY HESLIN  
MATTHEW EATON  
MAUREEN SATERIALE  
MICHAEL DELLORFANO  
MICHAEL DURAKOVSKY  
N GRANITSAS  
NABIL SAFWAN  
NADIA BENALI  
NANCY MURPHY  
OCEAN GATE TOWER CONDO  
PAUL AGIUS  
R CHARLOTTE  
REBECCA CAZABON  
RENATE GARCEAU  
RICHARD LOGUE  
RICHARD PENN  
RICHARD POWERS  
RICHARD RIVARD

## OCEAN AVE 2003 (Cont'd)

382 RITA MAYDMAN  
 ROBERT MCCAUL  
 ROBERT PELLEGRINI  
 ROD SULLIVAN  
 ROMANINH MEWDITTA  
 ROSS BLOUIN  
 SCOTT MILLER  
 SEAN GABRIEL  
 SERGE PYLKOVAS  
 SERGEJUS PYLKOVAS  
 SHERRILL LENORE C & STEPHEN  
 SHIRLEY SHUMAN  
 STEPHANIE SANDLER  
 STEPHEN BOSWORTH  
 STEPHEN GAVRILLES  
 STEPHEN SHERRILL  
 STEVEN BETTERMAN  
 STEVEN HERMAN  
 SUNIL DESAI  
 SUSANNE MENINGER  
 TANYA FRIEDMANN  
 TANYA GRANOVSKY  
 TATIANA SMELIANSKI  
 TERRY GORDON  
 THE INFO MAXX INC  
 THOMAS RALSTON  
 TONY DELUCA  
 UYU LEE  
 VICTOR SNITKOVSKY  
 VLADIMIR MAYZEL  
 WALTER CHEUNG  
 YEFIM BULAYEVSKY  
 YEVGENY ARCHIPOV  
 ZIAD NEJMELDEEN

388 AARON WATSON  
 ABDEL DASILVA  
 AMAN KALIA  
 AMANDA SWIST  
 ANAND VENKATARAMIAH  
 ANDERSON ROMANHUKY  
 ANJUN ZHOU  
 ARTHUR FERRAGAMO  
 ASHISH PANT  
 BARBARA LARUE  
 BERNICE GALLAGHER  
 C PALLADINO  
 CARALAVA INGRAM  
 CARLOS CRYSPIN  
 CESAR GARCIA  
 CHRISTOPHER DIFRAIA

**OCEAN AVE 2003 (Cont'd)**

388 CONSTANCE MATARESE  
D WRIGHT  
DANIEL GARRIDO  
DAVID CARDER  
DAWN WOODMAN  
DEBORAH ABREU  
DJAMEL AMRANE  
DONIKA KRESTE  
E MEMILI  
EARL MISQUITTA  
EDGAR ECHAVARRIA  
EDUWIGES MARTINEZ  
EDWIN ABIRAHAM  
ESTELLA JOHNSON  
EVA ENGLE  
F VERASGUARINO  
FERNANDO ZATTA  
FRANCES MAHAN  
GILMAR BANDEIRA  
GLEN GOODWIN  
HAIDAR MURTADA  
HERNAN RESTREPO  
HUSEYIN GOKCAN  
HYE CHONG  
IZABELLA BUTAYEVA  
J SCHILLING  
JACK SADOW  
JACQUELINE PALDI  
JACQUELINE RUIZ  
JAMES RUSSO  
JEANNE MALCHOW  
JOAN SILVERMAN  
JOANNE WILBURN  
JOHN HAUG  
JOO LEE  
JUN ZHAO  
K JANKOWSKI  
KARL CLAUSER  
KENICHI SATO  
KHALIDA PARVEEN  
KRISTEN CANDEIAS  
MAKAZI MTINGWA  
MANOHAR JOHN  
MARGARET MAES  
MARK OSTER  
MATTHEW SIDEN  
MICHAEL PRESTON  
MOKHTAR BOUFARES  
MUHAMED AVDIC  
N MURATA-YU

**OCEAN AVE 2003 (Cont'd)**

388 NEAL KRAUSE  
NICOLE FARIA  
OCEAN PLACE TOWER  
P RUIZ  
PATRICK LILLIS  
PAUL BOWERS  
PHYLLIS RUNCI  
POLINA MARSHAKOVA  
R ALOMANI  
RAVI ASIRWATHAM  
REDA TABIKHA  
REINE TABIKHA  
RICARDO VEIGA  
ROBERT MURPHY  
ROBERT TESTA  
RONALD HOOD  
RONALD RIBECK  
ROSE PERRAULT  
S RODRIGUES  
SCOTT HARLAN  
SHANNON WARREN  
SITARAM ALLA  
STACEY WYMAN  
STEVEN BELGIORNO  
SUNG KIM  
THOMAS KNOTTS  
THOMAS RALSON  
TIMOTHY KING  
TREVOR SOUCY  
WANGSON GONG  
YOON LEE  
YUEN FONG  
ZAHIRA BELOUAD  
394 A STEINHOFF  
ANATOLI CHKLOVSKI  
ANDREI DOUDKINE  
ANGELINA MONELLO  
ANGELO MORRETTI  
ANTHONY CARRABBA  
B LEUNG  
BEVERLY MCCOY  
CAESAR CARDENAS  
CARABETTA MARKETING OFFICE  
CARL ERIKSON  
CAROLINE SCOTT  
CATHLEEN DEVER  
CHARLES VISVIS  
CHRISTINE HURLEY  
CHRISTOPHER KWILOZ  
D DEMONT

**OCEAN AVE 2003 (Cont'd)**

394 EDGE WATERS  
 EDWARD MCLAUGHLIN  
 ELAINE MEHIGAN  
 EVELYN CARABETTA  
 FRANCIS SCHNEIDER  
 G MADSEN  
 GEORGE HARTZ  
 GLYNN PETERSON  
 GREGORY HUNTER  
 HYEONG LEE  
 IGMAR AZEVEDO  
 JEFF MORAN  
 JHONNY SHARMA  
 JOHN KIZANIS  
 JOHN MULCAHY  
 JOSHUA WEINSTEIN  
 JUDY MOORE  
 K OSHIMA  
 KARSTEN WURMSTICH  
 KATE GRIFFIN  
 KERRY DONOVAN  
 LARRY JONES  
 LAWRENCE BROWN  
 M PAIGE  
 MARA VALENTINE  
 MATHEW WALKER  
 MATTHEW HILLER  
 MICHAEL MARKO  
 PAL FOULDS  
 PAUL LASALA  
 PAUL PETROV  
 REGINA BALDINI  
 RICHARD NAGLE  
 ROBERT TOH  
 ROSE CATENA  
 RUEI CHEN  
 SAL GIAMBARRESI  
 STACY POOLE  
 TERESA RITENBURT  
 THOMAS MORHOUSE  
 TIMOTHY GUIRY  
 TODD PUGATCH  
 VADIRAJ KARODY  
 VIRGINIA CIMMINO  
 VIRGINIA CUTULLE  
 WLODZIMIERZ JASTRZEBSKI  
 WONSEOK CHOI  
 399 BENJAMIN SIEGEL  
 620 MASS COMM OF MDC



**OCEAN AVE 1999**

2 ABRAHAM SCHNEIDERMAN  
B MCLANE  
BERT MERRETT  
CARMEN MORETTI  
CELIA SIMON  
DANA MUSTONE  
DAVID MACDONALD  
DAVID MARRA  
E EARY  
E TANSEY  
EDITH LOMBARDI  
EILEEN GRIESHABER  
F KALAPINSKI  
GARY BLOUIN  
GEORGE TRINGALE  
IRENE SINGER  
JAMES GILLEN  
JAMES OBRIEN  
JOAQUIN PEREZ  
JOHN OBRIEN  
JOHN PEREZ  
JOSEPH DIDIO  
JOSEPH HADDAD  
KAREN KIRKPATRICK  
KAREN KIRPPATRICK  
L PARSONS  
L ROMANELLI  
LARRY CROCE  
LORIANN GENNACO  
LOUIS GILARDI  
M CONDELLI  
M DESHOWITZ  
M PONZO  
MARY TOOMEY  
NORMA SULLIVAN  
OCEAN POINT APARTMENTS  
P AYERS  
PETER LEIZZA  
PETER SALVITTI  
PHYLLIS HUNTOON  
R DESIMONE  
R KATZ  
RALPH BRIGGS  
RICHARD ARMSTRONG  
ROBERT FINESTONE  
RONALDO SICOTTE  
ROSE PETRAGLIA  
S NEVLER  
SUSAN IZZO  
TERESA LOMBARDI

## OCEAN AVE 1999 (Cont'd)

2	THOMAS HAMILTON THOMAS KEARNS V ZUNINO WILLIAM MURPHY Y COSTELLO
33	WALTER EWING
39	LEI ZHAO
90	MINGS RESTAURANT
200	MARY BUFALINO SHARYN ONEILL TANIA IAGALLO
201	GEORGE ASH
204	DONALD BARNES MICHELE SPIROS
264	OCEANSIDE VENDING
265	PHYLLIS WYNE
282	L BASTABLE
284	BUDDYS B K LOUNGE
300	ARARAT MORTGAGE CORPORATION BEACH CHIROPRACTIC CENTER FOR COMMUNITY INDEPENDENCE HEAD INJURY REHABILITATIO CHIN DANNY MD DAISY REALTY TRUST EGAN HARWOOD MD ENERGO INCORPORATED FIRST INSURE INS FIRST PHONE FREEDMAN GARRY N CHIRPRCTR INTERLINK JOKELA JANET MD KONOPASEK LYBUBA MD LASTER SUSAN MD LDDS WORLDCOM M G H REVERE HEALTHCARE CENTER GENERAL INFORMATION M G H REVERE HEALTHCARE CENTER INTERNL MEDCN ADLT M G H REVERE HEALTHCARE CENTER PEDIATRICS MARATHON DEVELOPMENT CORPORATION MASS COMMONWEALTH OF TRANSITIONAL ASSISTANCE DEPARTMENT MCGEHEE MARGO MD METROPOLITAN ACCEPTANCE CORPORATION NATHAN MICHAEL MD NELSON ANN MD OCEAN CAPITAL CORPORATION OLSON LAURA MD PARTNERS HEALTH CARE PASINSKI ROGER MD PLEWS OGAN MARGARET MD ROCA REVERE RUSSIAN AMERICAN FOUNDATION SATIN JAY PAUL ATTORNEY

**OCEAN AVE      1999      (Cont'd)**

300	SEASIDE SALES SHIELDS CHRISTINE MD SWEETNAM SANDRA MD THADHANI VALERIE MD WALD DEBORAH MD WIC(( WOMEN INFANT AND CHILD)) ZIMMERMAN CHRISTOPHER MD
325	RALPH FORGIONE
364	A RAO A TSIKITIS ADAM SHANNON ANDREW GRECO ANTHONY JONEATIS ANTONIO LUCCHESI AVINASH PHILLIPS BRIAN POLLACK CARABETTA RALPH ATTORNEY CARLOS OLIVEIRIA CHANG LEE CHARLES SHURTLEFF DIMITRI ZDOROV E OSTROW EARL WRIGHT GORD ABRAHAM HAROLD CORREA ILSOON SHIN INSPIRATIONS BY IVY BETH J BRETHERICK J GRANDE J TROUSSE JAIRO AYALA JEFFREY PRIEST JOHN HAJINLIAN JOHN MIDDLETON JONAS MACHADO JUNG CHO K GALE KELLY SWIGERT KEN KOJIMA L GOLDBERG L MARGOLIS L SINCLAIRE LEONARD GUARENTE LIANA PETROSINO MAUREEN ONUIGBO MEH INTERNATIONAL INCORPORATED MICHAEL BARBER MIGUEL MACHADO MUSTAFA GUZEL OCEAN SHORE TOWER

**OCEAN AVE 1999 (Cont'd)**

364 P POOVARATANAKUL  
R ROMANO  
R SHEELY  
RAJ GOPAL  
RICHARD LAURANO  
ROBERT HANRAHAN  
S NASON  
S SHARMA  
SECURITY COURIER CORPORATION  
SENADA MALIKIC  
SHIH HUANG  
SUK KIM  
SURESH BALARAMAN  
TERRI HAWLEY  
TRISTEN KWAN  
UPPER CUT THE  
WAYNE SCOTT  
Y CHOI  
370 ALAN BARILE  
ANDREW CAMPBELL  
ANN MOZZETTA  
ANTHONY RICCILOI  
ARTHUR BELMONTE  
B MORNEAULT  
B PETRICKO  
BELLA TUGARINA  
C KONGKATIGUMJARN  
CHARLES MOORE  
DANIEL KEEHAN  
DIANE ENGLAND  
DIANE ROSSI  
DOMENIC ALOISE  
DON BELL  
ELISA QUINONES  
EMANUEL DISTEFANO  
ERIK ERGEN  
G MALTEZ  
GEORGE GEHRIG  
INGO STUCKMANN  
J BARBIERI  
J WORTHINGTON  
JIN PARK  
JOE CHAVES  
JOHN MCCARTHY  
JON BEARD  
JOSEPH CALLANAN  
JOSEPH MATERNIA  
JULIA SMELIANSKAIA  
KENICHI NAMBA  
L RAUSCHER

**OCEAN AVE      1999      (Cont'd)**

370	LISA MUKOYAMA LUIS LEJTER M HYTOWITZ M RUIZ MANOJ PONGJIT MICHAEL LOO NIKOS SOUKOS O MEHAYA P EVANS P LIAROPOULO P RINGHOFF PETER DAIKOS PETER MCNULTY PHILIP NUTTING R BASS RICK DARROW ROBERT IANNACCONE ROBERT WHITE RUBEN OLIVEIRA S ONEILL SADAYI LINGALA SALLY SHELTON SARAH ALGANM SEASIDE DRY CLEANERS W CHUWONG WILLIAM DICARLO YING QIAN
376	A DAVIDSON A NEMETS AJAY ARIGALA ALFRED PAGLUICA ALI BEIGLARI AMY BJORQUIST ANTHONY BARBARO ANTHONY PENZABENE ANTHONY SERINO ARMINDO GONCALVES AZAD ARSENIAN B LANGONE B MUCCI BARRY ROCKLIN BILL MORGAN C CATALDO C HAROL C OTOLO CARLO MOMGHINI CHERYL TONGE CIREN GHOUGHASIAN DARRYL WILLIAMS DAVID ALOISE

**OCEAN AVE 1999 (Cont'd)**

376 DAVID BERKELEY  
DENNIS LEWIS  
DMITRY MYSH  
E VILKER  
EDDIE COLAMETA  
EDGAR MULLIN  
EDITH RADZIEWICZ  
EDMUND JAGASPIANIAN  
EDWARD KROVITZ  
EDWARD MCFARLAND  
ELENA KOVALENKO  
ELI MOFFIE  
ESTELLE CORIN  
F LAWTON  
FRANK BOTTICELLI  
FRANK KING  
G FINN  
GEORGE GOLDEN  
GERALD FINN  
GILBERT OSGOOD  
HELEN GLINA  
HOWARD TOLTZ  
IRINA BORODYANSKAYA  
J GIANNINO  
J SELLITTI  
JACK TOOMEY  
JAMES MOSCHITTO  
JANE MATHEWS  
JEANNIE CHOE  
JERRY MAGERER  
JOHN COX  
JOHN KINGSLEY  
JOHN OROURKE  
JOHN POWERS  
JOSEPH HOULE  
JOSEPH SABLONE  
JOSEPH VOTO  
K CRESPI  
KELLIE KIM  
LEO MELLACE  
LEROY TIBBS  
LIDIYA TERETYEVA  
LINDA SIEGAL  
LIONEL BERNIER  
LISA GAYLARDI  
LOUIS TUCCITTO  
M CHWALISZEWSKI  
MADU NARAHARI  
MAJID JAMALI  
MARCY PENN

**OCEAN AVE 1999 (Cont'd)**

376 MARINA GENDEL  
MATTHEW MCGOVERN  
MICHAEL BONSIGNORE  
MICHAEL COLLINS  
MICHAEL COLONNA  
MICHAEL FEIN  
MICHAEL LAURANO  
MIKHAIL KRAVETSKIY  
NEW BOSTON HAIR DESIGN  
NINA IRLENDER  
OMAR YOUNOSSI  
ORIZE MONTEIRO  
OWEN QUILTY  
P & D CONVENIENCE  
PAUL FRESCO  
PAUL HARTNETT  
PETER GILBOURNE  
R SEYYEDAN  
RAVI CHANDRAN  
RAYMOND LAFLEUR  
RHONA EHRLIN  
RITA NORVIN  
ROBERT BEAULIEU  
ROBERT BUHLMAN  
ROBERT GRIFFIN  
ROGER OAKLEY  
RUSSELL LOPEZ  
S WEBSTER  
SANDRA MAHAN  
SANDRA SWAILE  
SEAWATCH TOWER CONDOS  
SIDNEY BORNSTEIN  
SONYA ENGLISH  
STEPHEN BRADY  
STEVEN KELLEHER  
SUZI WALES  
THOMAS DUNNE  
V OSTROVSKY  
V PAGLIUCA  
V VITAZKA  
VADIM FLEKEL  
VINCENT PAPA  
W KELLEY  
WEN CHAN  
WILLIAM AHERN  
WILLIAM CHANG  
WILLIAM EMMETT  
WILLIAM LEAHY  
WILLIAM LIU  
Y LEIBMAN

**OCEAN AVE 1999 (Cont'd)**

376 YEFIM LEYBMAN  
YONG SHEN  
ZULLO VINCENT J ESQ  
382 A BOGUSLAVSKIY  
A FALIS  
A KOUYOUNDJIAN  
A SHERMAN  
A WALLACE  
ABRAM GEIFMAN  
ADRIANA LOGUE  
ADRIANA NASSOR  
ALEX SHVER  
ALISON GORDON  
ANATOLY TURKOV  
ANDREW ADDERLEY  
ANDREW SOKOLOV  
ANNA SNITKOVSKY  
ANTHONY MARGARECI  
ANTONIO FEDERICO  
AUDREY KAIDEN  
BORIS GORBATY  
C GILMAN  
C MUSE  
C NELSON  
C PASS COMPUTER SYSTEMS CORPORATION  
CARL LEUCI  
CECELIA CHOI  
D COOK  
DARYL DICARLO  
DAVID BARRY  
DAVID MACLEOD  
DENNIS YANG  
DIMITRA ARISTIDOU  
DOUGLAS RINGLER  
E LABECHE  
EDDY WONG  
ERICA APICCO  
FRANK GIULIANO  
GERALD SHUMAN  
GLORIA FULLER  
H DAKIRI  
HARRY ELLMAN  
HERBERT SERPA  
IOANNIS GLEGLES  
JAMES RAGO  
JEFFREY WOO  
JOSEPH FOWLER  
JOSEPH GAURINO  
JOSEPH NAWROCKI  
K PERRY



**OCEAN AVE 1999 (Cont'd)**

382 K TATUM  
KATE ZHDANOVA  
KEN DIFRAIA  
KEVIN LEE  
KRISTEN POWERS  
LAURA ASLANIAN  
LEE KEITH  
LEO HORAN  
LISA FAGAN  
LOUIS GILARDI  
LOUIS NARDONE  
LOUIS RUDZINSKY  
LOUIS SZOTTFRIED  
M DESALVO  
M RICCI  
MARILYN YORK  
MARIYA VILNER  
MARK GILLEN  
MARK THOMPSON  
MARTIN DILIEGRO  
MARY HESLIN  
MASSIMO RUFO  
MAUREEN SATERIALE  
MICHAEL DUHAMEL  
MICHAEL MUCHNIK  
NIKOLAI RZHANIKOV  
OCEAN GATE TOWER CONDOMINIUM  
OLGA DELLORFANO  
P NISTORENKO  
PAUL AGIUS  
PETE ZACCONE  
PETER HART  
R CHARLOTTE  
RAYMOND CHUN  
RENATE GARCEAU  
RICHARD PENN  
RICHARD RIVARD  
ROBERT KINSELLA  
ROBERT MCCAUL  
ROBIN SOBOLEWSKI  
ROD SULLIVAN  
ROGER HANCOCK  
ROSS BLOUIN  
RUTH CONDON  
S BETTERMAN  
S MENINGER  
S SANDLER  
S SHERRILL  
STANLEY PETERS  
STEPHEN GAVRILLES

**OCEAN AVE      1999      (Cont'd)**

382	STEPHEN SHERRILL STEVEN CONSTAS STEVEN HERMAN SUNIL DESAI SUSAN ELOLAMPI TATIANA SMELIANSKI TATYANA GRANOVSKY THOMAS RALSON THOMAS RALSTON TODD LIVOLSI TONY DELUCA V MAYZEL WALTER CHEUNG YEFIM BULAYEVSKY Z NEJMELDEEN
388	AIDA SAMADYAHAYA ASHISH TESA AYSE DUMANLI B LARUE BERNICE GALLAGHER BRENDA THOMPSON BRIAN BAUM BUDDY RING C ASHRAFKHAN C CHUNG C FLESC C MATARESE C MCAULIFFE C MURPHY CATALIN DAN CRAIG CAPLAN D ABREU D WAGNER DAVID GOLDBERG DURGA GADDIPATI ELWIN TOBING EVA ENGLE F SULEIMAN FRANCES MAHAN GARY PANTREY GLEN GOODWIN GREG BOTOLINO H CHUN H KWON HYE CHONG INDIRA KUDVA IRINA KONYUSHENKO J SIMS JAIME POGOZELSKI JEFFREY BERG

**OCEAN AVE      1999      (Cont'd)**

388      JEFFREY MOFFETT  
 JIHOON AHN  
 JOHN MANOHAR  
 JON PILON  
 JOO PARK  
 JOSE HEISECKE  
 KAMAL DESAI  
 KAREN MORAN  
 KEVIN TAM  
 LARRY CONDON  
 LENA SIEGEL  
 LEONID KUPERMAN  
 LISA MEENTEMEYER  
 M SHERBURNE  
 MARK FREY  
 MAUREEN NIONAKIS  
 MELISSA COVIELLO  
 MERCE GARCIA  
 MICHAEL CUTILLO  
 MICHAEL PRESTON  
 MIKE CHO  
 MUHAMED AVDIC  
 NED TABIKHA  
 NORKA VILLEGAS  
 OCEAN PLACE TOWER  
 P LILLIS  
 PATRICE FOTINO  
 PAUL WHELCHER  
 PEICHUN LIN  
 R BONA  
 RAHMAN IBRAHIMOVIC  
 REINE TABIKHA  
 RENEE CANDILIERI  
 ROBERT DUGAN  
 ROBERT TESTA  
 ROSE PERRAULT  
 RYAN CASCO  
 S OSMAN  
 SARAH BREYFOGLE  
 SAUD ALMUTAIRI  
 SCOTT VELAZQUEZ  
 SEUNG YOO  
 TAHANI BARRAJ  
 THOMAS NADEAU  
 THOMAS RALSON  
 TIAN HAN  
 TIMOTHY HOLMES  
 TOUFIC NABBOUT  
 V CALDER  
 VALERIE SOCHA

**OCEAN AVE 1999 (Cont'd)**

388 VIPUL PATEL  
WALTER MURRAY  
WARREN KIM  
Y LEE  
YU MURATA  
394 A STEINHOFF  
AARON WHITNEY  
ABEGAIL FRIAS  
ANGELO MORRETTI  
ANWER SHEIKH  
B CHARNCHOOCHAI  
C DEVER  
CARABETTA MARKETING OFFICE  
CHARLES DEWBERRY  
CHIP KIM  
CHRIS PETROFF  
D DELOSSANTOS  
D PURANDARE  
DAVID ETCHISON  
DAVID SKIPPER  
DOROTHY DEGEN  
EDDIE MOURA  
EDWARD CROUCH  
ERNEST GATES  
FAHD ALSUBAIE  
GIANNI MATASSONI  
GUY GIARDINA  
HARRY HUGHES  
HOWARD JUNG  
I CIDAMBI  
JAMES CONNOLLY  
JANIA PISERA  
JEFFREY ZUNICK  
JIGNESH PATEL  
JOHN GLADDING  
JOHN KIZANIS  
JORGE RAAB  
JOSEPH HA  
JOSEPH WALSH  
JOYCE CUSHMAN  
JUAN HEINS  
JUAN ROCHA  
JUNE PARK  
K SUTTIE  
KELLY WONG  
KURT ESSER  
L BROWN  
L CAIXETA  
L CHESTER  
LORI GLOVINSKY

**OCEAN AVE 1999 (Cont'd)**

394	LUISA DOSKALIYEVA
	M YAMANI
	MARIO MARCASSOLI
	MARK LAMBERLY
	MICHAEL MASTROPASQUA
	MINDY LANGER
	MURAT KILIC
	NANCY MURPHY
	P AMABILE
	PAUL FIREHAMMER
	PIERO BORDONI
	RICHARD NAGLE
	ROBERT FISCHER
	ROBERT FRIEDMANN
	RUTH MARICOLA
	S HALYAL
	SEAN KING
	T GUTIERREZ
	T OSANAI
	TERESA RITENBURT
	TIMOTHY CASARA
	TINY TOTS LEARNING CT
	V CIMMINO
	W JASTRZEBSKI
	WATERS EDGE TOWER
	YIXIN FAN
504	DAVID RAVALLI
620	MASS COMM OF MDC
650	KIEWIT EASTERN COMPANY

## OCEAN AVE 1995

2      AHEARN, HELEN  
       ARMSTRONG, RICHARD D  
       BELMONTE, A M  
       BLOUIN, GARY P  
       BRIGGS, IRENE & RALPH  
       BURKIN, MAX  
       CONDELLI, M  
       CONLON, M  
       COSTELLO, Y  
       DESHOWITZ, M  
       DESIMONE, R M  
       DIDIO, JOS F & LILLIAN  
       DOWNS, KIMBERLY  
       GERSON, HARRY  
       GILLEN, JAMES  
       GIUFFRE, PETER  
       GOLDBERG, LOUIS  
       HADDAD, JOSEPH  
       HAMILTON, THOMAS A & CAROLINE  
       HUNTOON, PHYLLIS L  
       KALAPINSKI, FREDERICK  
       KATZ, R  
       KEARNS, THOS P  
       KELLY, ROSE A  
       LIMONE, RALPH  
       LOMBARDI, EDITH L  
       LOMBARDI, TERESA  
       MACDONALD, DAVID T  
       MARRA, DAVID A  
       MCLANE, B S  
       MURPHY, WM P  
       NEVLER, S  
       O'BRIEN, JAS W  
       OCEAN POINT APARTMENTS  
       ORLANDELLA, M R  
       PARSONS, L M  
       PETRAGLIA, ROSE  
       ROBERTS, EDW  
       ROMANELLI, LAWRENCE M  
       SCHNEIDERMAN, ABRAHAM & PAULINE  
       SHAFFER, HENRY & BEATRICE  
       SICOTTE, RONALDO G  
       SIMON, JAS  
       SINGER, IRVING  
       SULLIVAN, N  
       TOOMEY, JAMES  
       WEEKS, MARCIA W  
       ZUNINO, VERONICA  
 90     MINGS RESTAURANT  
 200    O'NEILL, S



-

## OCEAN AVE 1995 (Cont'd)

204	BARNES, DONALD E
264	OCEANSIDE VENDING
300	ARARAT MORTGAGE CORP BEACH CHIROPRACTIC CENTER FOR COMMUNITY INDEPENDENCE DAISY REALTY TRUST ENERGO INC ERLAND CONSTRUCTION FIRST PHONE-CORPORATE OFFICE FIRST PHONE-CUSTOMER SERVICE FREEDMAN, GARRY N, CHIRPRCTR INTERLINK INTERLINQ INTERNATIONAL CORP LDDS COMMUNICATION MARATHON DEVELOPMENT CORP MASS COMM -PUBLIC WELFARE DEPT-600 WASHINGTON BOS-BOSTON AREA MASS COMM EMPLOYMENT & TRAINING DEPT OF EMPLOYMENT NETWORKK MASSACHUSETTS PEOPLE'S INSURANCE AGENCY MAY CENTER FOR ADULT SERVICES OCEAN CAPITAL CORP REARDON J L ASSOCIATES LTD RUSSIAN AMERICAN FOUNDATION SATIN, JAY PAUL, ATTY SEASIDE SALES UPPER CUT THE WHITE, J F CONTRACTING
364	ABRAHAM, GORD J AYYALA, RAMESH S BERG, JEFFREY BIDLACK, DON BOOKER, R J BRENNAN, MATTHEW BUDREWICZ, CARLOS BUDREWICZ, SUSHILA CARABETTA, GARY CARABETTA, RALPH, ATTY CHOI, JESSAY CHONG, BRIAN CHUNG, CHUL EISNEHARDT, JAS F, III GENARAZZO, HEIDI GILMAN, BETSY GOLDBERG, L GRANDE, J GRECO, ANDREW J GRIFFEN, RONALD GUARENTE, LEONARD P HAJINLIAN, JOHN HANRAHAN, ROBT HAWLEY, TERRI LYNN

## OCEAN AVE 1995 (Cont'd)

364	INSPIRATIONS BY IVY-BETH JACQUES, KELLIE JORDEN, L M KITSMAN, KARIN KOJIMA, KEN LALLY, JOHN LAURANO, RICHARD T LEE, CHANG LYONS, L MARGOLIS, L MASCARDO, JOS MIYAMOTO, NAOKO NEVILS, THOS NOREM, J NSAHLAI, E OCEAN SHORE TOWER OSTROW, E PAEK, IN SUN PORCELLA, FANNIE ROMANO, R SANGKAWATANA, R SCOLA, JOHN SECURITY COURIER CORP SIMPSON, WM STAGMAN, JEROME THANASARNTAWEE, J TROILO, T VALENTINER, EDUARDO VATERS, RONALD VERCELLINI, ALFRED VIEIRA, SANDRA M WIAZOWSKI, HENRI P WONG, EDDY YATES, MICHAEL YOFFE, CARL ZDOROV, DIMITRI
370	ALDRIDGE, MICHAEL D ALOISE, DOMENIC & ROSE BARBIERI, J W BARILE, ALAN BARRY, LEAH & VIRGINIA BECKER, RICHARD BORELLI, CARLA BOTTICELLI, SHERRI B BROWN, IRVING CHAVES, CLEONICE ALVES DAIKOS, PETER & BEVERLY DICARLO, WM & DALE DISTEFANO, EMANUEL DUCHARME, LEO J



**OCEAN AVE      1995      (Cont'd)**

370	DUMONT, ROLAND W & LUCY EVANS, PATRICIA GALLAGHER, BRIDGET GEDIMAN, ALEX GEHRIG, GEORGE F HERMAN, STEVEN H HERMAN, STEVEN H-FAX NUMBER HSIAO, CHI IZSAK, ALEXANDER JEMENEZ, LUIS JONES, LISA A KUEFNER, BOB LEE, ALEX C LONGO, JOS LUSTER, LYNDELL A MITHOEFER, KIA MOORE, CHAS F MOZZETTA, ANN MARIE MUNOZ, CESAR MUNOZ, RAQUEL PELAGATTI, JAS M PELUSO, JOS A PETRICKO, B L PRIOR, JOHN RAUSCHER, L RICCILOI, ANTHONY A SAI, BRIAN SUN W SEASIDE DRY CLEANERS SHAH, MOHAMMAD A SHELTON, S K STUDENY, VLADIMIR & DANIELA SOLDISOVA THURMAN, EDW VERDUCCI, THOMAS WHITE, CHRISTINE WHITE, ROBT WILSON, FRANK F WOLINSKI, KATHLEEN & RICHARD
376	ABBASZADEH, KEYVAN AL-KHALAF, HANAN ALDAKHEEL, MAHDY ARSENIAN, AZAD BARBARO, ANTHONY, JR BJORQUIST, AMY BLAKE, B BOLTON, REBECCA BONSIGNORE, MICHAEL BORNSTEIN, SIDNEY BROADDUS, GAIL BUHLMAN, ROBT CANNATELLI, LEE ANN

**OCEAN AVE      1995      (Cont'd)**

376      CARABETTA ENTERPRISES  
 CASTANO, GUILLERMO  
 CATINO, MARCELLO  
 CENTER, WAYNE  
 CHAPMAN, RANDY S  
 CHOMICZ, MARGARET  
 CHWALISZEWSKI, M K  
 COLLINS, MICHAEL  
 CORIN, JULIAN  
 COX, JOHN P  
 CUTILLO, MICHAEL P & KIM M  
 DENEHY, CHAS  
 DENNIS, PAT  
 DESANTOS, JOSE & KIMBERLY  
 DIBARTOLOMEO, WM  
 DIVIETRO, C J  
 DUNNE, THOMAS P  
 EBRAHIMZADEH, SABER  
 EMMETT, WM & PAMELA  
 ENGLISH, S  
 FEIN, MICHAEL  
 FINN, GERALD P  
 FOULAD, KHAED  
 FRASIER, ROBERT G  
 GATCHELL, BRIAN  
 GATLIFF, KEN  
 GIANNINO, J  
 GOLDEN, GEORGE  
 HAROL, PHILIP  
 HARTNETT, PAUL & LORRAINE  
 HOULE, J M  
 HYATTE, DAVID  
 IRLENDER, N  
 JAGA-SPANIAN, EDMUND  
 JALALI, SADAAT  
 JOE, MARK  
 KINGSLEY, JOHN  
 KOVAR, KAYLEY  
 KRAMER, MICHAEL  
 LAFLEUR, RAYMOND  
 MACLENNAN, K  
 MAGERER, JERRY  
 MARCOTTE, TONY  
 MARTIN, TIMOTHY  
 MARTIN, TONI  
 MASTRONARDI, A  
 MCCARTHY, SHARON  
 MCFARLAND, EDW T  
 MITEYKO, MARINA  
 MOAVENI, MARJAN

**OCEAN AVE      1995      (Cont'd)**

376	MOFFIE, ELI MUCCI, B MULLIN, EDGAR H, JR NEW BOSTON HAIR DESIGN NG, PAUL NORVIN, RITA O'BRIEN, F O'ROURKE, JOHN B OSGOOD, GILBERT A OSTROVSKY, VENIAMIN OTOLO, JOS P & D CONVENIENCE PARSONS, D PENZABENE, ANTHONY R POWERS, JOHN & BARBARA PUZZO, J QUILTY, OWEN RANFT, DONALD J RIBAS, NILMA ROCKLIN, BARRY N SACCO, VICTOR, JR SANPHY, MARK SANTOSCA, ANGELO SARBADHIKARY, SARATHI SARVARI, FARANGISE SCHECHER, M & E SEAWATCH TOWER CONDOS SHEPARD, DANL SHIVERDECKER, NATHAN & KAREN SPILLANE, JAS SUN, JASON SUWAN, SUMON TARANTOLA, S TEIXEIRA, ALDONIA TONGE, C TONGE, MARY B TRACHTENBERG, GEO & DAURICE TYUTYUNIK, ANNA VILKER, E E VOTO, JOS E WILLIAMS, DARRYL WU, SHUHUA YOUNOSSI, OMAR ZAYTSAV, YEVGENIY ZIMMERMAN, JAY
382	AGIUS, CATHERINE & PAUL ALIMONTI, C & W ALLUZIO, R ASHER, CRAIG BANTA, CHAS

## OCEAN AVE 1995 (Cont'd)

382 BETTERMAN, STEVEN & RADA  
 BOGUSLAVSKI, ALEXANDER  
 BORANS, P  
 BULAYEVSKY, YEFIM  
 CARAS, RONNA  
 CATIZONE, D  
 CHEUNG, WALTER  
 CHOI, INYUNG & WOONSANG  
 CHRISTENSON, CARL & COLLEEN  
 CONDON, RICHARD F  
 DE SALVO, PETER J  
 DELUXE REALTY TRUST  
 DUHAINY, ABBAS M  
 ELLMAN, HARRY  
 FALIS, A M  
 FEDERICO, ANTONIO  
 FOWLER, JOS B & MARIE  
 GARBER, A  
 GAVRILLES, STEPHEN J  
 GEIFMAN, ABRAM  
 GENNARI, ROBIN  
 GILMAN, LOUIS  
 GLEGLES, IOANNIS & VASSILIS  
 GLYNN, K  
 GULLY, A  
 HART, PETER F  
 HORAN, LEO F  
 KAIDEN, AUDREY  
 KAY, SHEILA M  
 KEITH, LEE  
 LAWSON, JENNIFER  
 LEUCI, CARL W  
 LOGUE, ADRIANA  
 LOWENSTEIN, JOHN W  
 MACLEOD, DAVID G  
 MANEY, CHAS  
 MARGARECI, ANTHONY F  
 MAZZONE, NEILA A  
 MELCHIONNO, S  
 MENINGER, S T  
 MOORE, S  
 NARDONE, LOUIS J  
 NAWROCKI, JOS  
 NELSON, C A  
 OCANDER, K  
 OCEAN GATE TOWER CONDO  
 PENN, RICHARD  
 PETERS, STANLEY  
 PISCIONE, THOMAS  
 POOLE, JOHN & BARBARA

**OCEAN AVE      1995      (Cont'd)**

382	RICCI, M E RINGLER, DOUGLAS J RIVARD, RICHARD ROSE, JOHN, ATTY RUDZINSKY, LOUIS & MURIEL RZHANIKOV, NIKOLAI SANFORD, T L SASSO, D SHUMAN, GERALD H & SHIRLEY SHVER, ALEX SULLIVAN, ROD THOMPSON, MARK VADALA, THOMAS VASAPOLLE, MARY A VOROTNIKOV, IGOR WALLACE, A E WALSH, SANDRA E YORK, M E ZACCONE, PETE ZAGINAILOFF, J R ZHDANOVA, KATE
388	ABUKHALIL, Z ALDOUSARI, MOHAMMAD ALMEDAINI, A ARDIFF, EMMA BARTEN, M BATISTA, ANTONIO BIALICK, LYNN BITCON, TOM & KIM BLANCHARD, TOLAN BONAH, R BRENT BUREAU, MARILYN BYRNE, C CAPLAN, CRAIG & MELISSA CASTANEDA, MARCIA CHATUCHAI, CHATURONG CHEN, KUANG-WEI CHHEANG, SOKLANG COLE, ROBIN CONDELL, S CONLON, ROBT H CRUZ, FERNANDO S DUBEY, BRIAN A ENGLE, EVA P FAJARDO, R FERRARA, KEVIN FRANCIS, MICHAEL R FRENCH, BURTON L GALLAGHER, B GIRALDO, FRANCISCO

## OCEAN AVE 1995 (Cont'd)

388 GOLDBERG, DAVID  
 GRAHAM, A  
 GREGERSON, KYRA  
 GRIFFITH, ROGER  
 HAN, SEUNG-HEE  
 HARADA, MAKOTO  
 HARRIS, SCOTT & JACALYN  
 ISHIGAKI, TAEKO  
 ISHIZUKA, YUICHI  
 JEONG, KYUCHEOL  
 JOFFEY, NANCY  
 KARDAMENIS, EMILIO  
 KAWAKOTANI, RYOHEI  
 KENNEY, WM & LAURA  
 KILBRIDE, E & K  
 LA RUE, B  
 LALLY, L  
 LALLY, MICHELLE  
 LAM, WING  
 LANGONE, B  
 LAURANO, E  
 LEE, ALEXANDER  
 LOPEZ, RUSSELL F  
 LUONGO, ROSS  
 MARTINEZ, EDUWIGES  
 MATARESE, C T  
 MELENDEZ, MICHAEL  
 MOULDEN, DONALD D  
 MULLER, ROBT JR  
 MURRAY, HOWARD, JR  
 NABBOUT, TOUFIC  
 NELSON, MICHAEL D  
 O'DONNELL, SHAWN  
 OCEAN PLACE TOWER  
 PARR, RANDY  
 PATEL, VIPUL & DILIP  
 PERRAULT, R C  
 PINEDA, EMELITA  
 PRESTON, MICHAEL J  
 PUSPITASARI, ERICKA  
 RING, BUDDY F  
 SANDLER, S  
 SEBESTYEN, FRANK, IV  
 SHIPHERD, KATHERINE  
 SIDENER, A  
 SOCHA, E  
 SOCHA, V  
 SOTTOSANTI, SAMUEL  
 STENTON, J  
 STONE, WINNIPHRED

**OCEAN AVE      1995      (Cont'd)**

388	SYLVESTER, KENNY SZOTTFRIED, LOUIS TABIKHA, NED TABIKHA, REINE TARANOV, TATIANA TARTARINI, RICHARD TUSCHER, TUNDE WU, TZU-HUA YANG, CHEU-CHEN YURICK, M ZIC, INGRID
394	ALSAIF, AMER ANAVI, F ANGERSTEIN, KEVIN & PATRICIA CARABETTA MARKETING OFFICE CHEW, YIN-HONG CIMMINO, V A COLE, EDWARD CORFF, JOE DEGEN, DOROTHY A DESHMUKH, VISH DEVER, CATHLEEN ESTRADA, ROBERTO FALCONE, CARY FARRELL, BRETT M FINER, G FRIEDLANDER, FELIX FRIEDMANN, ROBT F GAGNER, R GLADDING, J & R GOLDSTEIN, BERTON & SYLVIA GREENBERG, MICHAEL GRINNELL, RICHARD HARTLEY, HOWARD JASTRZEBSKI, W JORDAN, ROBT G KAGIWADA, MASASHI KHONGCHAROEN, ORASA KIM, E KIM, KYEONG JIN KIOUSSIS, S LAVERMICOCCA, GABRIELLE LIENDO, MANUEL MARTIN, ROBT J, II MASTER, KANGI D MILYANI, MOHAMMED MOBED, FARDAD MOSKO, JANICE & JACK MURPHY, JOEL H & DOROTHY J MURPHY, N A

**OCEAN AVE 1995 (Cont'd)**

394	PEDERSEN, C JAY
	PISERA, JANIA
	RAHARJA, DENNIS & JESSIE
	RAPP, CONNIE
	ROTH, CRAIG, DMD
	SPIRAWK, JOS
	STEINHOFF, A
	TINY TOT'S LEARNING CTR
	WALLACE, THOMAS
	WARD, MATTHEW
	WATERS EDGE TOWER
	WICK, DAVID
	YDO, HYUNDONG
	ZUNICK, JEFFREY
620	MASS, COMM OF MDC
650	KIEWIT EASTERN CO



**OCEAN AVE 1992**

2	AHEARN, HELEN
	ARMSTRONG, RICHARD D
	BELMONTE, A M
	BLOUIN, GARY P
	BRIGGS, IRENE & RALPH
	BURKIN, MAX
	CADIEUX, SOPHIE
	CONDELLI, M
	COSTELLO, Y
	DESHOWITZ, M
	DESIMONE, R M
	DUFFY, JOS B
	GERSON, HARRY
	GIUFFRE, PETER
	GOLDBERG, LOUIS
	HADDAD, JOSEPH
	HAMILTON, THOMAS A & CAROLINE
	HUNTOON, PHYLLIS L
	KALAPINSKI, FREDERICK
	KATZ, R
	KEARNS, THOS P
	KELLY, ROSE A
	LIMONE, RALPH
	LOMBARDI, EDITH L
	LOMBARDI, TERESA
	MACDONALD, DAVID T
	MARRA, DAVID A
	MCLANE, B S
	MURPHY, D J
	MURPHY, WM P
	NEVLER, S
	OCEAN POINT APARTMENTS
	PARSONS, L M
	PETRAGLIA, ROSE
	PEZZINI, ROBT
	ROBERTS, EDW
	ROMANELLI, LAWRENCE M
	SCHNEIDERMAN, ABRAHAM & PAULINE
	SHAFFER, HENRY & BEATRICE
	SICOTTE, RONALDO G
	SIMON, JAS
	SINGER, IRVING
	SULLIVAN, N
	TOOMEY, JAMES
	WEEKS, MARCIA W
	ZUNINO, VERONICA
90	MINGS RESTAURANT
110	KAITZ ALAN L, MD
198	PADOVANI, NICHOLAS
	VENTOLA, P

**OCEAN AVE      1992      (Cont'd)**

200	LICATA, FRANCIS J PERROTTA, ROBT M
300	ABE INC ANCHOR WIRE ROPE DELL'ARIA, RICHARD S, ATTY FIRST PHONE-CORPORATE OFFICE FIRST PHONE-CUSTOMER SERVICE FIRST PHONE-INFORMATION GLOBAL TELEMARKEING SVCS INC HOMA'S RESTAURANT & DELI-RESERVATIONS MARATHON DEVELOPMENT CORP N WE INC OCEAN CAPITAL CORP ROSE & DELL 'ARIA, ATTYS ROSE, JOHN M, ATTY U N A CORP U N ALLOY STEEL UPPER CUT THE
364	BOWDEN, KAREN CROWL, PETER J & MICHELLE R DIAZ, ROBERT DONNELLAN, WM EISNEHARDT, JAS F, III FITZGERALD, HENRY E FOLSOM, F GEORGE, JENNIFER L GERSHINSKY, BOB GOLDBERG, L GRABAREK, EDWARD GRANDE, J GUTIERREZ, FILEMON HAWLEY, TERRI LYNN HOUSTON, MARC J ICKES, DAVE JORDEN, L M KINCAID, PAUL & HELEN KOCAER, MEHMET LALLY, JOHN LAURANO, RICHARD T LUZZO, BRUNO & MARIE LYONS, LENNIE & WESLEY MAGEE, L MALDONADO, JORGE MARGAGLIONE, FRANCIS MARGOLIS, L MARSHALL, DALE MASSEY, T MCCARTHY, JOHN MURDOCK, M NESS, JODY

**OCEAN AVE      1992      (Cont'd)**

364	OCEAN SHORE TOWER OLIVERI, JOSEPH OSTROW, E PAONESSA JOHN J & CO PORCELLA, FANNIE PRICHARD, CHAS QUINN, P ROMANO, R SAULS, JOHN SCHENA, A SECURITY COURIER CORP SHIMAZU, YUKI STAGMAN, JEROME STEWART, JOEL D STROMAN, JOS & CARA TAKADA, KENJI TICKET TO TRAVEL INC VIEIRA, SANDRA M WALKER, CHRIS & DENISE WATSON, K WORLD ART GRAPHICS YOFFE, CARL
370	ALOISE, DOMENIC & ROSE BARBIERI, J W BARILE, ALAN BELLI, SADI BERNTEN, JAY M BIRMINGHAM, LAUREN BISS, LAWRENCE C BOTTICELLI, SHERRI B BROWN, IRVING DAMBROSIO, J DICARLO, WM & DALE DISTEFANO, EMANUEL DUMONT, ROLAND W & LUCY DUPUY, PATRICK EVANS, PATRICIA GARCIA, MIKE GOOD, R HOLDEN, P F JONES, LISA A KUEFNER, BOB KUO, EDWARD LOGAN, K LONGO, JOS LUNT, PETER MACLENNAN, FRANCES MEADE, G M MERCED, L & M MESA, CARLOS J

**OCEAN AVE      1992      (Cont'd)**

370      MOORE, CHAS F  
 MOZZETTA, ANN MARIE  
 MURO, THOS, JR  
 NESSELLE, ROBT & RONNA  
 NIGRO, K  
 PELAGATTI, JAS M  
 PELUSO, JOS A  
 PETRICKO, B L  
 PHILLIPS, CYNTHIA  
 PLANES, REINALDO & NIEVES  
 POOLE, MICHAEL  
 PURUTCUOGLU, B  
 QUINN, DONNA  
 RAUSCHER, L  
 RAVAEI, RAMIN  
 RICCILOI, ANTHONY A  
 SACCOCCIO, STEVEN  
 SALVAGNO, JOHN & KELLEY  
 SHEA, A M  
 TAHTINEN, DEAN O  
 TIERNEY, A R  
 VERDUCCI, THOMAS  
 WATERS EDGE CONVENIENT STORE  
 WHITE, ROBT  
 WILSON, FRANK F  
 WOLINSKI, KATHLEEN & RICHARD  
 YUDELL, JAY

376      ABBASZADEH, KEYVAN  
 ALIBHAI, KARIM  
 ANNAS, J  
 ARSENIAN, AZAD  
 BACHINI, WM  
 BARBARO, ANTHONY, JR  
 BLAKE, B  
 BORNSTEIN, SIDNEY  
 BRUNO, CAROL A  
 BUHLMAN, ROBT  
 CARABETTA ENTERPRISES  
 CARTER, JIM  
 CHAPMAN, RANDY S  
 CHWALISZEWSKI, M K  
 COHAN, A S  
 COLLINS, MICHAEL  
 COX, JOHN P  
 DAKIRI, KHALID  
 DANIELS, A  
 DASILVA, LAWANDA MARCLA  
 DENNIS, P  
 DESANTOS, JOSE & KIMBERLY  
 DI MENTO, VINCENT

**OCEAN AVE      1992      (Cont'd)**

376      DIMARE, CHAS  
 DIVIETRO, C J  
 DUNNE, THOMAS P  
 EDWARDS, K J  
 FEIN, MICHAEL  
 FINN, GERALD P  
 FLYNN, EDW J, JR  
 FOSTER, LAWRENCE C  
 FRANCIS, MICHAEL  
 FRASIER, ROBERT G  
 GEE, JACKIE  
 GIANNINO, J  
 GOLDEN, GEORGE  
 GRAFF, ANDREW  
 GROSSMANN, GUSTAV P  
 HARTNETT, PAUL & LORRAINE  
 HOULE, J M  
 JALALI, SADAAT  
 JOE, MARK  
 KOVAR, KAYLEY  
 KRAMER, MICHAEL  
 LAFLEUR, RAYMOND  
 LEE, JOANNA  
 LOWENSTEIN, JOHN W  
 MAGERER, JERRY  
 MAROTTA, KAREN  
 MARTIGNETTI, ALESSANDRO  
 MARTIN, TIMOTHY  
 MARTIN, TONI  
 MARTINS, GEORGE A  
 MARTINS, NILMA B  
 MARY KAY COSMETICS INDEPENDENT SALES DIRECTORS-MOURADIAN-MELIKIAN  
 MASTRONARDI, A  
 MCGOWAN, P E  
 MELIKIAN, CAROL & RANDY  
 MELIKIAN, CAROL, COSMTICS  
 MOSKAL, MICHEL  
 MOURADIAN, CAROL, COSMTICS  
 MUCCI, B  
 MULLIN, EDGAR H, JR  
 NAGLE, KAREN  
 NG, PAUL  
 O'ROURKE, JOHN B  
 OTOLO, JOS  
 PAREJA, HUMBERTO  
 PARSONS, DOLORES  
 PENZABENE, ANTHONY R  
 PIRETTI, RONALD  
 PITCHER, BILL A  
 POWERS, JOHN & BARBARA

**OCEAN AVE      1992      (Cont'd)**

376      PUZZO, J  
RAMOS, MAURO C  
SANDLER, GEO  
SANTOSCA, ANGELO  
SARBADHIKARY, SARATHI  
SEAWATCH TOWER CONDOS  
SHAPETON, BORIS & IRINA  
SHVER, ALEX  
SOBRINHO, ADER  
TONGE, MARY  
TRACHTENBERG, GEO & DAURICE  
TREGER, ANDREY  
VILKER, E E  
WEBB, WM P  
WILLIAMS, DARRYL  
WING CHIU, FRANK  
WU, SHUHUA & NANCY  
YOUNOSSI, OMAR  
ZIMMERMAN, JAY

382      ASAD, V  
ASHER, CRAIG  
BADOLATO, RICHARD A, JR  
BELRHALLIA, ABDELILAH  
BETTERMAN, STEVEN & RADA  
BIDDER, ELMER  
BISHOP, DONALD & BETH  
BRUTON, RICHARD  
CAGGIANO, ANTHONY  
CARAS MARKETING PROGRAMS  
CHOI, INYUNG & WOONSANG  
CHRISTENSON, CARL  
COX, B  
DE SALVO, PETER J  
DEFRAIA, KEN A  
ELLMAN, HARRY  
EWING, WILLIE  
FALCONE, D  
FALIS, A M  
FEDERICO, ANTONIO  
FEDERINO, ROBERT  
FINK, BRIAN  
GARBER, A  
GAVRILLES, STEPHEN J  
GEIFMAN, ABRAM  
GEMMET, LEANDER & PIA  
GILMAN, LOUIS  
GULLY, A  
HANDLER, STEVEN  
HOLLAND, P  
HORAN, LEO F

**OCEAN AVE      1992      (Cont'd)**

382	KAY, SHEILA M KEITH, LEE KOGAN, MICHAEL LAWSON, JENNIFER & RICHARD LEUCI, CARL W LOVINER, NEAL & PAULA MACCORMACK, D MAFFEI, JAS MANEY, CHARLES MATSKINA, OLGA MAZZONE, NEILA A MCNEIL, JAS MENINGER, S T MONSERRATE, JOHN L MORRISSEY, SEAN P MURPHY, M E NARDONE, LOUIS J NASSOR, ADRIANA NAWROCKI, JOS NORTON, ELIZABETH OCANDER, K OCEAN GATE TOWER CONDO OLIVER, C PAGET, COLIN PENN, RICHARD PERRY, L & W PETERS, STANLEY POOLE, JOHN & BARBARA RICCI, M E RINGLER, DOUGLAS J RIVARD, RICHARD ROSSI, DONALD RYAN, P SAFWAN, NABIL SEASIDE DRY CLEANERS SHUMAN, GERALD H & SHIRLEY SORDILLO, ALFRED L, JR STELLATI, DAVID SULLIVAN, ROD TARIMCILAR, M TRNOVSKY, JAN VISIONE, TONY WISNIEWSKI, THOS YOUNG, JOSEPH ZACCONE, PETE
388	ALLEN, K ALTOBELL, LORI APPLEBAUM, R J BARLOW, DOUGLAS BENNETT, JOS

**OCEAN AVE 1992 (Cont'd)**

388 BERKE, E  
BIALICK, LYNN  
BONAH, R BRENT  
BOOKMAN, SAM  
BRANCH, ANN L  
BRESSLER, ANDREW  
BUREAU, MARILYN  
BYRNE, C  
CHIU, PETER & KITTY  
EDWARDS, KIMBERLY A  
ENGLE, EVA P  
FEIN, WM I & FRANCES  
FESTA, LORRAINE  
FRENCH, BURTON L  
GALLAGHER, B  
GERBER, JODI  
GOOD, LOUISE  
GRIBB, J  
HALL, JOHN  
HARNEY, JEANNE  
HARP, MIACHAEL & SHARI  
HINSON, FRANK  
KABITZKE, BERNHARD  
KAN, MARVIN  
KATZMAN, GEO & HARRIET  
KENNEY, WM & LAURA  
KEOHANE, DOLORES  
KILBRIDE, E & K  
KOBOER, KO  
LA RUE, B  
LAFERRIERE, JASON P  
LALLY, L  
LAMB, WING  
LAURANO, E  
LAZAR, MEREDITH  
LEDWITH, TODD  
LEE, ALEXANDER  
LISTON, PHYLLIS M  
LOPEZ, FRANCISCO J  
LOPEZ, FRANK R  
LUONGO, ROSS  
LYNCH, PATRICK J  
MANNING, S  
MATARESE, C T  
MAUCHER, WM  
MCCANN, GINGER  
MURRAY, HOWARD, JR  
NABBOUT, TOUFIC  
NELSON, MICHAEL D  
O'NEILL, A



## OCEAN AVE 1992 (Cont'd)

388	<p>OCEAN PLACE TOWER          OLMO, KENDLE          PEARSON, MICHAEL          PEEPLES, CHUCK          PEREZ, MARIELA          PERRAULT, R C          PIERCE, LEONARD          PIERRE, M          PRESTON, MICHAEL J          RING, BUDDY F          RIPKEY, STEVEN A          RONAN, JOSEPH          ROSSMAN, SHERRY          SAVAL, ALAN M          SAVI, KENNETH          SEIGNEURAY, JOHN          SIQUEIRA, CLENIO          SMITH, JEFFREY          SOTACE, K          STENTON, J          STIEG, M          STONE, WINNIPHRED          TABIKHA, REINE &amp; NED          TAKANA, YUAJI          TETZLOFF, MICHELLE          VARGAS, NUBIA          VOLMAN, ANTHONY          WALLACE, A E          WALLACE, ROLF L          WERNER, JANET</p>
394	<p>ANGERSTEIN, KEVIN &amp; PATRICIA          ANGIER, C          BEAULIEU, GLEN          BLENDS, VINCENT          BOHNSACK, B S          BOURCIER, MARK &amp; SHANA          BUCHMAN, JEFF          CAMPBELL, ALLEN          CARABETTA ENTERPRISE INC          CARABETTA MARKETING OFFICE          CHAN, MANDY          CHAVES, HENNRIQUE          CHOI, JOON SOO          CIMMINO, V A          COLE, GERARD          COLEMAN, TRACY          CORNELIUS, JEFF &amp; CHRIS          DESHMUKH, VISH          DEVER, CATHLEEN          DIXON, DEBRA</p>

## OCEAN AVE 1992 (Cont'd)

394 DUDLEY, DELYNN  
 FALCONE, PHILLIP  
 FRASSICA, JEANNE M  
 FRIEDLANDER, FELIX  
 FRIEDMANN, ROBT F  
 GATCHELL, BRIAN  
 GLADDING, J & R  
 GOLDSTEIN, BERTON & SYLVIA  
 GRIFFITH, MICHAEL  
 HABBOUB, FAROUK  
 HANSEN, JAS  
 HASSAN, ALI  
 JASTRZEBSKI, W  
 JORDAN, ROBT G  
 KELLEY, EDW & IDA  
 KEOUGH, JAS  
 LEVY, SYLVIA E  
 LONG, JOSI  
 MADDOX, DEBRA  
 MARR, MARY LOU  
 MARTIN, ROBT J II  
 MASSOUMI, AMIR  
 MEDWEDEFF, NATASHA  
 MURPHY, JOEL H & DOROTHY J  
 NAJIM, BASIL  
 NAVALTA, DANL JR  
 PIECEWICZ, THOMAS  
 PISERA, JANIA  
 POWERS, CYNTHIA A  
 RANAURO, STEVEN  
 ROBERTSON, HEATHER A  
 SALCINES, ALFONSO & DAMARIS  
 SCHRECK, CARI & MICHAEL  
 SCIOTTO, JOS  
 SEARS, JENNIFER  
 SELPH, J  
 SEXTON, R  
 SHOCKLEY, PAUL A  
 SICARD, MICHAEL  
 SIMYAN, KELLY T  
 STEVENS, GEORGE T, III  
 TINY TOT'S LEARNING CTR  
 TOLLESON, JOHN L  
 WALTERS, BRIAN & SELENE  
 WARNER, IAN J  
 WATER'S EDGE  
 WATERS EDGE TOWER  
 WHITFIELD, ERNEST  
 WRIGHT, E  
 ZUNICK, MARK T

Target Street

Cross Street

Source

✓

-

Cole Information Services

**OCEAN AVE 1992 (Cont'd)**

620 MASS, COMM OF MDC

**OCEAN AVE 1988**

	Earle Waldman . . . . .	.83	289-8819
	Marcia W Weeks . . . . .	☐	289-0715
	B Weinberg . . . . .	.83	289-9480
24	35 55 . . . . .	NP	
	<b>90★ Mings Restaurant</b> . . . . .	.83	<b>284-9100</b>
<b>— WEST ST</b>			
	<b>110★ Dr Alan L Kaitz</b> . . . . .	.79	<b>284-1600</b>
	198 P Ventola . . . . .	-	286-1926
	200 Robert M Perrotta . . . . .	.86	289-6111
	201 . . . . .	NP	
	204 Junior R Rock . . . . .	☐	286-3627
	207 B William Nugent . . . . .	☐	284-8866
<b>— SHIRLEY AV</b>			
	209 Louis Carpenter . . . . .	.86	286-2975
	Ralph Owens . . . . .	.85	286-2637
	<b>300★ 300 Ocean Avenue</b> . . . . .	☐	<b>284-0377</b>
<b>— BEACH ST</b>			
	<b>384★ Carabetta Entrps</b> . . . . .	.86	<b>289-4435</b>
	<b>394★ Carabette Entrprs</b> . . . . .	☐	<b>289-3517</b>
<b>— BATH ST</b>			
<b>— BEAVER ST</b>			
	<b>660★ Ocean Wtch Condo</b> . . . . .	☐	<b>286-2466</b>
	★ Ocean Wtch Condo . . . . .	☐	289-9910
<b>NO #</b>	<b>★ Waters Edge</b> . . . . .	.86	<b>284-9999</b>
	56 RESIDENCE	9	BUSINESS

OCEAN AVE 1984

	Earle Waldman . . . . .	.11	289-8819
	B Weinberg . . . . .	.11	289-9480
	Gerald T Zoppi . . . . .	.11	289-6611
20	Adam D Divico . . . . .	.11	286-1678
	★Excuse Me Lounge . . . . .		289-2303
	★Surf Club Inc . . . . .		284-7221
24	35 . . . . .	.NP	
90	★Mings . . . . .	.11	284-9100
	★Mings Restaurant . . . . .	.11	284-9100
	<b>WEST ST</b>		
110	★Dr Alan L Kaitz . . . . .		284-1600
198	P Fontina . . . . .	.82	289-6032
	C Hersey . . . . .	.80	289-5124
	L E Savignano . . . . .	.79	284-4681
200	Gabriel I Ash . . . . .	.66	284-5050
	Shirley Ash . . . . .	.11	284-0996
201	M Landry . . . . .	.77	284-4793
207	L Rivers . . . . .	.11	289-9791
	<b>SHIRLEY AV</b>		
209A	. . . . .	.NP	
	<b>BEACH ST</b>		
	<b>BATH ST</b>		
	<b>BEAVER ST</b>		
646	★Revere Car Wash . . . . .		284-9470
660	★Danny's . . . . .		284-9720
No #	★Mass C of Const . . . . .		289-8560
No #	★Mass C of Pks Engr . . . . .		284-1403
	56 Residence	10 Business	

## OCEAN AVE 1975

204	LOUIS W DUGUIE JR	□2890306
207	NANCY CAMPBELL	3 2894539
	A	NP
	B	NP
209		NP
..	SHIRLEY AV	..
307	*YELLOW CAB REVERE	2841000
309	*BLUE CAB CO	2895151
	*BLUE CAB CO	2845151
310	*TONYS CABS	2844700
	*TONYS CABS	2842411
	*TONYS CABS	2894700
315	*ERNIES TAXI	2892900
..	BEACH ST	..
358	*OCEAN VIEW AUTO BD	2849810
360	*OCEAN TRANSMISSION	2892056
	*PARK DRIVE GARAGE	2848680
375	JOHN J HURLEY SR 7	2845748
401	*SEASIDE AUCTN GLRY	□2849114
	*SEASIDE FLEA MRKET	□2849576
..	BATH ST	..
469	*MILTRON INC	2847300
..	BEAVER ST	..
..	CHESTER AV	..
646	*M-BRO CAR WASH	2849859
660	*D&D AUTO RECONCTNG	□2849335
NC #	*METRO PKS ENGINEERG	2841403
..	ENDS 605 REVERE ST	..
	13 RESIDENCE	19 BUSINESS



## OCEAN AVE 1972

207		NP	
	ABELINDA BISCONTI		2892806
	B	NP	
209	HILDA R REED	7	2895693
..	SHIRLEY AV		..
305*	JO JOS ROOM		2849367
309*	BLUE CAB CO		2895151
	*BLUE CAB CO		2845151
310*	TONYS CABS	-	2844700
	*TONYS CABS		2842411
	*TONYS CABS		2894700
315*	ERNIES TAXI		2892900
342*	J&B CLEANRS INC		2849406
..	BEACH ST		..
358*	OCEAN VIEW AUTO BD		2849810
360*	OCEAN TRANSMISSION		2892056
	*PARK DRIVE GARAGE		2848680
375	JOHN J HURLEY SR	7	2845748
..	BATH ST		..
469*	MILTRON INC		2847300
..	BEAVER ST		..
..	CHESTER AV		..
783*	OCEAN AMUSEMENTS		2847903
NO #*	ST MDC CTRL SGN SH		2841403
..	ENDS 605 REVERE ST		..
	12 RESIDENCE	16	BUSINESS

DRAFT



**APPENDIX G**  
**PORTIONS OF PREVIOUS REPORTS**

DRAFT

# **Phase II Environmental Site Assessment Report**

**Parcel H  
City of Revere, MA**

August 2010

***Weston&Sampson***

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Inc.  
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977-0100

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Appendix C	Well Field Sampling Reports
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Appendix E	Soil Analytical Results
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## EXECUTIVE SUMMARY

Weston & Sampson, on behalf of the City of Revere, performed a Phase II Environmental Site Assessment (“ESA”) on a parcel of land known as Parcel H, located along Ocean Avenue in Revere, Massachusetts. The property is primarily improved with a paved parking lot that serves the Massachusetts Bay Transportation Authority’s (MBTA’s) Wonderland Station, and is one of several properties being evaluated by Weston & Sampson as part of the City’s proposed Waterfront Square redevelopment project. The MBTA is the Site owner; however, the City has long term lease rights for the grounds and owns the “air rights” to the property. The purpose of the Phase II ESA was to evaluate the following Recognized Environmental Conditions (“RECs”) identified during the Phase I ESA:

REC 1: Historic Fill

REC 2: Historic Site Use

The field investigation program included the advancement of nine soil borings, three of which were completed as groundwater monitoring wells; sampling and analysis of soil and groundwater; a groundwater elevation survey; and, data evaluation to determine if there are any reportable conditions at the Site in accordance with the Massachusetts Contingency Plan (“MCP”), 310 CMR 40.0000.

The results of the investigation indicated that lead concentrations detected in four soil samples and benzo(a)pyrene and dibenzo(a,h)anthracene concentrations identified in one soil sample exceeded applicable MCP Reportable Concentrations (i.e., RCS-1 criteria). Based on these findings, a 120-day release notification to the Massachusetts Department of Environmental Protection (“DEP”) is required in accordance with 310 CMR 40.0315 of the MCP. The source of the contamination is attributed to the presence of urban fill containing coal and wood ash, which was observed at the Site. There was no other evidence of releases based on historic use and field investigation results.

Based on a comparison of Site concentrations to the DEP’s urban fill background soil concentrations and MCP Method 1 cleanup standards, which apply following notification, it is our opinion that Parcel H could achieve regulatory closure with a Class B-1 Response Action Outcome (“RAO”). Otherwise, a Phase I/Tier Classification submittal to the DEP would be required, and future construction activities at the Site would be performed under a Release Abatement Measure (“RAM”) Plan. Confirmatory soil samples will be collected following the RAM response actions to evaluate whether a condition of No Significant Risk (“NSR”) exists for current and future Site uses. If a condition of NSR exists, the Site may achieve regulatory closure with or without an Activity and Use Limitation (“AUL”) under a Class A RAO.

## 1.0 BACKGROUND

### 1.1 Introduction

Weston & Sampson, on behalf of the City of Revere's Office of Planning and Community Development ("City"), performed a Phase II ESA on property known as Parcel H located at the intersection of Chester Street and Ocean Avenue in Revere, Massachusetts. The property is located east of the MBTA Wonderland Station and is used for commuter rail parking. Parcel H is owned by the MBTA; however, the City has long-term lease rights for the ground and owns the "air rights" to the property.

The Phase II ESA for Parcel H was prepared in accordance with the American Society of Testing and Materials ("ASTM") E1903 - 97(2002) Standard Guide for Environmental Site Assessments: *Phase II Environmental Site Assessment Process*. The purpose of the Phase II ESA was to evaluate the **Recognized Environmental Conditions** ("RECs") identified during the Phase I ESA completed by Weston & Sampson in June 2009, and to determine if soil and/or groundwater have been impacted by past releases of oil and hazardous materials ("OHM").

The Phase II ESA was funded through a Brownfields Hazardous Waste Assessment Grant provided by the U.S. Environmental Protection Agency ("EPA") to facilitate construction of the City's proposed Waterfront Square redevelopment, which will include new buildings, associated parking, and other improvements over a combined area of approximately 1.366 million square feet ("ft<sup>2</sup>"). The current development plans for the Waterfront Square project area ("Project Area") consist of approximately 100 hotel rooms, 28,500 ft<sup>2</sup> of retail uses, 902 residential condominium units, 145,500 ft<sup>2</sup> of open space, 1,087 on site parking spaces below a raised plaza, and 973 parking spaces in a multi-story parking garage.

Parcel H is one of several parcels currently being evaluated by Weston & Sampson under the EPA Brownfields Grant. An aerial photograph showing the Parcel H Site is presented in Appendix A.

### 1.2 Site Location

Parcel H (also referred to as the "Site") is approximately 2.4 acres and consists of a rectangular-shaped property located at the intersection of Ocean Avenue and Chester Street in Revere, Massachusetts (Figure 1 – Site Locus Map). Pertinent information regarding the Site location includes the following:

County	Suffolk County
Parcel ID	Map 9, Blocks 166 & 168, Lots 1-9
Latitude/Longitude:	42° 24' 48" North 70° 59' 27" West
UTM Coordinates:	336,182.94 meters East 4,697,605.31 meters North

Referring to Figure 2 – Site Plan, Parcel H is the southernmost parcel on a strip of land located on Ocean Avenue east of the MBTA Wonderland Station. This strip of land extends north from the intersection of Chester Street to Revere Street. Weston & Sampson is performing Phase II

ESAs for three of the four parcels on this strip of land, designated as North Lot, DCR Lot and Parcel H.

Parcel H abutters include Ocean Avenue to the east; the MBTA Wonderland Station and commuter rail line to the west; a Department of Conservation & Recreation (“DCR”) owned property know as the “DCR Lot” to the north (620 Ocean Avenue); and, Chester Street and the Waters Edge Luxury Apartment Complex to the south. The surrounding area is zoned for residential, industrial and commercial use. Revere Beach shoreline is located approximately 200 feet east of the Site.

### **1.3 Site Description and History**

Parcel H contains a parking lot, a loop road (Baker Avenue and Chester Street), and a bus drop-off area. Topographically, the Site is flat and mostly paved. The Site has a fenced and landscaped section facing Ocean Avenue. Access to the Site is located along Ocean Avenue. The Site is void of any structures or improvements with the exception of a small cabin for the MTBA parking lot ticket operator, sidewalks, and a commercial billboard. A chain-link fence that encloses a small pad-mounted transformer is located on the southwest corner of Parcel H.

As described in the Phase I ESA, Weston & Sampson’s review of Sanborn® Fire Insurance Maps indicated that Parcel H was historically occupied by residential dwellings as early as 1900. The 1906 Sanborn map also depicted a building labeled “Casino Skating Rink” and a roller coaster. The 1951 map showed a large parking lot on the south side of Parcel H. All residential dwellings were demolished sometime between 1954 and 1965, and Parcel H has since been a parking lot for the MBTA commuter rail. According to information provided by the City of Revere, Parcel H was also formerly used as a turnaround point for rail cars.

### **1.4 Oil and Hazardous Material Storage and Releases**

Based on information obtained during the Phase I ESA, there were no records found regarding the former storage of oil or hazardous materials on Parcel H.

Three underground storage tanks (“USTs”) were previously located on the abutting DCR Lot. These USTs and an associated pump island were removed from the DCR Lot in 1996. According to the DEP on-line sites database, the DEP was notified of a 120-day reportable condition on April 18, 1996, due to the detection of total petroleum hydrocarbon (“TPH”) concentrations in soil at 19,000 milligrams per kilogram (“mg/kg”), which exceeded the Massachusetts Reportable Concentration (“RC”) for RCS-1 soil of 200 mg/kg. The release was assigned Release Tracking Number (“RTN”) 3-13679 and the disposal site was eventually closed with a Class A-2 RAO Statement submitted to the DEP on March 6, 1998. It should be noted that the regulatory case file for the DCR Lot could not be located by DEP personnel during Weston & Sampson’s Phase I ESA file review conducted in March 2009.

In addition, the DEP assigned RTN 3-21276 on November 29, 2001 to the abutting DCR Lot due to the presence of polycyclic aromatic hydrocarbons (“PAHs”) in fill material that was used as subgrade following the demolition of the two former buildings in 1998. According to previous studies, approximately 6 to 12 inches (500 cubic yards) of crushed brick material obtained from



an off-Site source was used for grading material prior to paving the abutting DCR Lot. The PAH concentrations in this crushed brick material exceeded applicable RCS-1 criteria.

A Phase I – Initial Site Investigation was performed in December 2001 by D’Amore Associates and included the advancement of 14 soil borings to a depth of 4 feet below grade to evaluate the fill material for disposal characterization. The soil concentrations were below acceptance criteria for asphalt batching facilities. D’Amore submitted the Phase I report and Tier Classification to the DEP in June 2003. The DCR Lot was tier-classified as a Tier II disposal site based on a Numerical Ranking System (“NRS”) score of 152.

Approximately 800 tons of fill material were excavated under a Release Abatement Measure (“RAM”) Plan submitted to the DEP by BATG Environmental in May 2008. A RAM Completion Statement and Class A-2 RAO were submitted to the DEP in August 2008. The RAO report was electronically submitted on a compact disk and could not be viewed or copied by Weston & Sampson.

### **1.5 Area Receptors**

According to the Figure 3 - Area Receptors Map prepared using the MassGIS Environmental Receptors Database, Parcel H does not overlie a potentially productive aquifer and is not located within a DEP approved Zone II or within an Interim Well Protection Area. The closest surface water body is the Atlantic Ocean, located approximately 200 feet to the east, and the shoreline is designated “protected open space” on Figure 3. The closest wetland shown on Figure 3 is located approximately 1,000 feet to the west. An Area of Critical Environmental Concern (“ACEC”) is located approximately ½ mile to the north.

### **1.6 Soil and Groundwater Classification**

Soil and groundwater concentrations detected at the Site during the Phase II ESA were compared to applicable MCP RCs to determine if notification of a release is required in accordance with the MCP regulations. The applicable RC categories for soil and groundwater are described below.

#### 1.6.1 Soil

For purposes of DEP release notification, soil analytical results were compared to the MCP RCs for S-1 soil category (i.e., RCS-1 criteria) because the Site is located within 500 feet of a recreational area.

#### 1.6.2 Groundwater

As described in Section 1.4, the Site does not overlie a potentially productive aquifer. Therefore, groundwater concentrations were compared to the MCP RCs for the GW-2 groundwater category (i.e., RCGW-2 criteria).

## 2.0 PHASE II FIELD INVESTIGATION

### 2.1 Phase II ESA Project Approach

The results of the Phase I ESA performed by Weston & Sampson in June 2009 identified the following RECs:

- **REC 1 - Historic Fill Material:** Parcel H is underlain by varying depths of uncharacterized historic fill material. The thickness and nature of the fill is unknown, and therefore considered a REC. Because excavation and possible off-Site disposal of soil is being proposed as part of the Site redevelopment, the objective of the Phase II ESA with regard to REC 1 was to evaluate the nature and extent of the historic fill material for the purposes of proper soil management and possible MCP reporting.
- **REC 2 - Historic Site Use Evaluation Program:** According to information provided by the City, Parcel H was once used as a rail car turnaround. Consequently, the potential exists for the presence of contaminants in soil associated with rail car operations such as polychlorinated biphenyls (PCBs) and heavier lubricating oils. These contaminants are included as part of the waste disposal characterization analyses performed for REC 1; therefore, no additional analyses specific to REC 2 were required.

No other RECs were identified at the Site. The Phase II ESA field investigation was performed during December 2009 in general accordance with the Quality Assurance Project Plan (QAPP) submitted in August 2009, with exceptions presented in Section 2.2. The field activities are described below, and the results of the investigation are presented in Section 3.0 of this report.

### 2.2 Soil Borings and Sampling

On December 3, 2009, Weston & Sampson oversaw the advancement of nine soil borings, designated as WSE-1 to WSE-3 and SB-4 to SB-9, at locations shown on Figure 2 – Site Plan. Drilling was performed by New England Geotech, Inc. of Jamestown, Rhode Island using Geoprobe<sup>®</sup> hydraulic push methodologies. Borings completed as monitoring wells, designated as WSE-1, WSE-2 and WSE-3, were advanced to depths of approximately 20 feet below ground surface. Soil borings SB-4 to SB-9 were advanced to 10 feet below grade. The borings were strategically located to provide a cross-section of the fill material throughout the entire Site.

During drilling, macro-core soil samples were collected at 5-foot intervals and classified by Weston & Sampson field personnel using the Modified Burmister Soil Classification System. Each soil interval was logged for grain size and textural classification, and inspected for visual and/or olfactory evidence of contamination. Each soil interval was also screened with a photoionization detector (“PID”) to evaluate the presence of total volatile organic compounds (“TVOCs”) in parts per million by volume (“ppmv”) in soil. The soil classifications and PID measurements are included on the boring logs in Appendix B.

Soil samples were collected for disposal characterization at selected intervals based on the presence of fill material or evidence of contamination. If no evidence of contamination was observed, the sample was collected from immediately above the groundwater table. The samples submitted for laboratory analyses consisted of 13 grab samples and one duplicate from 0 to 5 feet,

and 3 composite samples (C1 and C3) from 5 to 10 feet. The composite samples consisted of the following:

- C1: WSE-3, SB-8, SB-9
- C2: WSE-2, SB-7, SB-6
- C3: WSE-1, SB-5, SB-4

The disposal parameters analyzed included the following: volatile organic compounds (“VOCs”) by EPA Method 8260B; semi-volatile organic compounds (“SVOCs”) by EPA Method 8270; total petroleum hydrocarbons (“TPH”) by EPA Method 8015M/8015B/8100; RCRA-8 total metals by EPA Methods 6010B/7471A; PCBs by EPA Method 8082; reactive cyanide and sulfide; ignitability; corrosivity; and, conductivity. In addition, samples from WSE-1 (0 to 5 feet), WSE-2 (2 to 4 feet) and SB-8 (2 to 4 feet) were analyzed for extractable petroleum hydrocarbon (“EPH”) parameters with target polycyclic aromatic hydrocarbons (“PAHs”) by DEP Method 04-1.1.

Deviations from the QAPP regarding the soil sampling and analytical program included the collection of seventeen soil samples as opposed to thirteen. Additional samples were collected from borings WSE-3, SB-5, and SB-7 because specific layers with distinctive visual and olfactory evidence of possible contamination were identified during the field investigation. Additional deviations from the work plan included the location label name change as reported in the following chart.

Previous label	New Label
WSE-4	WSE-1
WSE-6	WSE-2
WSE-5	WSE-3
SB-10	SB-4
SB-11	SB-5
SB-12	SB-6
SB-13	SB-7
SB-14	SB-8
SB15	SB-9

### 2.3 Monitoring Well Construction and Groundwater Sampling

Two-inch diameter monitoring wells were constructed in WSE-1 through WSE-4 in general accordance with DEP publication #WSC-310-91, Standard References for Monitoring Wells. The wells were constructed of Schedule 40, 2-inch ID polyvinyl chloride (“PVC”) solid pipe, attached with threaded joints to Schedule 40, 2-inch ID, 0.010-inch slotted PVC well screen. PVC attachments were completed without the use of cement or other glues. The annulus between the PVC well screen and the borehole was backfilled with clean filter sand which was extended approximately one foot above the top of the screen. An approximate 1-foot thick bentonite seal was installed above the sand pack to prevent surface runoff from traveling vertically downward along the well periphery, and natural soils were used to backfill the remaining portion of the

borehole. All wells were finished with a flush-mount locking road box. Well construction details are presented in Appendix B.

During drilling, groundwater was generally encountered at 5 feet below grade and all wells were screened across the water table in shallow overburden from approximately 3 to 19 feet below grade. Following installation, the monitoring wells were developed by purging a minimum of five well-bore volumes of water using a whale pump. All wells were allowed to equilibrate for approximately one week prior to sampling.

On December 16, 2009, Weston & Sampson collected groundwater samples from each of the monitoring wells using low-flow sampling techniques in accordance with EPA's Region I "Low Stress (low flow) Purging and Sampling Procedure for the Collection of Ground Water Samples from Monitoring Wells", SOP #GW0001 (Revision 2, July 30, 1996). Groundwater was purged from each well using a peristaltic pump until measurements of dissolved oxygen, oxidation/reduction potential, pH, specific conductance, temperature, and turbidity were stabilized. The data recorded during stabilization is presented in the well field reports in Appendix C. Once stabilized, a groundwater sample was collected and submitted for analyses of VPH/EPH parameters with target VOCs and PAHs, and dissolved RCRA metals. A duplicate sample from WSE-1 was also submitted for analyses for quality assurance/quality control. All equipment in contact with well water was either decontaminated or disposed of after use before sampling the next well to avoid cross-contaminating groundwater samples.

#### **2.4 Groundwater Elevation Survey**

On January 21, 2010, Weston & Sampson surveyed the relative elevations of the soil boring and monitoring well network installed by Weston & Sampson at the Site and the following Project Area parcels: North Lot, South Garage, DCR Lot, Old Bath House, and Eastern County Drainage Ditch. Survey measurements were recorded at the top of the PVC riser and the steel casing of the metal flush-mount road box for monitoring wells, and at grade for the soil borings. Table 1 shows groundwater elevation data for the Site and a groundwater contour map for the Site is included as Figure 4.

The depth-to-groundwater was gauged in all groundwater monitoring wells to provide a synoptic round of elevation, which was then used to develop a groundwater contour map and evaluate groundwater flow direction across the Project Area. The Project Area Groundwater Elevation Contour Map is included in Appendix D. The elevation survey was performed during a high tide event. All depth-to-groundwater measurements were obtained by measuring from the top of the PVC casing. The depth-to-groundwater measurements for Parcel H are shown in Table 1, and the Project Area Groundwater Elevation Survey Data Table is included in Appendix D.

## 3.0 PHASE II RESULTS

### 3.1 Geology

#### 3.1.1 Regional Geology

Bedrock was not observed at the Site; however, according to the USGS Bedrock Geologic Map of Massachusetts (Zen *et al.*, 1983), the Site is underlain by the Cambridge Argillite – gray argillite and minor quartzite, rare sandstone and conglomerate. These rocks form part of the Boston Basin and are from the Wamsutta Formation (Middle to Lower Pennsylvanian).

#### 3.1.2 Site Geology

Subsurface geology encountered during drilling at the Site consisted of the following units:

Fill: Sand and gravel fill containing bricks, wood fragments, traces of coal ash and porcelain were observed in the top 2 to 4 feet.

Sand: A medium sand unit measuring approximately 12 to 15 feet thick was encountered underlying the fill unit.

Clay: A high plasticity clay unit was observed at approximately 18 feet below grade in soil borings WSE-1, WSE-2 and WSE-3.

### 3.2 Hydrogeology

#### 3.2.1 Regional Hydrogeology

Regional groundwater in the vicinity of the Site is presumed to be influenced by the Atlantic Ocean tidal activity.

#### 3.2.2 Groundwater Elevations

Depth-to-groundwater measurements were obtained on December 16, 2009, January 21, 2010, and January 22, 2010 (Table 1). The depth-to-groundwater measurements obtained on January 22, 2010 from the Project Area are presented in Appendix D, and ranged from 2.15 feet at WSE-17 (Eastern County Drainage Ditch) to 5.94 feet at WSE-1 (South Garage). The depth to groundwater across Parcel H ranged between 3.88 feet to 4.93 feet at monitoring wells WSE-3 and WSE-1, respectively. The groundwater elevations shown in Table 1 were used to develop the Figure 4 - Groundwater Contour Map. The Project Area Groundwater Elevation Survey Data Table included in Appendix D was used to develop the Project Area Groundwater Elevation Contour Map, also included in Appendix D. Groundwater flow across the Project Area is northwesterly. However, localized flow at Parcel H appears to be northeasterly.

#### 3.2.3 Hydraulic Gradients

Based on the groundwater contours shown in Appendix D, the hydraulic gradient ( $I_{AVG}$ ) as calculated from the lowest point in WSE-1 “South Garage” and WSE-2 “Old Bath House” is 0.009, based on a 6.24 foot head difference over 675 feet. Please note that the flow direction from WSE-2 to WSE-1 follows the general flow line path and therefore well elevations (rather than calculated contours) were utilized to measure the gradient.

### 3.2.4 Hydraulic Conductivity and Groundwater Velocity

The hydraulic conductivity (K) and porosity (n) of the native geologic unit below the water table (sand) was estimated from published literature values (Fetter, 1994). The hydraulic conductivity of a sand unit typically ranges between  $10^{-3}$  and  $10^{-1}$  cm/s or between 2.835 feet/day and 283.5 feet/day. The porosity of sand typically ranges from 25-50%.

Therefore, an average hydraulic conductivity value of  $10^{-2}$  cm/s or 28.35 feet/day and a porosity value of 35% were used in estimating groundwater velocity across the Site. The groundwater velocity at the well locations was calculated using Darcy's Law. The following is the equation for Darcy's Law:

$$v = \frac{K * I}{n}$$

where:

- v = groundwater velocity
- I<sub>AVG</sub> = 0.009 (hydraulic gradient)
- K = 28.35 feet/day (hydraulic conductivity)
- n = 0.35 (porosity)

The groundwater velocity across the Site was estimated to be 0.72 feet/day or approximately 266 feet/year based on the elevations shown in Appendix D and the assumptions described above.

## 3.3 Soil

### 3.3.1 Field Screening Results

The PID screening results are presented in Table 2 and are also recorded on the boring logs in Appendix B. All PID measurements were below the instrument detection limit of 0.1 ppmv.

### 3.3.2 Analytical Results

The soil analytical results are summarized in Table 3, and the soil laboratory data reports are included in Appendix E. All contaminant concentrations in soil were below the applicable RCS-1 criteria except those shown in the table below.

Sample	Depth, ft	Contaminant	Concentration, mg/kg	RCS-1 Criteria, mg/kg
WSE-2	2 to 4	Lead	320	300
SB-5	1 to 3		400	
SB-6/dup	3 to 5		310/340	
SB-9	1 to 3	Benzo(a)pyrene	5	2
		Dibenzo(a,h)anthracene	1.8	0.7

mg/kg = milligrams per kilogram

The lead, benzo(a)pyrene, and dibenzo(a,h)anthracene concentrations were also compared to the published DEP background concentrations for PAHs and metals in urban fill containing coal or wood ash (DEP, May 2002). All lead concentrations were below the urban fill background concentration of 600 mg/kg. Benzo(a)pyrene was also detected at a concentration below the

urban fill background concentration of 7.0 mg/kg. The dibenzo(a,h)anthracene concentration of 1.8 mg/kg detected in SB-9 (1 to 3 feet) exceeded the urban fill background concentration of 1.0 mg/kg. In the absence of other potential contaminant sources, these analytical results indicate that the presence of PAHs and lead in soil at Parcel H is likely attributed to historic fill.

### **3.4 Groundwater**

#### 3.4.1 Analytical Results

Groundwater analytical results are summarized in Table 4 and the laboratory analytical report is provided in Appendix F. All groundwater concentrations were below laboratory reporting limits (“RLs”) except for arsenic in all three wells and selenium in wells WSE-1 and WSE-2. All detected concentrations were below the RCGW-2 criteria.

### **3.5 Data Quality Usability**

The usability of soil and groundwater laboratory data was evaluated in general accordance with DEP’s QA/QC program outlined in guidance documents WSC-CAM-VII (DEP, May 2004) and WSC-02-320 (DEP, May 2004). The QA/QC program was developed by DEP to provide minimum criteria and performance standards for the collection and analyses of data to be used in MCP risk assessments, background determinations, and/or site closure. The criteria for presumptive certainty are achieved if sampling and laboratory procedures are consistent with the following criteria:

1. Field QC samples were collected in accordance with DEP’s Compendium of Analytical Methods (“CAM”).
2. The laboratory provides the following certification:
  - Chain-of-custody accurately describes the condition of the samples received;
  - Compliance with all method QA/QC requirements and performance standards;
  - MCP analytical methods were used in accordance with CAM; and,
  - VPH/EPH analytical methods were run without significant modifications.

The laboratory MCP certification forms are included with the laboratory reports in Appendices E and F. All samples met Presumptive Certainty criteria. The following qualifiers were noted in the case narratives:

#### Soil Qualifiers

- Laboratory control sample recoveries were outside control limits for a number of analytes, but mostly chlorinated VOCs. None of the compounds that exceeded RCS-1 criteria were qualified.

#### Groundwater Qualifiers

- Benzo(k)fluoranthene percent recovery (accuracy) and reproducibility (precision) were outside limits on all samples including laboratory controls. The results, therefore, were

qualified. However, this compound was not detected and is not expected to be present in groundwater at significant concentrations.

None of the above qualifiers affect data usability at this Site, and Weston & Sampson considers the laboratory data to be of sufficient accuracy, precision and sensitivity to support the conclusions in this report.

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#### 4.0 SUMMARY AND CONCLUSIONS

The following conditions were encountered at the Site during the Phase II ESA field investigation:

1. Lead concentrations detected in four soil samples collected at the Site exceeded the RCS-1 criterion of 300 mg/kg, but were all below the DEP urban fill background concentration of 600 mg/kg.
2. Benzo(a)pyrene and dibenzo(a,h)anthracene concentrations detected in boring SB-9 (1 to 3 feet) exceeded the RCS-1 criteria of 2.0 mg/kg and 0.7 mg/kg, respectively. Benzo(a)pyrene was detected at a concentration (5 mg/kg) below the urban fill background concentration of 7.0 mg/kg. However, the concentration of dibenzo(a,h)anthracene (1.8 mg/kg) exceeded the urban fill background concentration of 1.0 mg/kg.
3. Arsenic and selenium were the only compounds detected in groundwater above the laboratory RLs. However, the concentrations detected at the Site were below the RCGW-2 criteria.

The results of the investigation indicate that a Release Notification Form ("RNF") will need to be submitted to DEP as outlined at 310 CMR 40.371 of the MCP. The source of contamination is attributed to the presence of urban fill containing coal and wood ash, which was observed at the Site. Based on a comparison of Site concentrations to the DEP's urban fill background soil concentrations and to the MCP Method 1 cleanup standards, which apply following notification, it is our opinion that Parcel H could achieve regulatory closure with a Class B-1 RAO.

Otherwise, a Phase I/Tier Classification submittal to the DEP would be required, and future construction activities at the Site would be performed under a RAM Plan. Confirmatory soil samples will be collected following the RAM response actions to evaluate whether a condition of NSR exists for current and future Site uses. If a condition of NSR exists, the Site may achieve regulatory site closure with or without an AUL under a Class A RAO.

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## 5.0 LIMITATIONS

This Phase II Environmental Site Assessment Report was prepared for the use of the City of Revere, exclusively. The findings provided by Weston & Sampson in this report are based solely on the information reported in this document. Future investigations, and/or information that was not available to Weston & Sampson at the time of the investigation, may result in a modification of the findings stated in this report.

Should additional information become available concerning this Site or neighboring properties, which could directly impact the Site in the future, that information should be made available to Weston & Sampson for review so that, if necessary, conclusions presented in this report may be modified. The conclusions of this report are based on Site conditions observed by Weston & Sampson personnel at the time of the investigation, information provided by the City of Revere, DEP, and the samples collected and analyzed on the dates shown or stated in this report. This report has been prepared in accordance with generally accepted engineering and geological practices. No other warranty, express or implied, is made.

## 6.0 REFERENCES

Fetter, C. W., Applied Hydrogeology Third Edition, Prentice-Hall, Inc., 1994.

Massachusetts Department of Environmental Protection. Massachusetts Contingency Plan. 310 CMR 40.0000, Bureau of Waste Site Cleanup, revised February 14, 2008.

Massachusetts Department of Environmental Protection, DEP Waste Site Cleanup Policy #WSC-94-400, Interim Remediation Waste Management Policy for Petroleum Contaminated Soil.

Massachusetts Department of Environmental Protection, #WSC-310-91, Standard References for Monitoring Wells.

Massachusetts Department of Environmental Protection, May 2002. Technical Update: Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil.

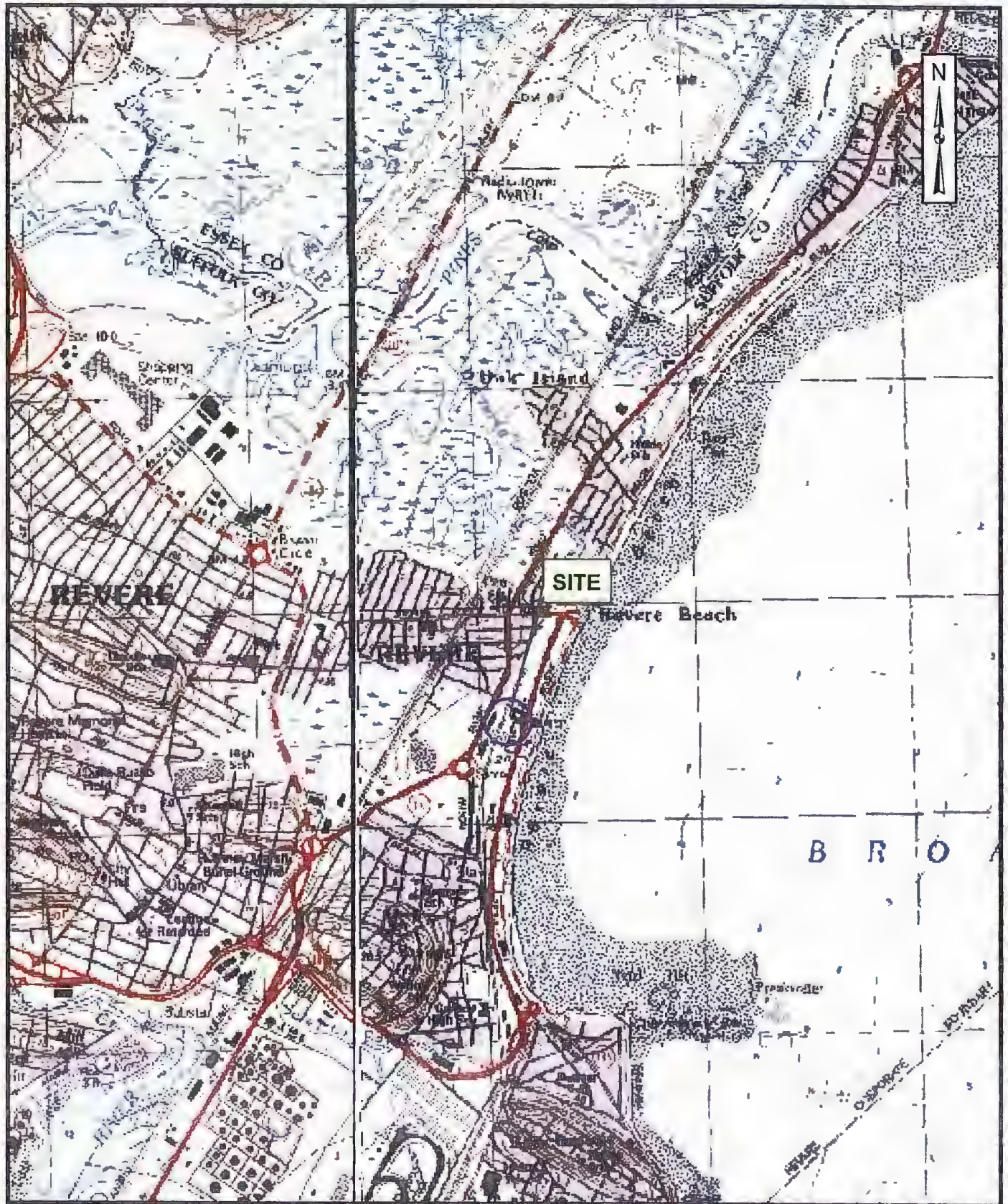
United States Geological Survey, *Lynn, Massachusetts Quadrangle Map*, 1985.

Weston & Sampson, Inc., June 2009 ASTM Phase I Site Investigation.

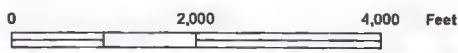
American Society of Testing and Materials (ASTM) E1903 - 97(2002) Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process.

Zen, E-an (Editor), 1983 United States Geological Survey Bedrock Geologic Map of Massachusetts.

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**FIGURE 1**  
**REVERE MASSACHUSETTS**  
**PARCEL H, DCR LOT AND NORTH LOT**  
**OCEAN AVENUE**  
**LOCUS MAP**





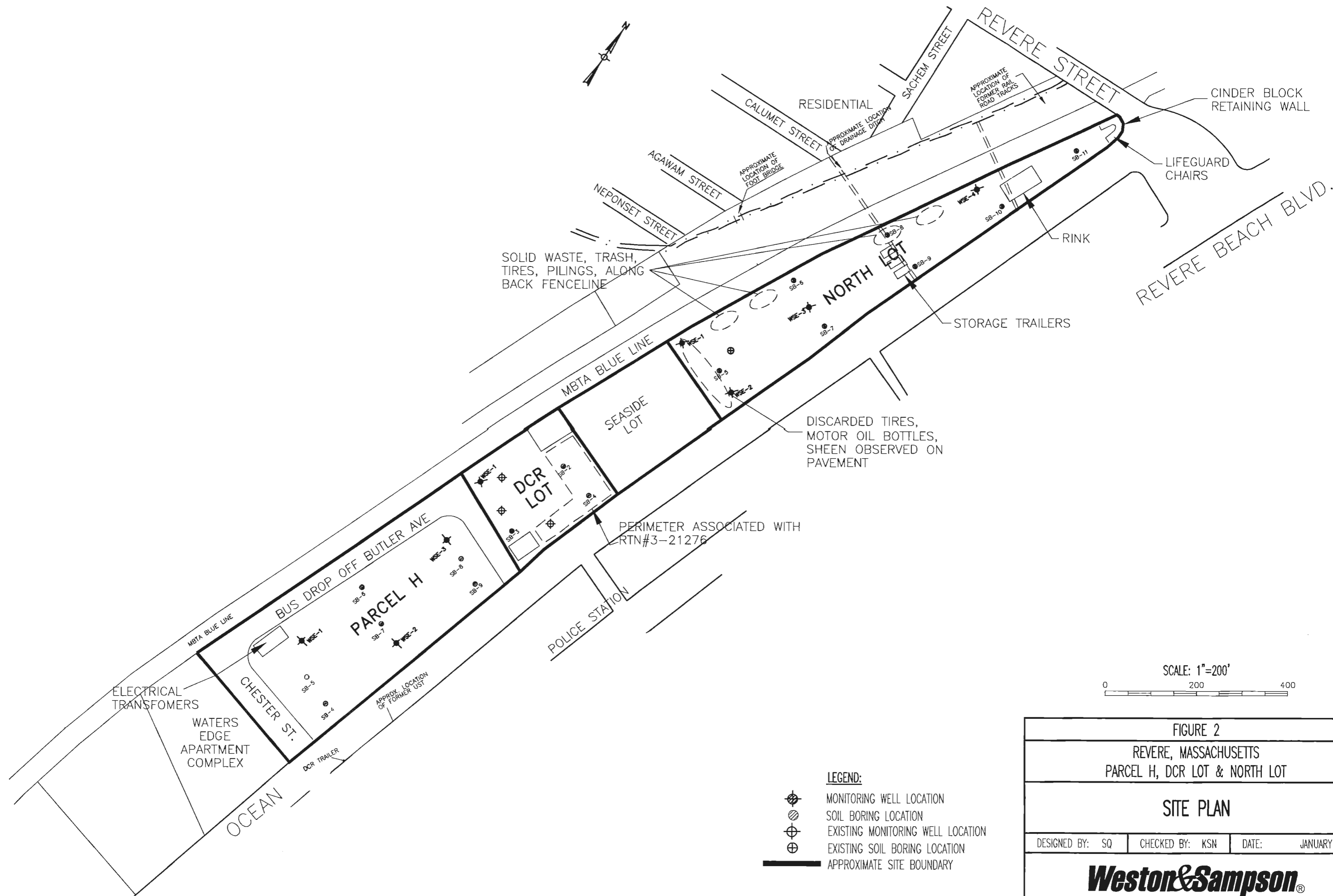


FIGURE 2

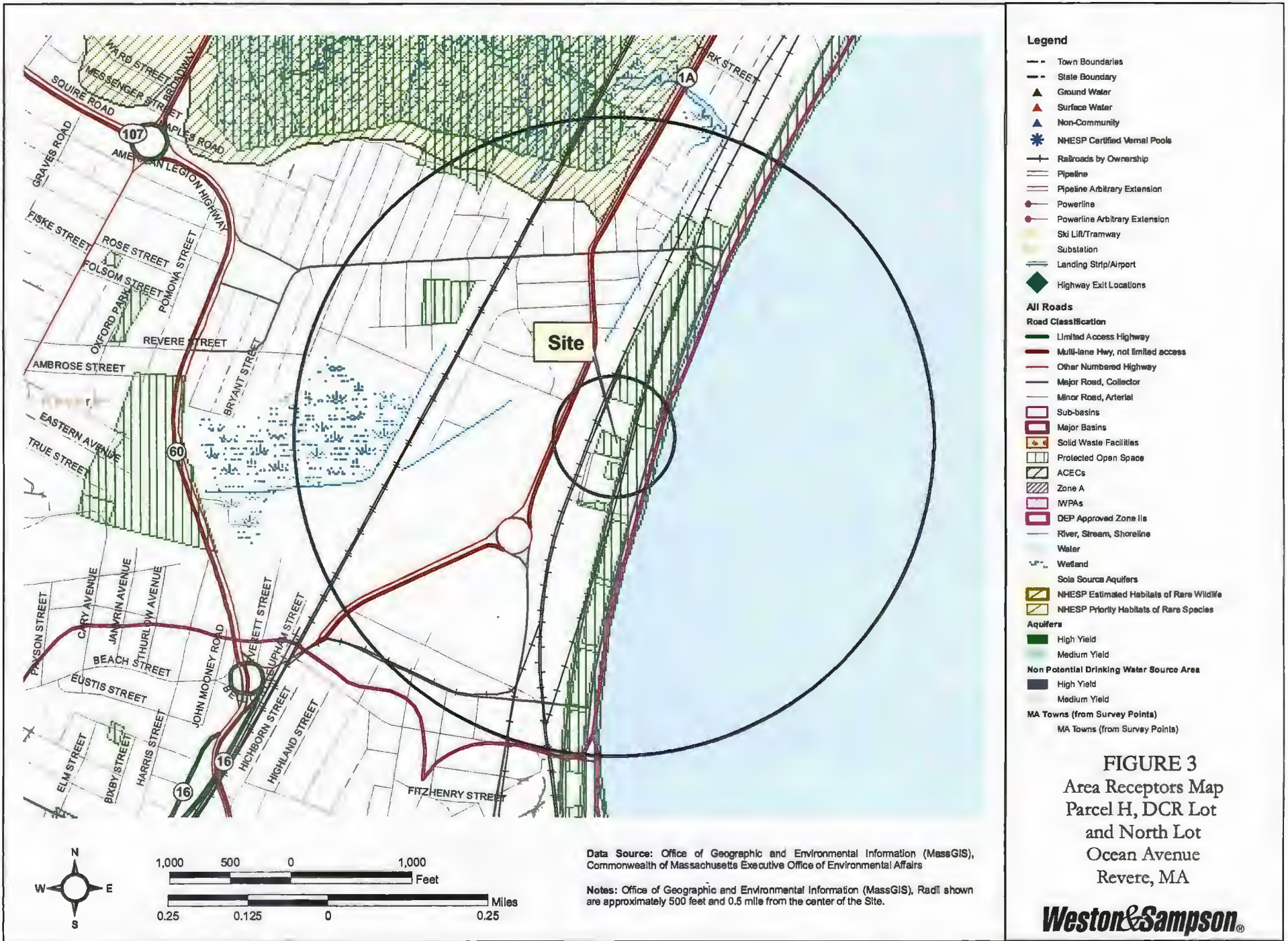
REVERE, MASSACHUSETTS  
PARCEL H, DCR LOT & NORTH LOT

SITE PLAN

DESIGNED BY: SQ	CHECKED BY: KSN	DATE: JANUARY 2010
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U. \PARETIA MA \PDUWIIIIIIIIUS PIIUJEU \PARETIA II EDA \PARETIA II EDA - FIGS 2 - U. \PDUWIIIIIIUS



EW ENGLAND POWER

MBTA BLUE LINE

ALMERS  
93.00

CHESTER ST.

PARCEL H

AVENUE

94.00

95.00

SB-5

SB-4

WSE-1  
(95.57)

SB-7

WSE-2  
(95.67)

SB-6

WSE-3  
(95.55)

SB-8

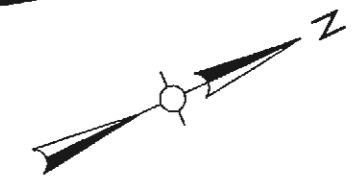
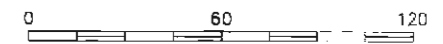
SB-9

95.00

95.50

96.00

SCALE: 1"=60'



LEGEND:






-  MONITORING WELL LOCATION
-  SOIL BORING LOCATION
-  APPROXIMATE SITE BOUNDARY
-  GROUNDWATER CONTOUR
-  APPROX. DIRECTION OF GROUNDWATER FLOW AS MEASURED ON 9/1/2009

FIGURE 4

REVERE, MASSACHUSETTS  
PARCEL H

GROUNDWATER CONTOUR MAP

DESIGNED BY: MER	CHECKED BY: LEM	DATE: MARCH, 2010
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**Weston & Sampson**

**Table 1**  
**Groundwater Elevation Data**  
**Parcel H**  
**Revere, Massachusetts**

Monitoring Well	Top of PVC Riser Elevation	Depth to Groundwater		
		12/16/09	1/21/10	1/22/10
WSE-1	100.50	4.71	4.94	4.93
WSE-2	99.71	3.87	4.05	4.04
WSE-3	99.43	3.78	3.86	3.88
Monitoring Well	Top of PVC Riser Elevation	Groundwater Elevation		
		12/16/09	1/21/10	1/22/10
WSE-1	100.50	95.79	95.56	95.57
WSE-2	99.71	95.84	95.66	95.67
WSE-3	99.43	95.65	95.57	95.55

**Notes:**

Depth to groundwater measured from top of PVC

Elevations in feet relative to mean sea level.



**Table 2**  
**PARCEL H**  
**REVERE, Massachusetts**  
**Photoionization Detector (PID) Soil Boring Field Screening Results**  
**December 3, 2009**

Date	Boring	PID Sample	Sample Depth (feet below ground surface)	PID Reading (parts per million by volume)
12/3/2009	SB-4	S-1	0-5'	<0.1
12/3/2009	SB-4	S-2	5-10'	<0.1
12/3/2009	SB-5	S-1	1-3'	<0.1
12/3/2009	SB-5	S-2	3-4'	<0.1
12/3/2009	SB-5	S-3	5-10'	<0.1
12/3/2009	SB-6	S-1	0-5'	<0.1
12/3/2009	SB-6	S-2	5-10'	<0.1
12/3/2009	SB-7	S-1	0-4'	<0.1
12/3/2009	SB-7	S-2	4-10'	<0.1
12/3/2009	SB-8	S-1	0-5'	<0.1
12/3/2009	SB-8	S-2	5-10'	<0.1
12/3/2009	SB-9	S-1	0-5'	<0.1
12/3/2009	SB-9	S-2	5-10'	<0.1
12/3/2009	WSE-1	S-1	0-5'	<0.1
12/3/2009	WSE-1	S-2	5-10'	<0.1
12/3/2009	WSE-2	S-1	0-5'	<0.1
12/3/2009	WSE-2	S-2	5-10'	<0.1
12/3/2009	WSE-3	S-1	0-5'	<0.1
12/3/2009	WSE-3	S-2	5-10'	<0.1

WSE & SB = soil boring

ppmv = parts per million by volume

<0.1 = Not Detected or less than Background.

(\*) indicates that PID reading was not taken



Table 3  
 PARCEL H  
 Revere, Massachusetts  
 Soil Analytical Results  
 December 3, 2009

Analyte	Units	Reportable Concentrations RCs-1 [mg/kg]		Method 1 Standards [µg/g = mg/kg]		Sample Number, Depth (feet) and Date																	
		S3/GW-2	S3/GW-3	WSE1 0-5'	WSE 2 2-4'	WSE 3 0-5'	WSE 3 2 ft	SB4 2-4'	SB5 1-3'	SB5 3-4'	SB 8 2-4'	SB 6 0-5'	Dup 1 (SB6 0-5)	SB 7 0-4'	SB 7 5 ft	SB 8 4-5'	SB 9 1-3'	C1 5-10'	C2 5-10'	C3 5-10'	Trip Blank 12/03/09	Trip Blank 12/03/09	
																							12/03/09
<b>SVOCs</b>																							
Acenaphthene	mg/Kg	4	5000	5000	<0.37	<0.36	<0.19	NA	<0.17	<0.18	<0.18	<0.18	<0.37	<0.36	<0.37	NA	NA	<1.8	<0.19	<0.39	<0.19	NA	NA
Acenaphthylene	mg/Kg	1	600	10	<0.37	<0.36	<0.19	NA	<0.17	<0.18	<0.18	<0.18	<0.37	<0.36	<0.37	NA	NA	<1.8	<0.19	<0.39	<0.19	NA	NA
Acetophenone	mg/Kg	1000	NS	NS	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
Aniline	mg/Kg	1000	NS	NS	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
Anthracene	mg/Kg	1000	5000	5000	<0.37	<0.36	<0.19	NA	<0.17	<0.18	<0.18	<0.18	0.44	<0.36	0.41	NA	NA	2.3	<0.19	<0.39	<0.19	NA	NA
Benzofluoranthene	mg/Kg	7	300	300	<0.37	0.94	<0.19	NA	<0.17	<0.18	<0.18	<0.18	1.1	0.44	1.1	NA	NA	5.5	<0.19	0.73	<0.19	NA	NA
Benzofluoranthene	mg/Kg	7	300	300	<0.37	0.87	<0.19	NA	<0.17	<0.18	<0.18	<0.18	1.2	0.38	1	NA	NA	5	<0.19	0.61	<0.19	NA	NA
Benzofluoranthene	mg/Kg	7	300	300	<0.37	1.1	<0.19	NA	<0.17	<0.18	<0.18	<0.18	1.5	0.51	1.2	NA	NA	6	<0.19	0.71	<0.19	NA	NA
Benzofluoranthene	mg/Kg	1000	5000	5000	<0.37	0.44	<0.19	NA	<0.17	<0.18	<0.18	<0.18	0.57	<0.36	0.43	NA	NA	2.4	<0.19	<0.39	<0.19	NA	NA
Benzofluoranthene	mg/Kg	70	3000	3000	<0.37	0.38	<0.19	NA	<0.17	<0.18	<0.18	<0.18	0.57	<0.36	0.45	NA	NA	2	<0.19	<0.39	<0.19	NA	NA
Bis(2-chloroethoxy)methane	mg/Kg	500	NS	NS	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
Bis(2-chloroethoxy)ether	mg/Kg	0.7	0.7	9	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
Bis(2-chloroisopropyl)ether	mg/Kg	0.7	0.7	100	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
Bis(2-ethylhexyl)phthalate	mg/Kg	200	3000	3000	<0.73	<0.73	0.45	NA	0.52	<0.36	0.39	0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	0.45	<0.79	0.38	NA	NA
4-Bromophenylphenylether	mg/Kg	100	NS	NS	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
Butylbenzylphthalate	mg/Kg	100	NS	NS	<1.4	<1.4	<0.73	NA	<0.67	<0.71	<0.69	<0.72	<1.4	<1.4	<1.5	NA	NA	<6.9	<0.72	<1.5	<0.72	NA	NA
4-Chloroaniline	mg/Kg	1	100	3	<1.4	<1.4	<0.73	NA	<0.67	<0.71	<0.69	<0.72	<1.4	<1.4	<1.5	NA	NA	<6.9	<0.72	<1.5	<0.72	NA	NA
2-Chloronaphthalene	mg/Kg	1000	NS	NS	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
2-Chlorophenol	mg/Kg	0.7	100	300	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
Chrysene	mg/Kg	70	3000	3000	<0.37	0.91	<0.19	NA	<0.17	<0.18	<0.18	<0.18	1.1	0.4	0.95	NA	NA	5.4	<0.19	0.65	<0.19	NA	NA
Dibenz(a,h)anthracene	mg/Kg	0.7	30	30	<0.37	<0.36	<0.19	NA	<0.17	<0.18	<0.18	<0.18	0.43	<0.36	<0.37	NA	NA	1.8	<0.19	<0.39	<0.19	NA	NA
Dibenzofuran	mg/Kg	100	NS	NS	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
Di-n-butylphthalate	mg/Kg	50	NS	NS	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	5.1	<0.37	<0.79	<0.37	NA	NA
1,2-Dichlorobenzene	mg/Kg	9	30	300	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
1,3-Dichlorobenzene	mg/Kg	1	40	500	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
1,4-Dichlorobenzene	mg/Kg	0.7	4	2000	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
3,3'-Dichlorobenzidine	mg/Kg	1	40	40	<0.37	<0.36	<0.19	NA	<0.17	<0.18	<0.18	<0.18	<0.37	<0.36	<0.37	NA	NA	<1.8	<0.19	<0.39	<0.19	NA	NA
2,4-Dichlorophenol	mg/Kg	0.7	60	40	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
Diethylphthalate	mg/Kg	10	200	300	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
2,4-Dimethylphenol	mg/Kg	0.7	100	1000	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
Dimethylphthalate	mg/Kg	30	50	600	<1.4	<1.4	<0.73	NA	<0.67	<0.71	<0.69	<0.72	<1.4	<1.4	<1.5	NA	NA	<6.9	<0.72	<1.5	<0.72	NA	NA
2,4-Dinitrophenol	mg/Kg	3	50	90	<1.4	<1.4	<0.73	NA	<0.67	<0.71	<0.69	<0.72	<1.4	<1.4	<1.5	NA	NA	<6.9	<0.72	<1.5	<0.72	NA	NA
2,4-Dinitrotoluene	mg/Kg	0.7	50	70	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
2,6-Dinitrotoluene	mg/Kg	100	NS	NS	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
Di-n-octylphthalate	mg/Kg	1000	NS	NS	<1.4	<1.4	<0.73	NA	<0.67	<0.71	<0.69	<0.72	<1.4	<1.4	<1.5	NA	NA	<6.9	<0.72	<1.5	<0.72	NA	NA
1,2-Diphenylhydrazine (as Azobenzene)	mg/Kg	50	NS	NS	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
Fluoranthene	mg/Kg	1000	5000	5000	<0.37	1.6	<0.19	NA	<0.17	0.25	<0.18	0.21	1.7	0.79	1.6	NA	NA	10	<0.19	1.4	<0.19	NA	NA
Fluorene	mg/Kg	1000	5000	5000	<0.37	<0.36	<0.19	NA	<0.17	<0.18	<0.18	<0.18	<0.37	<0.36	<0.37	NA	NA	<1.8	<0.19	<0.39	<0.19	NA	NA
Hexachlorobenzene	mg/Kg	0.7	30	30	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
Hexachlorobutadiene	mg/Kg	6	100	100	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
Hexachlorocyclopentadiene	mg/Kg	0.7	3	100	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
Indeno(1,2,3-cd)pyrene	mg/Kg	7	300	300	<0.37	0.84	<0.19	NA	<0.17	<0.18	<0.18	0.24	1.1	0.54	0.86	NA	NA	4.5	<0.19	0.65	<0.19	NA	NA
Isophorene	mg/Kg	100	NS	NS	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
2-Methylnaphthalene	mg/Kg	0.7	80	500	<0.37	<0.36	<0.19	NA	<0.17	<0.18	<0.18	<0.18	<0.37	<0.36	<0.37	NA	NA	<1.8	<0.19	<0.39	<0.19	NA	NA
3-Methylphenol	mg/Kg	500	NS	NS	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<0.75	NA	NA	<3.6	<0.37	<0.79	<0.37	NA	NA
3,4-Methylphenol	mg/Kg	500	NS	NS	<0.73	<0.73	<0.38	NA	<0.35	<0.36	<0.36	<0.37	<0.75	<0.73	<								



Table 3  
**PARCEL H**  
 Revere, Massachusetts  
 Soil Analytical Results  
 December 3, 2009

Analyte	Units	Reportable Concentrations RCs-1 [mg/kg]		Method 1 Standards [µg/g = mg/kg]		Sample Number, Depth (feet) and Date																	
		S3/GW-2	S3/GW-3	WSE1	WSE 2	WSE 3	WSE 3	SB4	SB5	SB 5	SB 8	SB 6	Dup 1	SB 7	SB 8	SB 9	C1	C2	C3	Trip Blank	Trip Blank		
				0-5'	2-4'	0-5'	2 ft	2-4'	1-3'	3-4'	2-4'	0-5'	(SB6 0-5)	0-4'	5 ft	4-5'	1-3'	5-10'	5-10'	5-10'	12/03/09	12/03/09	
<b>TPH</b>																							
TPH as Diesel	mg/Kg	1000	5000	5000	NA	NA	33	NA	<8.5	170	<8.7	NA	580	350	79	NA	NA	950	12	200	<9.1	NA	NA
Gasoline	mg/Kg	1000	NS	NS	NA	NA	<18	NA	<8.5	<89	<8.7	NA	<180	<180	<9.2	NA	NA	<180	<9.1	<96	<9.1	NA	NA
Kerosene/Jet Fuel	mg/Kg	1000	NS	NS	NA	NA	<18	NA	<8.5	<89	<8.7	NA	<180	<180	<9.2	NA	NA	<180	<9.1	<96	<9.1	NA	NA
Fuel Oil #2	mg/Kg	1000	NS	NS	NA	NA	<18	NA	<8.5	<89	<8.7	NA	<180	<180	<9.2	NA	NA	<180	<9.1	<96	<9.1	NA	NA
Fuel Oil #6	mg/Kg	1000	NS	NS	NA	NA	<18	NA	<8.5	<89	<8.7	NA	<180	<180	<9.2	NA	NA	<180	<9.1	<96	<9.1	NA	NA
Unknown Hydrocarbons (C9-C36)	mg/Kg	NS	NS	NS	NA	NA	33	NA	<8.5	170	<8.7	NA	580	350	79	NA	NA	950	12	200	<9.1	NA	NA
<b>EPH</b>																							
C9-C18 Aliphatics	mg/Kg	1000	5000	5000	<11	<11	NA	NA	NA	NA	NA	<11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	mg/Kg	3000	5000	5000	21	48	NA	NA	NA	NA	NA	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unadjusted C11-C22 Aromatics	mg/Kg	NS	NS	NS	26	67	NA	NA	NA	NA	NA	18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	mg/Kg	1000	5000	5000	20	46	NA	NA	NA	NA	NA	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/Kg	4	5000	5000	<0.11	0.25	NA	NA	NA	NA	NA	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	mg/Kg	1	600	10	<0.11	<0.11	NA	NA	NA	NA	NA	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	mg/Kg	1000	5000	5000	<0.11	0.67	NA	NA	NA	NA	NA	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	mg/Kg	7	300	300	0.46	1.7	NA	NA	NA	NA	NA	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/Kg	2	30	30	0.55	1.5	NA	NA	NA	NA	NA	0.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/Kg	7	300	300	0.86	2.2	NA	NA	NA	NA	NA	0.44	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/Kg	1000	5000	5000	0.44	1.2	NA	NA	NA	NA	NA	0.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/Kg	70	3000	3000	0.3	0.81	NA	NA	NA	NA	NA	0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	mg/Kg	70	3000	3000	0.66	1.9	NA	NA	NA	NA	NA	0.38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/Kg	0.7	30	30	0.13	0.4	NA	NA	NA	NA	NA	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/Kg	1000	5000	5000	0.99	3.3	NA	NA	NA	NA	NA	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	mg/Kg	1000	5000	5000	<0.11	0.3	NA	NA	NA	NA	NA	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/Kg	7	300	300	0.49	1.2	NA	NA	NA	NA	NA	0.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/Kg	0.7	80	500	<0.11	<0.11	NA	NA	NA	NA	NA	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	mg/Kg	4	40	3000	<0.11	<0.11	NA	NA	NA	NA	NA	<0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/Kg	10	3000	3000	0.49	2.5	NA	NA	NA	NA	NA	0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	mg/Kg	1000	5000	5000	1.1	3.5	NA	NA	NA	NA	NA	0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>RCRA 8 Metals</b>																							
Arsenic	mg/Kg	20	20	20	4.5	7.5	<2.8	NA	<2.5	4.4	<2.6	4.2	7.3	6.1	5.2	NA	NA	7	<2.7	<2.9	<2.7	NA	NA
Barium	mg/Kg	1000	5000	5000	83	92	<5.5	NA	6.4	220	8.3	16	100	140	39	NA	NA	200	5.6	47	<5.5	NA	NA
Cadmium	mg/Kg	2	30	30	0.47	0.58	<0.28	NA	<0.25	0.61	<0.26	<0.27	0.51	0.53	<0.27	NA	NA	0.47	<0.27	<0.29	<0.27	NA	NA
Chromium	mg/Kg	30	200	200	9.3	11	4.2	NA	4.1	12	5	7.3	18	21	11	NA	NA	15	5.4	9.1	5.1	NA	NA
Lead	mg/Kg	300	300	300	250	310	2.1	NA	13	400	5.1	29	310	340	86	NA	NA	400	6.4	140	2.7	NA	NA
Mercury	mg/Kg	20	30	30	0.11	0.36	0.02	NA	<0.017	0.19	0.024	0.027	0.14	0.21	0.12	NA	NA	0.32	<0.020	0.065	<0.022	NA	NA
Selenium	mg/Kg	400	800	800	<5.4	<5.4	<5.5	NA	<5.1	<5.3	<5.2	<5.4	<5.5	<5.3	<5.5	NA	NA	<5.3	<5.5	<5.8	<5.5	NA	NA
Silver	mg/Kg	100	200	200	<0.54	0.79	<0.55	NA	<0.51	<0.53	<0.52	<0.54	<0.55	<0.53	<0.55	NA	NA	<0.53	<0.55	<0.58	<0.55	NA	NA
<b>Conventional Chemistry Parameters</b>																							
% Solids	% Wt	NS	NS	NS	92.6	93.5	90.6	77.9	98	93.3	95.6	92	91.2	93.4	91	87.2	89.4	95.1	91.7	86.6	91.3	100	NA
Specific conductance	µmhos/cm	NS	NS	NS	8.9	6.5	23	NA	5.6	37	37	10	12	11	6.7	NA	NA	34	8.1	16	6.9	NA	NA
Reactive Cyanide	mg/Kg	4000	400	400	<3.9	<3.9	<4.0	NA	<3.9	<4.0	<4.0	<4.0	<3.9	<3.9	<3.9	NA	NA	<4.0	<3.9	<4.0	<3.8	NA	NA
Reactive Sulfide	mg/Kg	NS	NS	NS	<20	<20	<20	NA	<19	<20	<20	<20	<20	<20	<20	NA	NA	<20	<20	<20	<19	NA	NA
pH	pH Units	NS	NS	NS	7.4	8.4	6.3	NA	7.4	9.4	7.3	7.2	7.4	7.7	8.1	NA	NA	9.4	7.8	8.2	7.4	NA	NA
Ignitability	present/absent	NS	NS	NS	Absent	Absent	Absent	NA	Absent	Absent	Absent	Absent	Absent	Absent	Absent	NA	NA	Absent	Absent	Absent	Absent	NA	NA

VOCs= Volatile Organic Compounds  
 SVOCs= Semivolatile Organic Compounds  
 PCBs= Polychlorinated Biphenyls  
 TPH= Total Petroleum Hydrocarbons  
 EPH= Extractable Petroleum Hydrocarbons  
 NA= Not Analyzed  
 NS= No Standard

**BOLD**  
**BOLD**

**Table 4**  
**PARCEL H**  
**REVERE, Massachusetts**  
**Groundwater Analytical Results**  
**December 16, 2009**

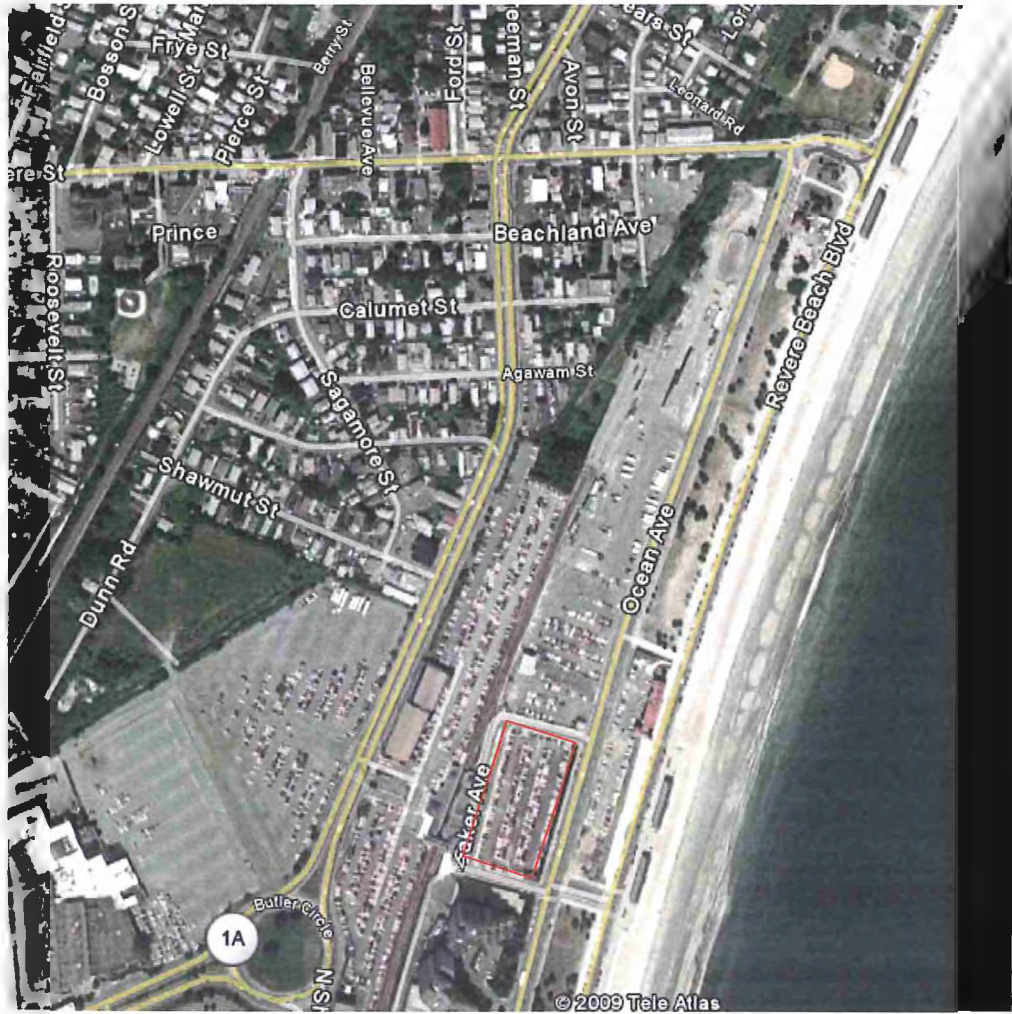
Analyte	Units	Reportable Concentrations [µg/l]		Method 1 Standards [µg/l]		WSE-1	DUP-1 (WSE-1)	WSE-2	WSE-3	Trip Blank
		GW-2	GW-3	GW-2	GW-3	12/16/09	12/16/09	12/16/09	12/16/09	12/16/09
<b>SVOCs</b>										
Benzo(a)anthracene	µg/L	1000	NS	NS	1,000	<0.050	<0.050	<0.050	<0.050	NA
Benzo(a)pyrene	µg/L	500	NS	NS	500	<0.10	<0.10	<0.10	<0.10	NA
Benzo(b)fluoranthene	µg/L	400	NS	NS	400	<0.050	<0.050	<0.050	<0.050	NA
Benzo(g,h,i)perylene	µg/L	20	NS	NS	20	<0.50	<0.50	<0.50	<0.50	NA
Benzo(k)fluoranthene	µg/L	NS	NS	NS	100	<0.20	<0.20	<0.20	<0.20	NA
Chrysene	µg/L	70	NS	NS	70	<0.20	<0.20	<0.20	<0.20	NA
Dibenz(a,h)anthracene	µg/L	40	NS	NS	40	<0.20	<0.20	<0.20	<0.20	NA
Indeno(1,2,3-cd)pyrene	µg/L	100	NS	NS	100	<0.20	<0.20	<0.20	<0.20	NA
<b>EPH</b>										
C9-C18 Aliphatics	µg/L	5000	NS	5,000	50,000	<150	<150	<150	<150	NA
C19-C36 Aliphatics	µg/L	50000	NS	NS	50,000	<150	<150	<150	<150	NA
Unadjusted C11-C22 Aromatics	µg/L	NS	NS	NS	NS	<100	<100	<100	<100	NA
C11-C22 Aromatics	µg/L	5000	NS	50,000	5,000	<100	<100	<100	<100	NA
Acenaphthene	µg/L	6000	NS	NS	6,000	<2.0	<2.0	<2.0	<2.0	NA
Acenaphthylene	µg/L	40	NS	10,000	40	<2.0	<2.0	<2.0	<2.0	NA
Anthracene	µg/L	30	NS	NS	30	<2.0	<2.0	<2.0	<2.0	NA
Benzo(a)anthracene	µg/L	1000	NS	NS	1,000	<2.0	<2.0	<2.0	<2.0	NA
Benzo(a)pyrene	µg/L	500	NS	NS	500	<2.0	<2.0	<2.0	<2.0	NA
Benzo(b)fluoranthene	µg/L	400	NS	NS	400	<2.0	<2.0	<2.0	<2.0	NA
Benzo(g,h,i)perylene	µg/L	20	NS	NS	20	<2.0	<2.0	<2.0	<2.0	NA
Benzo(k)fluoranthene	µg/L	NS	NS	NS	100	<2.0	<2.0	<2.0	<2.0	NA
Chrysene	µg/L	70	NS	NS	70	<2.0	<2.0	<2.0	<2.0	NA
Dibenz(a,h)anthracene	µg/L	40	NS	NS	40	<2.0	<2.0	<2.0	<2.0	NA
Fluoranthene	µg/L	200	NS	NS	200	<2.0	<2.0	<2.0	<2.0	NA
Fluorene	µg/L	40	NS	NS	40	<2.0	<2.0	<2.0	<2.0	NA
Indeno(1,2,3-cd)pyrene	µg/L	100	NS	NS	100	<2.0	<2.0	<2.0	<2.0	NA
2-Methylnaphthalene	µg/L	2000	NS	2,000	20,000	<2.0	<2.0	<2.0	<2.0	NA
Naphthalene	µg/L	1000	NS	1,000	20,000	<2.0	<2.0	<2.0	<2.0	NA
Phenanthrene	µg/L	10000	NS	NS	10,000	<2.0	<2.0	<2.0	<2.0	NA
Pyrene	µg/L	20	NS	NS	20	<2.0	<2.0	<2.0	<2.0	NA
<b>VPH</b>										
Unadjusted C5-C8 Aliphatics	µg/L	NS	NS	NS	NS	<100	<100	<100	<100	<100
C5-C8 Aliphatics	µg/L	3000	NS	3,000	50,000	<100	<100	<100	<100	<100
Unadjusted C9-C12 Aliphatics	µg/L	NS	NS	NS	NS	<100	<100	<100	<100	<100
C9-C12 Aliphatics	µg/L	5000	NS	5,000	50,000	<100	<100	<100	<100	<100
C9-C10 Aromatics	µg/L	7000	NS	7,000	50,000	<100	<100	<100	<100	<100
Benzene	µg/L	2000	NS	2,000	10,000	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	µg/L	5000	NS	30,000	5,000	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl tert-Butyl Ether (MTBE)	µg/L	5000	NS	50,000	50,000	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	µg/L	1000	NS	1,000	20,000	<10	<10	<10	<10	<10
Toluene	µg/L	40000	NS	50,000	40,000	<1.0	<1.0	<1.0	<1.0	<1.0
m+p Xylene	µg/L	NS	NS	NS	NS	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene	µg/L	6000	NS	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes	µg/L	5000	NS	9,000	5,000	<3.0	<3.0	<3.0	<3.0	<3.0
<b>RCRA 8 Metals (Dissolved)</b>										
Arsenic, dissolved	µg/L	900	NS	NS	900	<b>19</b>	<b>21</b>	<b>11</b>	<b>4.9</b>	NA
Barium, dissolved	µg/L	50000	NS	NS	50,000	<250	<250	<250	<250	NA
Cadmium, dissolved	µg/L	4	NS	NS	4	<2.5	<2.5	<2.5	<2.5	NA
Chromium, dissolved	µg/L	300	NS	NS	300	<50	<50	<50	<50	NA
Lead, dissolved	µg/L	10	NS	NS	10	<5.0	<5.0	<5.0	<5.0	NA
Selenium, dissolved	µg/L	100	NS	NS	100	<b>44</b>	<b>51</b>	<b>28</b>	<25	NA
Silver, dissolved	µg/L	7	NS	NS	7	<2.5	<2.5	<2.5	<2.5	NA
Mercury, dissolved	mg/L	20	NS	NS	20	<0.00010	<0.00010	<0.00010	<0.00010	NA

NA = Not Analyzed  
 NS = No Standard  
 ND = Not Detected  
 SVOCs = Semi Volatile Organic Compounds  
 VPH = Volatile Petroleum Hydrocarbons  
 EPH = Extractable Petroleum Hydrocarbons  
 MCP Cleanup Standards (310 CMR  
 40.0000) cited from the MCP revised  
 February 14, 2008

**BOLD** = exceeds laboratory detection limit  
**BOLD** = exceeds RCs GW-2 standard  
**BOLD** = exceeds Method 1 Standards  
 < = indicates parameter not detected above laboratory method  
 detection limit shown  
 \* = Concentration is estimated  
 µg/l = micrograms per liter  
 mg/l = milligrams per liter

**APPENDIX A**

Waterfront Square Project Area



Aerial Photograph  
Parcel H  
Revere, Massachusetts

## **APPENDIX B**

### **Soil Boring and Well Construction Logs**



# Weston & Sampson

PROJECT  
REVERE Brownfield  
Parcel H

REPORT OF BORING No. SB-4  
SHEET 1 OF 1  
Project No. 2090037  
CHKD BY \_\_\_\_\_

BORING Co. New England Geotech BORING LOCATION See attached plan  
FOREMAN \_\_\_\_\_ GROUND SURFACE ELEV. unknown DATUM \_\_\_\_\_  
WSE GEOLOGIST: SQ DATE START 12/3/09 DATE END 12/3/09

SAMPLER: Geoprobe 6620 DT  
CASING: na  
CASING SIZE: N/A Method Direct Push

GROUNDWATER READINGS				
DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
		~ 5'		

DEPTH (feet)	CASING (lb/ft)	SAMPLE				PID (ppm)	SAMPLE DESCRIPTION Burmister Classification	NOTES	STRATUM DESCRIPTION
		No.	PEN/REC (in)	DEPTH (ft)	BLOWS/6"				
5		S1	60/50	0-5		<0.1	0-13" Asphalt 13-16" dark brown Silt and f Sand 16-50" brown m Sand	1	FILL -SAND
10		S2	60/60	5-10		<0.1	0-29" brown f-m Sand 29-60" brown to gray c Sand and Gravel	2	SAND
15									
20									
25									
30									
35									

GRANULAR SOILS		COHESIVE SOILS		REMARKS:
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY	
0-4	V. LOOSE	0-2	V. SOFT	(1) Sample from 2-4 ft. for Disposal and VOCs (2) Sample from 4-5 ft. (Water Table) for composite C3
4-10	LOOSE	2-4	SOFT	
10-30	M. DENSE	4-8	M. STIFF	
30-50	DENSE	8-15	STIFF	
> 50	V. DENSE	15-30	V. STIFF	
		> 30	HARD	

NOTES: 1) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.  
2) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. SB-4

<h1>Weston &amp; Sampson</h1>	<b>PROJECT</b>	REPORT OF BORING No. <u>SB-5</u>
	REVERE Brownfield Parcel H	SHEET <u>1</u> OF <u>1</u>
		Project No. <u>2090037</u>
	CHKD BY _____	

BORING Co. <u>New England Geotech</u>	BORING LOCATION <u>See attached plan</u>
FOREMAN _____	GROUND SURFACE ELEV. <u>unknown</u> DATUM _____
WSE GEOLOGIST: <u>SQ</u>	DATE START <u>12/3/09</u> DATE END <u>12/3/09</u>

SAMPLER: <u>Geoprobe 6620 DT</u>  CASING: <u>na</u>  CASING SIZE: <u>N/A</u> Method <u>Direct Push</u>	<b>GROUNDWATER READINGS</b>				
	DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
			~ 5'		

DEPTH (feet)	CASING (lb/ft)	SAMPLE				PID (ppm)	SAMPLE DESCRIPTION Burmister Classification	NOTES	STRATUM DESCRIPTION
		No.	PEN/REC (in)	DEPTH (ft)	BLOWS/6"				
5		S1	60/38	0-5		<0.1	0-4" Asphalt		
							4-19" dark brown fill (bricks-rocks fragm.)	1	FILL
							Stained - likley pyrogenic origin - wood ash(?)		
							19-21" light brown f-m Sand	*	
							21-29" dark brown f-m Sand	2	SAND
10							29-38" light brown m Sand		
		S2	60/60	5-10		<0.1	0-60" brown m Sand	3	SAND
15									
20									
25									
30									
35									

GRANULAR SOILS		COHESIVE SOILS		REMARKS:
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY	
0-4	V. LOOSE	0-2	V. SOFT	
4-10	LOOSE	2-4	SOFT	(1) Sample from 1-3 ft. for Disposal and VOCs
10-30	M. DENSE	4-8	M. STIFF	(2) Sample from 3-4 ft. for Disposal and VOCs
30-50	DENSE	8-15	STIFF	(3) Sample from 5-10 ft. for composite C3
> 50	V. DENSE	15-30	V. STIFF	(*) delineated contact (stain)
		> 30	HARD	

NOTES: 1) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.  
 2) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG.  
 FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. <u>SB-5</u>
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# Weston & Sampson

PROJECT  
REVERE Brownfield  
Parcel H

REPORT OF BORING No. SB-6

SHEET 1 OF 1  
Project No. 2090037  
CHKD BY \_\_\_\_\_

BORING Co. New England Geotech

BORING LOCATION See attached plan

FOREMAN \_\_\_\_\_

GROUND SURFACE ELEV. unknown DATUM \_\_\_\_\_

WSE GEOLOGIST: SQ

DATE START 12/3/09 DATE END 12/3/09

SAMPLER: Geoprobe 6620 DT

### GROUNDWATER READINGS

CASING: na

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
		~ 5'		

CASING SIZE: N/A Method Direct Push

DEPTH (feet)	CASING (lb/ft)	SAMPLE				PID (ppm)	SAMPLE DESCRIPTION Burmister Classification	NOTES	STRATUM DESCRIPTION
		No.	PEN/REC (in)	DEPTH (ft)	BLOWS/6"				
5		S1	60/42	0-5		<0.1	0-6" Asphalt 6-42" fill (sand, rock fragm.)	1	FILL
10		S2	60/27	5-10		<0.1	0-10" fill 10-24" dark brown organic soil (roots) 24-27" gray m Sand	2	FILL MARSH SAND
15									EOB @ 10 ft.
20									
25									
30									
35									

GRANULAR SOILS		COHESIVE SOILS		REMARKS:
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY	
0-4	V. LOOSE	0-2	V. SOFT	(1) Sample from 0-5 ft. for Disposal and VOCs + Duplicate (Dup 1) (2) Sample from 5-10 ft. for composite C2
4-10	LOOSE	2-4	SOFT	
10-30	M. DENSE	4-8	M. STIFF	
30-50	DENSE	8-15	STIFF	
> 50	V. DENSE	15-30	V. STIFF	
		> 30	HARD	

NOTES: 1) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.  
2) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG.  
FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. SB-6

# Weston & Sampson

PROJECT  
REVERE Brownfield  
Parcel H

REPORT OF BORING No. SB-7  
SHEET 1 OF 1  
Project No. 2090037  
CHKD BY \_\_\_\_\_

BORING Co. New England Geotech

BORING LOCATION See attached plan

FOREMAN \_\_\_\_\_

GROUND SURFACE ELEV. unknown DATUM \_\_\_\_\_

WSE GEOLOGIST: SQ

DATE START 12/3/09 DATE END 12/3/09

SAMPLER: Geoprobe 6620 DT

### GROUNDWATER READINGS

CASING: na

DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
		~ 5'		

CASING SIZE: N/A Method Direct Push

DEPTH (feet)	CASING (lb/ft)	SAMPLE				PID (ppm)	SAMPLE DESCRIPTION Burmister Classification	NOTES	STRATUM DESCRIPTION
		No.	PEN/REC (in)	DEPTH (ft)	BLOWS/6"				
5		S1	60/36	0-5		<0.1	0-5" Asphalt	1	FILL
							5-25" fill (rock fragm.)		
							25-32" dark brown m Sand (bricks, porcelain fragm.)		
10							32-36" brown m Sand	2	SAND
		S2	60/31	5-10		<0.1	0-31" brown m Sand		
15									EOB @ 10 ft.
20									
25									
30									
35									

GRANULAR SOILS		COHESIVE SOILS		REMARKS:
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY	
0-4	V. LOOSE	0-2	V. SOFT	(1) Sample from 0-4 ft. for Disposal and VOCs (2) Sample from 5 ft. for VOCs (3) Sample from 5-10 ft. for composite C2
4-10	LOOSE	2-4	SOFT	
10-30	M. DENSE	4-8	M. STIFF	
30-50	DENSE	8-15	STIFF	
> 50	V. DENSE	15-30	V. STIFF	
		> 30	HARD	

NOTES: 1) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.  
2) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. SB-7

<h1>Weston &amp; Sampson</h1>	PROJECT	REPORT OF BORING No. <u>SB-8</u>
	REVERE Brownfield Parcel H	SHEET <u>1</u> OF <u>1</u>
		Project No. <u>2090037</u>
	CHKD BY _____	

BORING Co. <u>New England Geotech</u>	BORING LOCATION <u>See attached plan</u>
FOREMAN _____	GROUND SURFACE ELEV. <u>unknown</u> DATUM _____
WSE GEOLOGIST: <u>SQ</u>	DATE START <u>12/3/09</u> DATE END <u>12/3/09</u>

SAMPLER: <u>Geoprobe 6620 DT</u>	GROUNDWATER READINGS				
	DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
CASING: <u>na</u>			<u>~ 4.5'</u>		
CASING SIZE: <u>N/A</u> Method <u>Direct Push</u>					

DEPTH (feet)	CASING (lb/ft)	SAMPLE				PID (ppm)	SAMPLE DESCRIPTION Burmister Classification	NOTES	STRATUM DESCRIPTION
		No.	PEN/REC (in)	DEPTH (ft)	BLOWS/6"				
5		S1	60/47	0-5		<0.1	0-10" Asphalt 10-24" gray m Sand and f Gravel 24-37" dark brown m Sand (Pyrogenic staining - possible wood ash?) 37-47" brown m-c Sand	1	FILL -SAND
10		S2	60/52	5-10		<0.1	0-52" brown m-c Sand , some fine Gravel	2,3	SAND
15									
20									
25									
30									
35									

GRANULAR SOILS		COHESIVE SOILS		REMARKS:
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY	
0-4	V. LOOSE	0-2	V. SOFT	
4-10	LOOSE	2-4	SOFT	(1) Sample from 2-4 ft. for Disposal and VOCs
10-30	M. DENSE	4-8	M. STIFF	(2) Sample from 4-5 ft. ( Water Table) for VOCs
30-50	DENSE	8-15	STIFF	(3) Sample from 4-5 ft. for composite C1
> 50	V. DENSE	15-30	V. STIFF	
		> 30	HARD	

NOTES: 1) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.  
 2) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG.  
 FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. <u>SB-8</u>
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<h1>Weston &amp; Sampson</h1>	<b>PROJECT</b>	REPORT OF BORING No. <u>SB-9</u>	
	REVERE Brownfield Parcel H	SHEET <u>1</u> OF <u>1</u>	
		Project No. <u>2090037</u>	
	CHKD BY _____		

BORING Co. <u>New England Geotech</u>	BORING LOCATION <u>See attached plan</u>
FOREMAN _____	GROUND SURFACE ELEV. <u>unknown</u> DATUM _____
WSE GEOLOGIST: <u>SQ</u>	DATE START <u>12/3/09</u> DATE END <u>12/3/09</u>

SAMPLER: <u>Geoprobe 6620 DT</u>  CASING: <u>na</u>  CASING SIZE: <u>N/A</u> Method <u>Direct Push</u>	<b>GROUNDWATER READINGS</b>				
	DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
			~ 4'		

DEPTH (feet)	CASING (lb/ft)	SAMPLE				PID (ppm)	SAMPLE DESCRIPTION Burmister Classification	NOTES	STRATUM DESCRIPTION
		No.	PEN/REC (in)	DEPTH (ft)	BLOWS/6"				
5		S1	60/48	0-5		<0.1	0-7" Asphalt 7-10" Stabilizer (coarse Gravel) 10-21" dark brown f Sand with f Gravel (dark staining in soil - possible pyrogenic origin) 21-48" brown m-c Sand		FILL -SAND
10		S2	60/29	5-10		<0.1	0-29" brown m-c Sand		SAND
15									
20									
25									
30									
35									

GRANULAR SOILS		COHESIVE SOILS		REMARKS:
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY	
0-4	V. LOOSE	0-2	V. SOFT	
4-10	LOOSE	2-4	SOFT	
10-30	M. DENSE	4-8	M. STIFF	
30-50	DENSE	8-15	STIFF	
> 50	V. DENSE	15-30	V. STIFF	
		> 30	HARD	

NOTES: 1) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.  
 2) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG.  
 FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. <u>SB-9</u>
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<h1>Weston &amp; Sampson</h1>	<u>PROJECT</u> REVERE Brownfield Parcel H	<u>REPORT OF BORING No.</u> WSE-1
	SHEET 1 OF 1	Project No. 2090037
	CHKD BY _____	_____

BORING Co. <u>New England Geotech</u>	BORING LOCATION <u>See attached plan</u>
FOREMAN _____	GROUND SURFACE ELEV. <u>unknown</u> DATUM _____
WSE GEOLOGIST: <u>SQ</u>	DATE START <u>12/3/09</u> DATE END <u>12/3/09</u>

SAMPLER: <u>Geoprobe 6620 DT</u>	<b>GROUNDWATER READINGS</b>				
CASING: <u>na</u>	DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
CASING SIZE: <u>N/A</u> Method <u>Direct Push</u>			~ 5'		

DEPTH (feet)	CASING (lb/ft)	SAMPLE				PID (ppm)	SAMPLE DESCRIPTION Burmister Classification	NOTES	STRATUM DESCRIPTION
		No.	PEN/REC (in)	DEPTH (ft)	BLOWS/6"				
5		S1	60/38	0-5	<0.1	0-4" Asphalt 4-19" fill (traces of coal ash) 19-31" dark brown m Sand 31-38" brown m Sand	1	FILL SAND	
							2		
		S2	60/43	5-10	<0.1	0-20" brown orange m-c Sand 20-43" gray-brown m-c Sand, some Gravel		SAND	
10		S3	60/36	10-15	NA	0-36" brown gray m-c Sand, t of Gravel		SAND	
		S4	60/58	15-20	NA	0-34" gray m-c Sand, some Gravel 34-58" gray Clay (high plasticity)		SAND CLAY	
15									
20									
25									
30									
35									

GRANULAR SOILS		COHESIVE SOILS		REMARKS:
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY	
0-4	V. LOOSE	0-2	V. SOFT	(1) Sample from 1-4 ft. for Disposal and VOCs (2) Sample from 4-5 ft.(Water Table) for composite C3
4-10	LOOSE	2-4	SOFT	
10-30	M. DENSE	4-8	M. STIFF	
30-50	DENSE	8-15	STIFF	
> 50	V. DENSE	15-30	V. STIFF	
		> 30	HARD	

NOTES: 1) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.  
 2) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG.  
 FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. WSE-1

# Weston & Sampson

PROJECT  
REVERE Brownfield  
Parcel H

REPORT OF BORING No. WSE-2  
SHEET 1 OF 1  
Project No. 2090037  
CHKD BY \_\_\_\_\_

BORING Co. New England Geotech BORING LOCATION See attached plan  
FOREMAN \_\_\_\_\_ GROUND SURFACE ELEV. unknown DATUM \_\_\_\_\_  
WSE GEOLOGIST: SQ DATE START 12/3/09 DATE END 12/3/09

SAMPLER: Geoprobe 6620 DT  
CASING: na  
CASING SIZE: N/A Method Direct Push

GROUNDWATER READINGS				
DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
		~ 5'		

DEPTH (feet)	CASING (lb/ft)	SAMPLE				PID (ppm)	SAMPLE DESCRIPTION Burmister Classification	NOTES	STRATUM DESCRIPTION
		No.	PEN/REC (in)	DEPTH (ft)	BLOWS/6"				
5		S1	60/41	0-5		<0.1	0-5" Asphalt 5-18" dark brown f Sand with f Gravel 18-36" m Sand, trace Gravel 36-41" c Sand and f Gravel	1	FILL -SAND
								2	
10		S2	60/41	5-10		<0.1	0-41" brown m-c Sand		SAND
15		S3	60/55	10-15		NA	0-55" gray m-c Sand, t of Gravel		SAND
20		S4	60/58	15-20		NA	0-30" gray m-c Sand, t of Gravel 30-58" gray Clay (high plasticity)		SAND CLAY
25									EOB @ 20 ft.
30									
35									

GRANULAR SOILS		COHESIVE SOILS		REMARKS:
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY	
0-4	V. LOOSE	0-2	V. SOFT	(1) Sample from 2-4 ft. for Disposal and VOCs (2) Sample from 4-5 ft. (Water Table) for composite C2
4-10	LOOSE	2-4	SOFT	
10-30	M. DENSE	4-8	M. STIFF	
30-50	DENSE	8-15	STIFF	
> 50	V. DENSE	15-30	V. STIFF	
		> 30	HARD	

NOTES: 1) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.  
2) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG. FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. WSE-2



# Weston & Sampson

PROJECT  
REVERE Brownfield  
Parcel H

REPORT OF BORING No. WSE-3  
SHEET 1 OF 1  
Project No. 2090037  
CHKD BY \_\_\_\_\_

BORING Co. New England Geotech BORING LOCATION See attached plan  
FOREMAN \_\_\_\_\_ GROUND SURFACE ELEV. unknown DATUM \_\_\_\_\_  
WSE GEOLOGIST: SQ DATE START 12/3/09 DATE END 12/3/09

SAMPLER: Geoprobe 6620 DT  
CASING: na  
CASING SIZE: N/A Method Direct Push

GROUNDWATER READINGS				
DATE	TIME	WATER AT	CASING AT	STABILIZATION TIME
		~ 5'		

DEPTH (feet)	CASING (lb/ft)	SAMPLE				PID (ppm)	SAMPLE DESCRIPTION Burmister Classification	NOTES	STRATUM DESCRIPTION
		No.	PEN/REC (in)	DEPTH (ft)	BLOWS/6"				
5		S1	60/43	0-5		<0.1	0-10" Asphalt 10-23" Stabilizer (coarse Gravel) 23-30" dark brown Silt and f Sand 30-43" light brown m-c Sand	1	FILL Material Glass, Ash, plastic frag. metal
10		S2	60/53	5-10		<0.1	0-20" brown Sand , some fine Gravel 20-53" f Sand, t of Silt	2	SAND
15									
20									
25									
30									
35									

GRANULAR SOILS		COHESIVE SOILS		REMARKS:
BLOWS/FT	DENSITY	BLOWS/FT	DENSITY	
0-4	V. LOOSE	0-2	V. SOFT	(1) Sample from 0-5 ft. and 2 ft. for Disposal and VOCs (2) Sample from 5-10 ft. for Composite C1
4-10	LOOSE	2-4	SOFT	
10-30	M. DENSE	4-8	M. STIFF	
30-50	DENSE	8-15	STIFF	
> 50	V. DENSE	15-30	V. STIFF	
		> 30	HARD	

NOTES: 1) THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.  
2) WATER LEVEL READINGS HAVE BEEN MADE IN THE DRILL HOLES AT TIMES AND UNDER CONDITIONS STATED ON THIS BORING LOG.  
FLUCTUATIONS IN THE LEVEL OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS ARE MADE.

BORING No. WSE-3

## GROUNDWATER MONITORING WELL INSTALLATION REPORT

PROJECT NAME/NO.	Revere Brownfields		<b>MONITORING WELL NO.</b>
LOCATION	Parcel H		<b>WSE-1</b>
CLIENT	City of Revere		ELEVATION
CONTRACTOR	New England Geotech	DRILLER	TOP OF PVC
OBSERVED BY	SQ	DATE	12/3/09
CHECKED BY		DATE	
			DEPTH TO GROUNDWATER FROM TOP OF PVC

GROUND ELEVATION		<-----	FLUSH-MOUNTED ROADBOX		(GROUND SURFACE)
GENERAL SOIL CONDITIONS (NOT TO SCALE)		<-----	THICKNESS OF SURFACE SEAL(S)	0.00	
		<-----	TYPE OF SURFACE SEAL(S)	Concrete	
		<-----	TYPE OF SURFACE CASING	Cast Iron/Steel	
		<-----	ID OF SURFACE CASING	3"	
		<-----	DEPTH BOTTOM OF CASING	6"	
		<-----	ID OF RISER PIPE	2"	
		<-----	TYPE OF RISER PIPE	Schedule 40 PVC	
		<-----	TYPE OF BACKFILL AROUND RISER PIPE	#2 Sand	
		<-----	DEPTH TOP OF SEAL	1.5 ft	
		<-----	TYPE OF SEAL	Bentonite	
		<-----	DEPTH BOTTOM OF SEAL/TOP OF SAND COLUMN	2 ft	
		<-----	DEPTH TOP OF SCREEN	3 ft	
		<-----	TYPE OF SCREEN	Schedule 40 PVC	
		<-----	SIZE OPENINGS	0.010"	
		<-----	ID OF SCREEN	2"	
		<-----	TYPE OF BACKFILL AROUND SCREEN	#2 Sand	
		<-----	DEPTH BOTTOM OF SCREEN	17.50	
		<-----	DEPTH BOTTOM OF SAND COLUMN	18.00	
		<-----	TYPE OF BACKFILL BELOW SCREEN	na	
		<-----	DIAMETER OF BOREHOLE	3.5"	
		<-----	DEPTH BOTTOM OF BOREHOLE	18.00	

NOTES:	<b>MONITORING WELL NO.</b> <b>WSE-1</b> <b>WESTON &amp; SAMPSON</b> <b>ENGINEERS, INC.</b>
--------	---

## GROUNDWATER MONITORING WELL INSTALLATION REPORT

PROJECT NAME/NO.	Revere Brownfields		<b>MONITORING WELL NO.</b>
LOCATION	Parcel H		<b>WSE-2</b>
CLIENT	City of Revere		ELEVATION
CONTRACTOR	New England Geotech	DRILLER	TOP OF PVC
OBSERVED BY	SQ	DATE	12/3/09
CHECKED BY		DATE	
			DEPTH TO GROUNDWATER FROM TOP OF PVC

GROUND ELEVATION		←----- FLUSH-MOUNTED ROADBOX		(GROUND SURFACE)	
GENERAL SOIL CONDITIONS (NOT TO SCALE)			THICKNESS OF SURFACE SEAL(S)	0.00	
		←-----		TYPE OF SURFACE SEAL(S)	Concrete
				TYPE OF SURFACE CASING	Cast Iron/Steel
		←-----		ID OF SURFACE CASING	3"
		←-----		DEPTH BOTTOM OF CASING	6"
				ID OF RISER PIPE	2"
		←-----		TYPE OF RISER PIPE	Schedule 40 PVC
		←-----		TYPE OF BACKFILL AROUND RISER PIPE	#2 Sand
				DEPTH TOP OF SEAL	1.5 ft
		←-----		TYPE OF SEAL	Bentinite
				DEPTH BOTTOM OF SEAL/TOP OF SAND COLUMN	2 ft
		←-----		DEPTH TOP OF SCREEN	3 ft
				TYPE OF SCREEN	Schedule 40 PVC
		←-----		SIZE OPENINGS	0.010"
				ID OF SCREEN	2"
		←-----		TYPE OF BACKFILL AROUND SCREEN	#2 Sand
		←-----		DEPTH BOTTOM OF SCREEN	18.50
		←-----		DEPTH BOTTOM OF SAND COLUMN	19.00
	←-----		TYPE OF BACKFILL BELOW SCREEN	na	
	←-----		DIAMETER OF BOREHOLE	3.5"	
	←-----		DEPTH BOTTOM OF BOREHOLE	19.00	

NOTES:	<b>MONITORING WELL NO.</b> <b>WSE-2</b> <b>WESTON &amp; SAMPSON</b> <b>ENGINEERS, INC.</b>
--------	---

## GROUNDWATER MONITORING WELL INSTALLATION REPORT

PROJECT NAME/NO.	Revere Brownfields		<b>MONITORING WELL NO.</b>
LOCATION	Parcel H		<b>WSE-3</b>
CLIENT	City of Revere		ELEVATION
CONTRACTOR	New England Geotech	DRILLER	TOP OF PVC
OBSERVED BY	SQ	DATE	12/3/09
CHECKED BY		DATE	
			DEPTH TO GROUNDWATER FROM TOP OF PVC

GROUND ELEVATION		←-----	FLUSH-MOUNTED ROADBOX		(GROUND SURFACE)
GENERAL SOIL CONDITIONS (NOT TO SCALE)			THICKNESS OF SURFACE SEAL(S)	0.00	
		←-----	TYPE OF SURFACE SEAL(S)	Concrete	
			TYPE OF SURFACE CASING	Cast Iron/Steel	
		←-----	ID OF SURFACE CASING	3"	
		←-----	DEPTH BOTTOM OF CASING	6"	
			ID OF RISER PIPE	2"	
		←-----	TYPE OF RISER PIPE	Schedule 40 PVC	
		←-----	TYPE OF BACKFILL AROUND RISER PIPE	#2 Sand	
			DEPTH TOP OF SEAL	1.5 ft	
		←-----	TYPE OF SEAL	Bentonite	
			DEPTH BOTTOM OF SEAL/TOP OF SAND COLUMN	2 ft	
		←-----	DEPTH TOP OF SCREEN	3 ft	
			TYPE OF SCREEN	Schedule 40 PVC	
		←-----	SIZE OPENINGS	0.010"	
			ID OF SCREEN	2"	
		←-----	TYPE OF BACKFILL AROUND SCREEN	#2 Sand	
		←-----	DEPTH BOTTOM OF SCREEN	19 ft	
		←-----	DEPTH BOTTOM OF SAND COLUMN	19.5 ft	
		←-----	TYPE OF BACKFILL BELOW SCREEN	na	
		←-----	DIAMETER OF BOREHOLE	3.5"	
		←-----	DEPTH BOTTOM OF BOREHOLE	19.5 ft	

NOTES:	<b>MONITORING WELL NO.</b> <b>WSE-3</b>
	<b>WESTON &amp; SAMPSON</b> <b>ENGINEERS, INC.</b>

**APPENDIX C**

Well Field Sampling Reports

## Well Purging/Groundwater Sampling Report

Project Name: Breve Parcel H Project #: 2090037 Date: 12/16/09  
 Well ID: W5E-1 Well Diameter (in) 2" Casing Type: PVC  
 Depth to Water: 4.69 Total Depth: 17.51 Screen Length: 12.82  
 Sampling Method: low flow peristaltic pump  
 Tube Intake Set at: 11.1 Depth to Water with Tube: 4.69 Sampled By: SQ  
 Tube Diameter: 1/4" OD Notes: \_\_\_\_\_

	mL/min	Ft.	NTU's	mV	°C		mg/L	Units	
Time	Flow	DTW	Turb	ORP	Temp	SpC	DO	PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
1140		4.74							
1141									
1142		4.74							
1143		4.74							
1144		4.74							
1145		4.74							
1146		4.74							
1147		4.74							
1149	200	4.78							How stable @ 200 ml/min
1150	"	4.77	95.7	-118	12.37	10.34	0.16	6.67	
1151	"	4.72	94.0	-119	12.37	10.31	0.15	6.68	
1154	"	"	70.8	-127	12.31	10.29	0.13	6.66	
1157	"	"	63.3	-130	12.41	10.33	0.12	6.67	
1202	"	"	53.6	-135	12.48	10.32	0.11	6.68	
1203	"	"	47.5	-143	12.51	10.50	0.11	6.66	
1206	"	"	44.5	-144	12.41	10.34	0.10	6.66	
1209	"	"	35.5	-144	12.42	10.63	0.09	6.64	
1212	"	"	32.3	-146	12.63	10.56	0.09	6.66	
1215			28.0	-147	12.38	10.60	0.09	6.66	
1218			24.8	-148	12.61	10.74	0.09	6.65	
Sample(s) Collected					Time			Preservative	

# Well Purging/Groundwater Sampling Report

Project Name: Rose Pond H Project #: 2020037 Date: 12/16/09  
 Well ID: WSE-1 Well Diameter (in) 2" Casing Type: PVC  
 Depth to Water: 4.69 Total Depth: 17.51 Screen Length: 12.82  
 Sampling Method: low flow peristaltic pump  
 Tube Intake Set at: 11.1 Depth to Water with Tube: 4.69 Sampled By: SG  
 Tube Diameter: 1/4" OD Notes: \_\_\_\_\_

	mL/min	Ft.	NTU's	mV	°C		mg/L	Units	
Time	Flow	DTW	Turb	ORP	Temp	SpC	DO	PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
1221	200	4.72	22.7 <sup>v</sup>	-150 <sup>v</sup>	12.22 <sup>v</sup>	10.53 <sup>v</sup>	0.08 <sup>v</sup>	6.66 <sup>v</sup>	
1224	4	"	20.5 <sup>v</sup>	-152 <sup>v</sup>	12.34 <sup>v</sup>	10.62 <sup>v</sup>	0.08 <sup>v</sup>	6.65 <sup>v</sup>	
1227	4	"	21.0 <sup>v</sup>	-152 <sup>v</sup>	12.5 <sup>v</sup>	10.58 <sup>v</sup>	0.08 <sup>v</sup>	6.65 <sup>v</sup>	
1230			17.8	-153 <sup>v</sup>	12.38 <sup>v</sup>	10.62 <sup>v</sup>	0.08 <sup>v</sup>	6.64 <sup>v</sup>	
1233			17.0	-154 <sup>v</sup>	12.26 <sup>v</sup>	10.65 <sup>v</sup>	0.07 <sup>v</sup>	6.66 <sup>v</sup>	
1236			16.2 <sup>v</sup>	-156 <sup>v</sup>	12.34 <sup>v</sup>	10.64 <sup>v</sup>	0.07 <sup>v</sup>	6.67 <sup>v</sup>	
1239			15.4 <sup>v</sup>	-156 <sup>v</sup>	12.24 <sup>v</sup>	10.55 <sup>v</sup>	0.07 <sup>v</sup>	6.66 <sup>v</sup>	
1242			13.7 <sup>v</sup>	-156 <sup>v</sup>	12.28 <sup>v</sup>	10.67 <sup>v</sup>	0.07 <sup>v</sup>	6.65 <sup>v</sup>	
1245			13.5 <sup>v</sup>	-158 <sup>v</sup>	12.30 <sup>v</sup>	10.63 <sup>v</sup>	0.08 <sup>v</sup>	6.66 <sup>v</sup>	
1248			11.7	-158	12.45 <sup>v</sup>	10.61 <sup>v</sup>	0.08 <sup>v</sup>	6.66 <sup>v</sup>	
1251			10.9	-157	12.37 <sup>v</sup>	10.40 <sup>v</sup>	0.08 <sup>v</sup>	6.62 <sup>v</sup>	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">                     STABILIZATION NOT ACHIEVED                      IN 1 Hour                      Sample                 </div>									water: sewer smell no silt light turbidity light brown ~ 10 gal
Sample(s) Collected						Time		Preservative	
WSE-1 VPH - EPH - RCRA & DSS						1257			
DWP-1 " " " "									

## Well Purging/Groundwater Sampling Report

Page 1 of 42

Project Name: Reverse Parcel H Project #: 2090037 Date: 12/16/17  
 Well ID: WSE 2 Well Diameter (in) 2" Casing Type: PVC  
 Depth to Water: 3.86 Total Depth: 17.38 Screen Length: 13.52  
 Sampling Method: low flow peristaltic pump  
 Tube Intake Set at: 10.60 Depth to Water with Tube: 3.86 Sampled By: SR  
 Tube Diameter: 1/4" OD Notes: \_\_\_\_\_

Time	mL/min Flow	Ft. DTW	NTU's Turb	mV ORP	°C Temp	mg/L SpC	mg/L DO	Units PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
149		3.86							
150		3.89							
151		3.90							
152		3.90							
153		3.90							
154		3.90							
155		3.90							
156		3.90							
157	280	3.90							flow stable @ 280 ml/min
<del>158</del>									
200			39.1	-93	12.75	5.80	0.43	6.91	
203			39.6	-92	12.81	5.92	0.30	6.88	
206			32.6	-91	12.82	6.15	0.31	6.87	
209			29.4	-89	12.87	6.22	0.29	6.86	
212			26.1	-86	12.79	6.20	0.32	6.84	
215			25.6	-85	13.02	6.21	0.30	6.84	
218			23.5	-84	12.94	6.29	0.33	6.84	
221			22.7	-83	12.97	6.20	0.33	6.83	
224			21.5	-81	12.94	6.23	0.33	6.83	
227			21.2	-80	12.77	6.21	0.35	6.82	
Sample(s) Collected					Time			Preservative	





# Well Purging/Groundwater Sampling Report

Project Name: Reverse Permitt Project #: 2000037 Date: 12/16/1977  
 Well ID: WSE-3 Well Diameter (in) 2" Casing Type: PVC  
 Depth to Water: 3.78 Total Depth: 18.7 Screen Length: ~15  
 Sampling Method: low flow peristaltic pump  
 Tube Intake Set at: 12.7 Depth to Water with Tube: 3.77 Sampled By: SQ  
 Tube Diameter: 1/4" OD Notes: \_\_\_\_\_

	mL/min	Ft.	NTU's	mV	°C		mg/L	Units	
Time	Flow	DTW	Turb	ORP	Temp	SpC	DO	PH	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1	
10.03	250	3.81							water is:
10.04	↓	3.82							light brown
10.05	↓	3.83							no smell
10.06	230	3.83							no sheen
10.07	230	3.82							with turbidity
10.08	230	3.83							~10 gal
10.09	230	3.82							
10.10	230	3.83							
10.11	230	3.84							
11.12	230	3.84							
11.13	230	3.83							
<div style="border: 1px solid black; padding: 5px; display: inline-block; transform: rotate(-15deg);">                     Flow ADJUSTED                      @ 230 ml/min                 </div>									
10.15	230	3.83	59.3	42	12.91	5.24	0.44	6.44	
10.18	↓	"	43.4	29	12.70	5.32	0.36	6.45	
10.21		"	31.0	15	12.71	5.41	0.29	6.45	
10.24		"	23.7	9	12.73	5.38	0.26	6.45	
10.27		"	19.1	1	12.87	5.49	0.24	6.45	
10.30		"	15.2	-4	12.73 <sup>v</sup>	5.48 <sup>v</sup>	0.23 <sup>v</sup>	6.45 <sup>v</sup>	
10.33		3.83	13.1	-10 <sup>v</sup>	12.82 <sup>v</sup>	5.57 <sup>v</sup>	0.21 <sup>v</sup>	6.46 <sup>v</sup>	
10.36		"	11.2 <sup>v</sup>	-13 <sup>v</sup>	12.83 <sup>v</sup>	5.47 <sup>v</sup>	0.21 <sup>v</sup>	6.47 <sup>v</sup>	
Sample(s) Collected						Time		Preservative	

## Well Purging/Groundwater Sampling Report

Project Name: Dewie Pond #1 Project #: 2090037 Date: 12/16/09  
 Well ID: WSE-3 Well Diameter (in) 2" Casing Type: PVC  
 Depth to Water: 3.78 Total Depth: 18.7 Screen Length: ~15  
 Sampling Method: low flow peristaltic pump  
 Tube Intake Set at: 12.7 Depth to Water with Tube: 3.77 Sampled By: SS  
 Tube Diameter: 1/4" OD Notes: \_\_\_\_\_

Time	mL/min	Ft.	NTU's	mV	°C	mg/L	Units	Comments
Min	ml/min	+/- 0.02	+/- 10%	+/- 10	+/- 3%	+/- 3%	+/- 10%	+/- 0.1
10.39	230	3.83	9.1	-16	12.74	5.57	0.21	6.46
10.41	"	"	8.3	-17	12.71	5.65	0.21	6.44
10.44	"	"	7.2	-20	12.76	5.45	0.20	6.46
10.47	"	"	6.2	-21	12.65	5.55	0.19	6.47
10.50	"	"	6.1	-24	12.83	5.50	0.18	6.45
10.53	"	"	5.8	-24	12.81	5.68	0.19	6.45
10.56	"	3.82	5.2	-24	12.95	5.68	0.19	6.45
10.59	"	"	5.0	-25	12.72	5.72	0.19	6.47
11.01			4.6	-25	12.68	5.79	0.18	6.45
11.04	"	"	4.5	-26	12.63	5.70	0.18	6.45
After one hour parameters are not stabilized proceed to sample for VPH, EPA and RCRA-8 dissolved								
Sample(s) Collected						Time		Preservative
WSE 3 VPH EPA RCRA8 Met diss						1105		

**APPENDIX D**

Project Area Groundwater Elevation Survey Data Table and Project Area Groundwater Elevation  
Contour Map

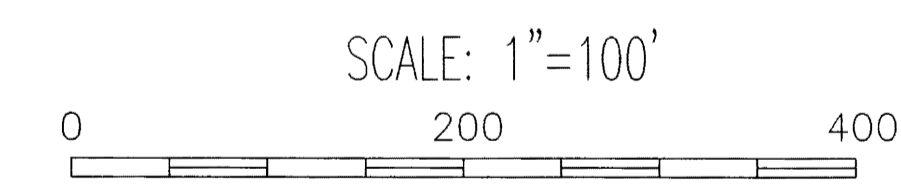
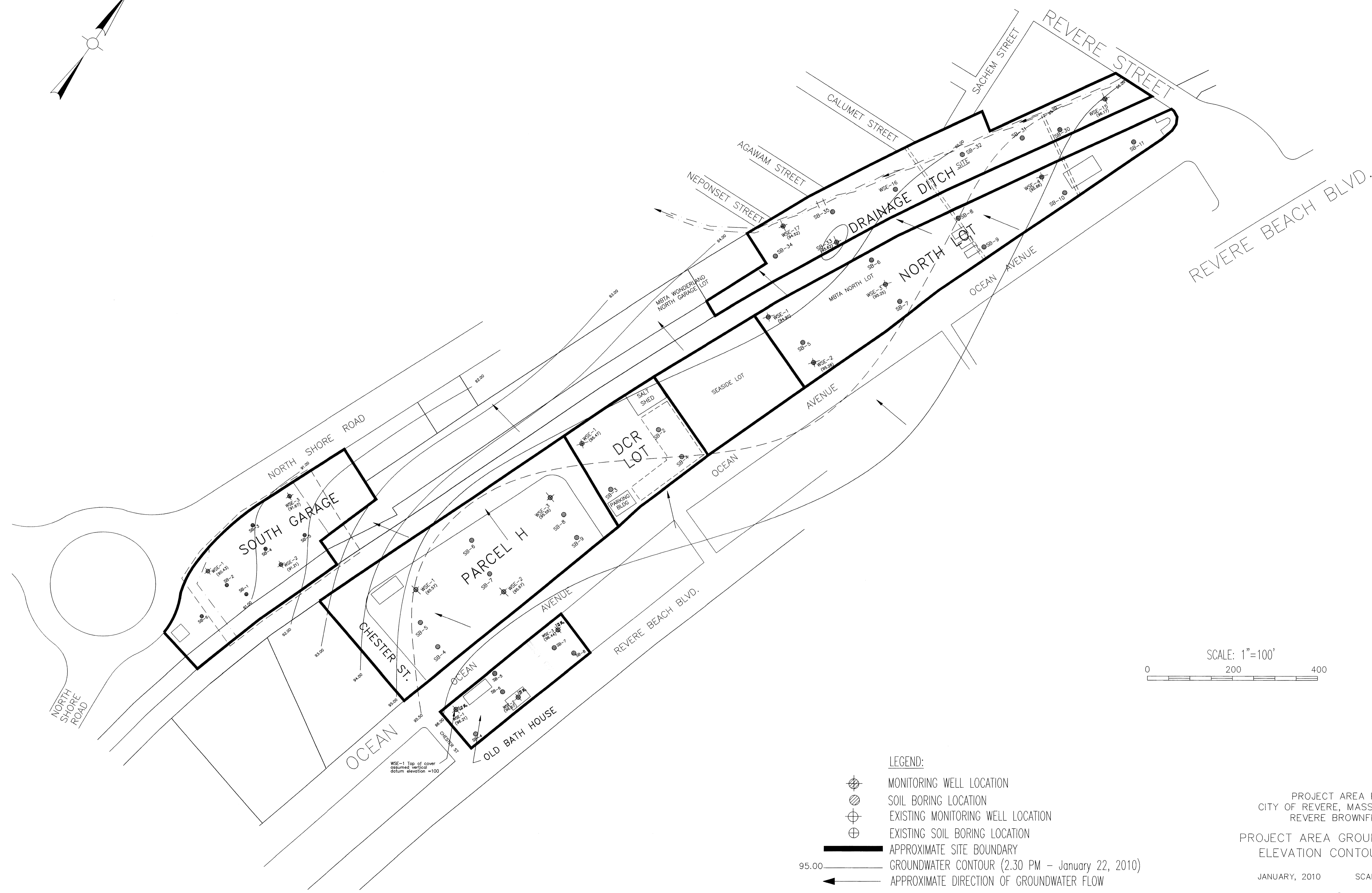
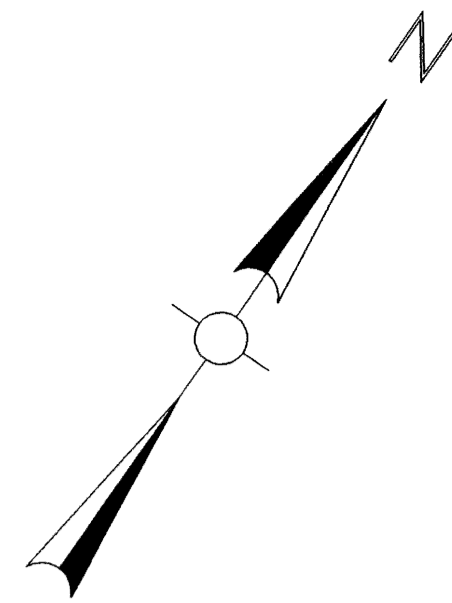
**Table 5**  
**Project Area Groundwater Elevation Survey Data**  
**Revere Brownfields**  
**Revere, Massachusetts**

<b>Parcel</b>	<b>Monitoring Well</b>	<b>Well Depth (feet)</b>	<b>Top of Well Elevation (feet)*</b>	<b>Depth to Water (feet)</b>	<b>Groundwater Elevation (feet)</b>
<b>NORTH LOT</b>	WSE-1	18.91	99.90	5.00	94.90
	WSE-2	14.88	99.59	4.31	95.28
	WSE-3	13.78	98.75	3.50	95.25
	WSE-4	8.82	98.98	3.12	95.86
<b>OLD BATH HOUSE</b>	WSE-1	19.31	99.76	3.55	96.21
	WSE-2	19.07	100.27	3.60	96.67
	WSE-3	19.60	100.33	3.89	96.44
<b>PARCEL H</b>	WSE-1	17.51	100.50	4.93	95.57
	WSE-2	17.38	99.71	4.04	95.67
	WSE-3	18.70	99.43	3.88	95.55
<b>SOUTH GARAGE</b>	WSE-1	18.95	96.37	5.94	90.43
	WSE-2	13.50	96.33	5.12	91.21
	WSE-3	12.98	96.41	4.74	91.67
<b>DCR Lot</b>	WSE-1	18.41	100.17	4.70	95.47
<b>DRAINAGE DITCH</b>	SB-33	11.57	99.11	3.49	95.62
	WSE-15	11.89	101.47	5.3	96.17
	WSE-17	11.85	96.67	2.15	94.52

O:\Revere MA\Brownfields Project\PHASE II ESAs\Phase II Parcel H\Project Area GW Elev Data Table.xls\Relative elevation

\* Elevations in feet relative arbitrary vertical datum.

The groundwater depths were measured relative to the top of the well PVC riser and were measured on January 22, 2010.



- LEGEND:**
- MONITORING WELL LOCATION
  - SOIL BORING LOCATION
  - EXISTING MONITORING WELL LOCATION
  - EXISTING SOIL BORING LOCATION
  - APPROXIMATE SITE BOUNDARY
  - GROUNDWATER CONTOUR (2.30 PM - January 22, 2010)
  - APPROXIMATE DIRECTION OF GROUNDWATER FLOW

PROJECT AREA PLAN  
 CITY OF REVERE, MASSACHUSETTS  
 REVERE BROWNFIELDS

PROJECT AREA GROUNDWATER  
 ELEVATION CONTOUR MAP

JANUARY, 2010      SCALE: 1" = 100'



D:\Revere MA\Brownfields Project\PHASE II ESA\PHASE II ESA - Fig. 2 - CW Map.dwg

**APPENDIX E**

**Soil Analytical Results**







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39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

December 11, 2009

Sam Quattrini  
Weston & Sampson Engineers MA  
5 Centennial Drive  
Peabody, MA 01960

Project Location: Revere Parcel H  
Client Job Number:  
Project Number: 2090037  
Laboratory Work Order Number: 09L0183

Enclosed are results of analyses for samples received by the laboratory on December 4, 2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley  
Project Manager



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Weston & Sampson Engineers MA  
 5 Centennial Drive  
 Peabody, MA 01960  
 ATTN: Sam Quattrini

REPORT DATE: 12/11/2009

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2090037

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 09L0183

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Revere Parcel H

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WSE1 0-5	09L0183-01	Soil		MADEP-EPH-04-1.1	
				SM 2540G	
				SM18-20 2510B	
				SW-846 1030	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045D	
				SB5 1-3	09L0183-02
SM18-20 2510B					
SW-846 1030					
SW-846 6010B					
SW-846 7471A					
SW-846 8015B					
SW-846 8082					
SW-846 8100 Modified					
SW-846 8260B					
SW-846 8270C					
SW-846 9014					
SW-846 9030A					
SW-846 9045D					
SB5 3-4	09L0183-03	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1030	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8015B	
				SW-846 8082	
				SW-846 8100 Modified	
				SW-846 8260B	
				SW-846 8270C	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045D	



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Weston & Sampson Engineers MA  
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REPORT DATE: 12/11/2009

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2090037

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 09L0183

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Revere Parcel H

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB				
SB4 2-4	09L0183-04	Soil		SM 2540G					
				SM18-20 2510B					
				SW-846 1030					
				SW-846 6010B					
				SW-846 7471A					
				SW-846 8015B					
				SW-846 8082					
				SW-846 8100 Modified					
				SW-846 8260B					
				SW-846 8270C					
				SW-846 9014					
				SW-846 9030A					
				SW-846 9045D					
				C3 5-10	09L0183-05	Soil		SM 2540G	
SM18-20 2510B									
SW-846 1030									
SW-846 6010B									
SW-846 7471A									
SW-846 8015B									
SW-846 8082									
SW-846 8100 Modified									
SW-846 8270C									
SW-846 9014									
SW-846 9030A									
SW-846 9045D									
Trip Blank	09L0183-06	Trip Blank Soil						SM 2540G	
								SW-846 8260B	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

In method 6010, only RCRA 8 metals were requested and reported.



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SW-846 6010B

**Qualifications:**

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Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).

**Analyte & Samples(s) Qualified:**

**Cadmium**

B008114-DUP1

SW-846 8015B

**Qualifications:**

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Sample contamination consists of heavy residual hydrocarbons similar to asphalt.

**Analyte & Samples(s) Qualified:**

**Unknown Hydrocarbons (C9-C36)**

09L0183-02[SB5 1-3]

SW-846 8260B

**Qualifications:**

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Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

**Analyte & Samples(s) Qualified:**

**Diisopropyl Ether (DIPE), tert-Butyl Ethyl Ether (TBEE), trans-1,3-Dichloropropene**

B008106-BS1, B008106-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

**Analyte & Samples(s) Qualified:**

**2-Hexanone (MBK), 4-Methyl-2-pentanone (MIBK), Methylene Chloride**

B008106-BS1, B008106-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:**

**Dichlorodifluoromethane (Freon 12)**

09L0183-01[WSE1 0-5], 09L0183-02[SB5 1-3], 09L0183-03[SB5 3-4], 09L0183-04[SB4 2-4], 09L0183-06[Trip Blank], B008106-BLK1, B008106-BS1, B008106-BSD1

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the high side.

**Analyte & Samples(s) Qualified:**

**2-Hexanone (MBK), 4-Methyl-2-pentanone (MIBK), Methylene Chloride**

B008106-BS1, B008106-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

**Analyte & Samples(s) Qualified:**

**1,4-Dioxane, Tetrahydrofuran**

09L0183-01[WSE1 0-5], 09L0183-02[SB5 1-3], 09L0183-03[SB5 3-4], 09L0183-04[SB4 2-4], 09L0183-06[Trip Blank], B008106-BLK1, B008106-BS1, B008106-BSD1

SW-846 8270C

**Qualifications:**

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

**Analyte & Samples(s) Qualified:**

**2,4,6-Tribromophenol**

09L0183-02[SB5 1-3]

Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.

**Analyte & Samples(s) Qualified:**

**2,4-Dinitrophenol, 4-Nitrophenol**

B008182-BLK1, B008182-BS1, B008182-BSD1, 09L0183-01[WSE1 0-5], 09L0183-02[SB5 1-3], 09L0183-03[SB5 3-4], 09L0183-04[SB4 2-4], 09L0183-05[C3 5-10]

**MADEP-EPH-04-1.1**

SPE cartridge contamination with non-petroleum compounds, if present, is verified by GC/MS in each method blank per extraction batch and excluded from C11-C22 aromatic range fraction in all samples in the batch. No significant modifications were made to the method.

**SW-846 8260B**

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for "difficult analytes" where recovery control limits somewhere between 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, tert-butyl alcohol, acetone, 1,4-dioxane, vinyl chloride, chloromethane, dichlorodifluoromethane, 2-hexanone, naphthalene, acrylonitrile, 1,2,3-trichloropropane, methylene chloride, n-butylbenzene, and tert-butylbenzene, bromomethane

Duplicate laboratory fortified blank RPDs were all within control limits specified by the method except for "difficult analytes" where RPDs of 50% are used and/or unless otherwise listed in this narrative. Difficult analyte: 1,4-dioxane

**SW-846 8270C**

Laboratory control sample recoveries for required MCP Data Enhancement 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for "difficult analytes" listed below and/or otherwise listed in this narrative. Difficult analytes for soil LCS - limits between 10 and 180% depending on the compound(see QC summary report for limits): 3,3'-dichlorobenzidine, aniline, 2,4-dinitrophenol, and 4-chloroaniline.

Duplicate laboratory fortified blank RPDs were all less than or equal to 20% for water or 30% for soil except for "difficult analytes" where RPDs of 50% are used and/or otherwise listed below or elsewhere in this narrative. Difficult analytes for soil RPDs: 3,3'-dichlorobenzidine, 4-nitrophenol, and aniline.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian  
Laboratory Manager



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: WSE1 0-5

Sampled: 12/3/2009 15:30

Sample ID: 09L0183-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Benzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Bromobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Bromochloromethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Bromodichloromethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Bromoform	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Bromomethane	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
2-Butanone (MEK)	ND	0.020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
n-Butylbenzene	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
sec-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
tert-Butylbenzene	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Carbon Disulfide	ND	0.0031	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Carbon Tetrachloride	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Chlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Chlorodibromomethane	ND	0.00051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Chloroethane	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Chloroform	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Chloromethane	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
2-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
4-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,2-Dibromoethane (EDB)	ND	0.00051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Dibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,2-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,3-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,4-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg dry	1	V-05	SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,1-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,2-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,1-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
cis-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
trans-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,3-Dichloropropane	ND	0.00051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
2,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,1-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
cis-1,3-Dichloropropene	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
trans-1,3-Dichloropropene	ND	0.00051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Diethyl Ether	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Diisopropyl Ether (DIPE)	ND	0.00051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,4-Dioxane	ND	0.051	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Ethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: WSE1 0-5

Sampled: 12/3/2009 15:30

Sample ID: 09L0183-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
2-Hexanone (MBK)	ND	0.051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Isopropylbenzene (Cumene)	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Methylene Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Naphthalene	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
n-Propylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Styrene	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,1,2,2-Tetrachloroethane	ND	0.00051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Tetrachloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Tetrahydrofuran	ND	0.0051	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Toluene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,2,3-Trichlorobenzene	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,2,4-Trichlorobenzene	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,1,1-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,1,2-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Trichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,2,3-Trichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,2,4-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
1,3,5-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
Vinyl Chloride	ND	0.0051	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
m+p Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF
o-Xylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 10:54	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	101	70-130	
Toluene-d8	96.1	70-130	
4-Bromofluorobenzene	98.2	70-130	





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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: WSE1 0-5

Sampled: 12/3/2009 15:30

Sample ID: 09L0183-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Accenaphthene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Acenaphthylene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Acetophenone	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Aniline	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Anthracene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Benzo(a)anthracene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Benzo(a)pyrene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Benzo(b)fluoranthene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Benzo(g,h,i)perylene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Benzo(k)fluoranthene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Bis(2-chloroethoxy)methane	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Bis(2-chloroethyl)ether	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Bis(2-chloroisopropyl)ether	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
4-Bromophenylphenylether	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Butylbenzylphthalate	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
4-Chloroaniline	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
2-Chloronaphthalene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
2-Chlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Chrysene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Dibenz(a,h)anthracene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Dibenzofuran	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Di-n-butylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
1,2-Dichlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
1,3-Dichlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
1,4-Dichlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
3,3-Dichlorobenzidine	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
2,4-Dichlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Diethylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
2,4-Dimethylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Dimethylphthalate	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
2,4-Dinitrophenol	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
2,4-Dinitrotoluene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
2,6-Dinitrotoluene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Di-n-octylphthalate	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Fluoranthene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Fluorene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Hexachlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Hexachlorobutadiene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Hexachloroethane	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Indeno(1,2,3-cd)pyrene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Isophorone	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
2-Methylnaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: WSE1 0-5

Sampled: 12/3/2009 15:30

Sample ID: 09L0183-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
3/4-Methylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Naphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Nitrobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
2-Nitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
4-Nitrophenol	ND	1.4	mg/Kg dry	1	V-19	SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Pentachlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Phenanthrene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Phenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
Pyrene	0.46	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
1,2,4-Trichlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
2,4,5-Trichlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL
2,4,6-Trichlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:46	BGL

Surrogates	% Recovery	Recovery Limits	Flag
2-Fluorophenol	75.4	30-130	
Phenol-d6	75.5	30-130	
Nitrobenzene-d5	71.4	30-130	
2-Fluorobiphenyl	62.7	30-130	
2,4,6-Tribromophenol	87.5	30-130	
Terphenyl-d14	95.1	30-130	



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-8405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: WSE1 0-5

Sampled: 12/3/2009 15:30

Sample ID: 09L0183-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	0.18	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:02	JB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:02	JB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:02	JB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:02	JB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:02	JB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:02	JB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:02	JB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:02	JB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:02	JB

Surrogates	% Recovery	Recovery Limits	Flag
Decachlorobiphenyl [1]	79.3	30-150	
Decachlorobiphenyl [2]	73.5	30-150	
Tetrachloro-m-xylene [1]	82.9	30-150	
Tetrachloro-m-xylene [2]	83.8	30-150	



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-8405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: WSE1 0-5

Sampled: 12/3/2009 15:30

Sample ID: 09L0183-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
C19-C36 Aliphatics	21	11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Unadjusted C11-C22 Aromatics	26	11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
C11-C22 Aromatics	20	11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Acenaphthene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Acenaphthylene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Anthracene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Benzo(a)anthracene	0.46	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Benzo(a)pyrene	0.55	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Benzo(b)fluoranthene	0.86	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Benzo(g,h,i)perylene	0.44	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Benzo(k)fluoranthene	0.30	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Chrysene	0.66	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Dibenz(a,h)anthracene	0.13	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Fluoranthene	0.99	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Fluorene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Indeno(1,2,3-cd)pyrene	0.49	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
2-Methylnaphthalene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Naphthalene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Phenanthrene	0.49	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM
Pyrene	1.1	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 15:04	CJM

Surrogates	% Recovery	Recovery Limits	Flag	Date/Time Analyzed
Chlorooctadecane (COD)	76.6	40-140		12/10/09 15:04
o-Terphenyl (OTP)	79.9	40-140		12/10/09 15:04
2-Bromonaphthalene	93.2	40-140		12/10/09 15:04
2-Fluorobiphenyl	98.5	40-140		12/10/09 15:04



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: WSE1 0-5

Sampled: 12/3/2009 15:30

Sample ID: 09L0183-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.5	2.7	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 16:37	OP
Barium	83	5.4	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 16:36	OP
Cadmium	0.47	0.27	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 16:37	OP
Chromium	9.3	0.54	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 16:36	OP
Lead	250	0.81	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 16:36	OP
Mercury	0.11	0.020	mg/Kg dry	1		SW-846 7471A	12/8/09	12/9/09 14:07	MPF
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 16:37	OP
Silver	ND	0.54	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 16:36	OP



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: WSE1 0-5

Sampled: 12/3/2009 15:30

Sample ID: 09L0183-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ignitability	Absent		present/absent	1		SW-846 1030	12/6/09	12/6/09 12:40	VAK
pH @20.2°C	7.4		pH Units	1		SW-846 9045D	12/7/09	12/7/09 12:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	12/7/09	12/7/09 13:45	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	12/7/09	12/7/09 13:45	LL
Specific conductance	8.9	2.0	µmhos/cm	1		SM18-20 2510B	12/7/09	12/7/09 14:30	SBP
% Solids	92.6		% Wt	1		SM 2540G	12/8/09	12/8/09 16:03	FWD



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB5 1-3

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Benzene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Bromobenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Bromochloromethane	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Bromodichloromethane	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Bromoforn	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Bromomethane	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
2-Butanone (MEK)	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
n-Butylbenzene	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
sec-Butylbenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
tert-Butylbenzene	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Carbon Disulfide	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Carbon Tetrachloride	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Chlorobenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Chlorodibromomethane	ND	0.00047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Chloroethane	ND	0.0094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Chloroform	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Chloromethane	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
2-Chlorotoluene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
4-Chlorotoluene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,2-Dibromoethane (EDB)	ND	0.00047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Dibromomethane	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,2-Dichlorobenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,3-Dichlorobenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,4-Dichlorobenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0094	mg/Kg dry	1	V-05	SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,1-Dichloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,2-Dichloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,1-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
cis-1,2-Dichloroethylene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
trans-1,2-Dichloroethylene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,2-Dichloropropane	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,3-Dichloropropane	ND	0.00047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
2,2-Dichloropropane	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,1-Dichloropropene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
cis-1,3-Dichloropropene	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
trans-1,3-Dichloropropene	ND	0.00047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Diethyl Ether	ND	0.0094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Diisopropyl Ether (DIPE)	ND	0.00047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,4-Dioxane	ND	0.047	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Ethylbenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SBS 1-3

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
2-Hexanone (MBK)	ND	0.047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Isopropylbenzene (Cumene)	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Methylene Chloride	ND	0.0094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Naphthalene	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
n-Propylbenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Styrene	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,1,1,2-Tetrachloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.00047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Tetrachloroethylene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Tetrahydrofuran	ND	0.0047	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Toluene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,2,3-Trichlorobenzene	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,2,4-Trichlorobenzene	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,1,1-Trichloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,1,2-Trichloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Trichloroethylene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,2,3-Trichloropropane	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,2,4-Trimethylbenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
1,3,5-Trimethylbenzene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
Vinyl Chloride	ND	0.0047	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
m+p Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF
o-Xylene	ND	0.00094	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:20	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	100	70-130	12/7/09 11:20
Toluene-d8	95.6	70-130	12/7/09 11:20
4-Bromofluorobenzene	95.7	70-130	12/7/09 11:20





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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB5 1-3

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Butylbenzylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
4-Chloroaniline	ND	0.71	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Dimethylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
2,4-Dinitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Di-n-octylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Fluoranthene	0.25	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB5 1-3

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
4-Nitrophenol	ND	0.71	mg/Kg dry	1	V-19	SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Pyrene	0.29	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 16:17	BGL
Surrogates	% Recovery		Recovery Limits		Flag				
2-Fluorophenol	30.8		30-130			12/10/09 16:17			
Phenol-d6	35.0		30-130			12/10/09 16:17			
Nitrobenzene-d5	32.3		30-130			12/10/09 16:17			
2-Fluorobiphenyl	30.5		30-130			12/10/09 16:17			
<b>2,4,6-Tribromophenol</b>	<b>21.6 *</b>		30-130		S-07	12/10/09 16:17			
Terphenyl-d14	35.8		30-130			12/10/09 16:17			



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SBS 1-3

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:17	JB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:17	JB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:17	JB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:17	JB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:17	JB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:17	JB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:17	JB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:17	JB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:17	JB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		74.6	30-150					12/10/09 16:17	
Dccachlorobiphenyl [2]		70.4	30-150					12/10/09 16:17	
Tetrachloro-m-xylene [1]		80.3	30-150					12/10/09 16:17	
Tetrachloro-m-xylene [2]		80.9	30-150					12/10/09 16:17	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB5 1-3

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH as Diesel	170	89	mg/Kg dry	5		SW-846 8100 Modified	12/8/09	12/10/09 8:54	CJM
Gasoline	ND	89	mg/Kg dry	5		SW-846 8015B	12/8/09	12/10/09 8:54	CJM
Kerosene/Jet Fuel	ND	89	mg/Kg dry	5		SW-846 8015B	12/8/09	12/10/09 8:54	CJM
Fuel Oil #2	ND	89	mg/Kg dry	5		SW-846 8015B	12/8/09	12/10/09 8:54	CJM
Fuel Oil #6	ND	89	mg/Kg dry	5		SW-846 8015B	12/8/09	12/10/09 8:54	CJM
Unknown Hydrocarbons (C9-C36)	170	89	mg/Kg dry	5	Z-01	SW-846 8015B	12/8/09	12/10/09 8:54	CJM
<b>Surrogates</b>		<b>% Recovery</b>	<b>Recovery Limits</b>		<b>Flag</b>				
o-Terphenyl		82.0	40-140					12/10/09 8:54	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB5 I-3

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.4	2.7	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:00	OP
Barium	220	5.3	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:00	OP
Cadmium	0.61	0.27	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:00	OP
Chromium	12	0.53	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:00	OP
Lead	400	0.80	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:00	OP
Mercury	0.19	0.023	mg/Kg dry	1		SW-846 7471A	12/8/09	12/9/09 14:09	MPF
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:00	OP
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:00	OP



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB5 1-3

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ignitability	Absent		present/absent	1		SW-846 1030	12/6/09	12/6/09 12:40	VAK
pH @20.1°C	9.4		pH Units	1		SW-846 9045D	12/7/09	12/7/09 12:00	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	12/7/09	12/7/09 13:45	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	12/7/09	12/7/09 13:45	LL
Specific conductance	37	2.0	µmhos/cm	1		SM18-20 2510B	12/7/09	12/7/09 14:30	SBP
% Solids	93.3		% Wt	1		SM 2540G	12/8/09	12/8/09 16:03	FWD



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB5 3-4

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Benzene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Bromobenzene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Bromochloromethane	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Bromodichloromethane	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Bromoform	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Bromomethane	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
2-Butanone (MEK)	ND	0.018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
n-Butylbenzene	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
sec-Butylbenzene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
tert-Butylbenzene	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Carbon Disulfide	ND	0.0028	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Carbon Tetrachloride	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Chlorobenzene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Chlorodibromomethane	ND	0.00046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Chloroethane	ND	0.0092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Chloroform	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Chloromethane	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
2-Chlorotoluene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
4-Chlorotoluene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,2-Dibromoethane (EDB)	ND	0.00046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Dibromomethane	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,2-Dichlorobenzene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,3-Dichlorobenzene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,4-Dichlorobenzene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0092	mg/Kg dry	1	V-05	SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,1-Dichloroethane	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,2-Dichloroethane	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,1-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
cis-1,2-Dichloroethylene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
trans-1,2-Dichloroethylene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,2-Dichloropropane	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,3-Dichloropropane	ND	0.00046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
2,2-Dichloropropane	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,1-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
cis-1,3-Dichloropropene	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
trans-1,3-Dichloropropene	ND	0.00046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Diethyl Ether	ND	0.0092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Diisopropyl Ether (DIPE)	ND	0.00046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,4-Dioxane	ND	0.046	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Ethylbenzene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-8405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB5 3-4

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
2-Hexanone (MBK)	ND	0.046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Isopropylbenzene (Cumene)	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Methylene Chloride	ND	0.0092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Naphthalene	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
n-Propylbenzene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Styrene	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,1,1,2-Tetrachloroethane	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.00046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Tetrachloroethylene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Tetrahydrofuran	ND	0.0046	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Toluene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,2,3-Trichlorobenzene	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,2,4-Trichlorobenzene	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,1,1-Trichloroethane	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,1,2-Trichloroethane	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Trichloroethylene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,2,3-Trichloropropane	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,2,4-Trimethylbenzene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
1,3,5-Trimethylbenzene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
Vinyl Chloride	ND	0.0046	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
m+p Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF
o-Xylene	ND	0.00092	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 11:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	101	70-130	
Toluene-d8	94.7	70-130	
4-Bromofluorobenzene	96.5	70-130	





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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SBS 3-4

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Bis(2-Ethylhexyl)phthalate	0.39	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Butylbenzylphthalate	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
4-Chloroaniline	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Dimethylphthalate	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4-Dinitrophenol	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Di-n-octylphthalate	ND	0.69	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SBS 3-4

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
4-Nitrophenol	ND	0.69	mg/Kg dry	1	V-19	SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL

Surrogates	% Recovery	Recovery Limits	Flag
2-Fluorophenol	83.5	30-130	
Phenol-d6	88.5	30-130	
Nitrobenzene-d5	66.0	30-130	
2-Fluorobiphenyl	73.0	30-130	
2,4,6-Tribromophenol	67.5	30-130	
Terphenyl-d14	87.0	30-130	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB5 3-4

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-03

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:32	JB
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:32	JB
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:32	JB
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:32	JB
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:32	JB
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:32	JB
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:32	JB
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:32	JB
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:32	JB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	77.1		30-150					12/10/09 16:32	
Decachlorobiphenyl [2]	70.5		30-150					12/10/09 16:32	
Tetrachloro-m-xylene [1]	81.3		30-150					12/10/09 16:32	
Tetrachloro-m-xylene [2]	78.3		30-150					12/10/09 16:32	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB5 3-4

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
TPH as Diesel	ND	8.7	mg/Kg dry	1		SW-846 8100 Modified	12/8/09	12/10/09 9:12	CJM
Gasoline	ND	8.7	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 9:12	CJM
Kerosene/Jet Fuel	ND	8.7	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 9:12	CJM
Fuel Oil #2	ND	8.7	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 9:12	CJM
Fuel Oil #6	ND	8.7	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 9:12	CJM
Unknown Hydrocarbons (C9-C36)	ND	8.7	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 9:12	CJM
Surrogates		% Recovery	Recovery Limits		Flag				
o-Terphenyl		68.9	40-140					12/10/09 9:12	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SBS 3-4

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:04	OP
Barium	8.3	5.2	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:04	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:04	OP
Chromium	5.0	0.52	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:04	OP
Lead	5.1	0.79	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:04	OP
Mercury	ND	0.024	mg/Kg dry	1		SW-846 7471A	12/8/09	12/9/09 14:11	MPF
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:04	OP
Silver	ND	0.52	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:04	OP



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB5 3-4

Sampled: 12/3/2009 13:45

Sample ID: 09L0183-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ignitability	Absent		present/absent	1		SW-846 1030	12/6/09	12/6/09 12:40	VAK
pH @20.2°C	7.3		pH Units	1		SW-846 9045D	12/7/09	12/7/09 12:00	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	12/7/09	12/7/09 13:45	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	12/7/09	12/7/09 13:45	LL
Specific conductance	37	2.0	µmhos/cm	1		SM18-20 2510B	12/7/09	12/7/09 14:30	SBP
% Solids	95.6		% Wt	1		SM 2540G	12/8/09	12/8/09 16:03	FWD



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB4 2-4

Sampled: 12/3/2009 13:10

Sample ID: 09L0183-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Benzene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Bromobenzene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Bromochloromethane	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Bromodichloromethane	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Bromoform	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Bromomethane	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
2-Butanone (MEK)	ND	0.018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
n-Butylbenzene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
sec-Butylbenzene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
tert-Butylbenzene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Carbon Disulfide	ND	0.0027	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Carbon Tetrachloride	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Chlorobenzene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Chlorodibromomethane	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Chloroethane	ND	0.0090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Chloroform	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Chloromethane	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
2-Chlorotoluene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
4-Chlorotoluene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,2-Dibromoethane (EDB)	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Dibromomethane	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,2-Dichlorobenzene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,3-Dichlorobenzene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,4-Dichlorobenzene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0090	mg/Kg dry	1	V-05	SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,1-Dichloroethane	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,2-Dichloroethane	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,1-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
cis-1,2-Dichloroethylene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
trans-1,2-Dichloroethylene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,2-Dichloropropane	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,3-Dichloropropane	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
2,2-Dichloropropane	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,1-Dichloropropene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
cis-1,3-Dichloropropene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
trans-1,3-Dichloropropene	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Diethyl Ether	ND	0.0090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Diisopropyl Ether (DIPE)	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,4-Dioxane	ND	0.045	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Ethylbenzene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB4 2-4

Sampled: 12/3/2009 13:10

Sample ID: 09L0183-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
2-Hexanone (MBK)	ND	0.045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Isopropylbenzene (Cumene)	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Methylene Chloride	ND	0.0090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Naphthalene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
n-Propylbenzene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Styrene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,1,1,2-Tetrachloroethane	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,1,2,2-Tetrachloroethane	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Tetrachloroethylene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Tetrahydrofuran	ND	0.0045	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Toluene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,2,3-Trichlorobenzene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,2,4-Trichlorobenzene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,1,1-Trichloroethane	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,1,2-Trichloroethane	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Trichloroethylene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,2,3-Trichloropropane	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,2,4-Trimethylbenzene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
1,3,5-Trimethylbenzene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
Vinyl Chloride	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
m+p Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF
o-Xylene	ND	0.00090	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:12	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	100	70-130	12/7/09 12:12
Toluene-d8	97.3	70-130	12/7/09 12:12
4-Bromofluorobenzene	99.6	70-130	12/7/09 12:12





39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB4 2-4

Sampled: 12/3/2009 13:10

Sample ID: 09L0183-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Acenaphthylene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Acetophenone	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Aniline	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Benzo(a)anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Benzo(a)pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Benzo(b)fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Benzo(g,h,i)perylene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Benzo(k)fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Bis(2-chloroethoxy)methane	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Bis(2-chloroisopropyl)ether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Bis(2-Ethylhexyl)phthalate	0.52	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
4-Bromophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Butylbenzylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
4-Chloroaniline	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2-Chloronaphthalene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2-Chlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Chrysene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Dibenz(a,h)anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Dibenzofuran	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Di-n-butylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
1,2-Dichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
1,3-Dichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
1,4-Dichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
3,3-Dichlorobenzidine	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4-Dichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Diethylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4-Dimethylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Dimethylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4-Dinitrophenol	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,6-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Di-n-octylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Fluoranthene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Fluorene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Hexachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Hexachlorobutadicene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Hexachloroethane	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Isophorone	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2-Methylnaphthalene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB4 2-4

Sampled: 12/3/2009 13:10

Sample ID: 09L0183-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
2-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
3/4-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Naphthalene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Nitrobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2-Nitrophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
4-Nitrophenol	ND	0.67	mg/Kg dry	1	V-19	SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Pentachlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Phenanthrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Phenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Pyrene	ND	0.17	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
1,2,4-Trichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4,5-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4,6-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Surrogates	% Recovery		Recovery Limits		Flag				
2-Fluorophenol	82.0		30-130					12/11/09 13:42	
Phenol-d6	84.5		30-130					12/11/09 13:42	
Nitrobenzene-d5	64.5		30-130					12/11/09 13:42	
2-Fluorobiphenyl	67.5		30-130					12/11/09 13:42	
2,4,6-Tribromophenol	68.4		30-130					12/11/09 13:42	
Terphenyl-d14	88.2		30-130					12/11/09 13:42	



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB4 2-4

Sampled: 12/3/2009 13:10

Sample ID: 09L0183-04

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:47	JB
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:47	JB
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:47	JB
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:47	JB
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:47	JB
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:47	JB
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:47	JB
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:47	JB
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 16:47	JB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		79.9	30-150					12/10/09 16:47	
Decachlorobiphenyl [2]		73.0	30-150					12/10/09 16:47	
Tetrachloro-m-xylene [1]		84.2	30-150					12/10/09 16:47	
Tetrachloro-m-xylene [2]		81.0	30-150					12/10/09 16:47	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB4 2-4

Sampled: 12/3/2009 13:10

Sample ID: 09L0183-04

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
TPH as Diesel	ND	8.5	mg/Kg dry	1		SW-846 8100 Modified	12/8/09	12/9/09 12:53	CJM
Gasoline	ND	8.5	mg/Kg dry	1		SW-846 8015B	12/8/09	12/9/09 12:53	CJM
Kerosene/Jet Fuel	ND	8.5	mg/Kg dry	1		SW-846 8015B	12/8/09	12/9/09 12:53	CJM
Fuel Oil #2	ND	8.5	mg/Kg dry	1		SW-846 8015B	12/8/09	12/9/09 12:53	CJM
Fuel Oil #6	ND	8.5	mg/Kg dry	1		SW-846 8015B	12/8/09	12/9/09 12:53	CJM
Unknown Hydrocarbons (C9-C36)	ND	8.5	mg/Kg dry	1		SW-846 8015B	12/8/09	12/9/09 12:53	CJM
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	72.0		40-140						12/9/09 12:53



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB4 2-4

Sampled: 12/3/2009 13:10

Sample ID: 09L0183-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Arsenic	ND	2.5	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:09	OP
Barium	6.4	5.1	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:08	OP
Cadmium	ND	0.25	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:09	OP
Chromium	4.1	0.51	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:09	OP
Lead	13	0.76	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:09	OP
Mercury	ND	0.017	mg/Kg dry	1		SW-846 7471A	12/8/09	12/9/09 14:12	MPF
Selenium	ND	5.1	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:09	OP
Silver	ND	0.51	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:08	OP



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: SB4 2-4

Sampled: 12/3/2009 13:10

Sample ID: 09L0183-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Ignitability	Absent		present/absent	1		SW-846 1030	12/6/09	12/6/09 12:40	VAK
pH @20.4°C	7.4		pH Units	1		SW-846 9045D	12/7/09	12/7/09 12:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	12/7/09	12/7/09 13:45	LL
Reactive Sulfide	ND	19	mg/Kg	1		SW-846 9030A	12/7/09	12/7/09 13:45	LL
Specific conductance	5.6	2.0	µmhos/cm	1		SM18-20 2510B	12/7/09	12/7/09 14:30	SBP
% Solids	98.0		% Wt	1		SM 2540G	12/8/09	12/8/09 16:03	FWD



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: C3 5-10

Sampled: 12/3/2009 15:50

Sample ID: 09L0183-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Accnaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Bis(2-Ethylhexyl)phthalate	0.38	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL



39 Spruce Slreel \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: C3 5-10

Sampled: 12/3/2009 15:50

Sample ID: 09L0183-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1	V-19	SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 13:42	BGL

Surrogates	% Recovery	Recovery Limits	Flag
2-Fluorophenol	66.0	30-130	
Phenol-d6	72.0	30-130	
Nitrobenzene-d5	68.0	30-130	
2-Fluorobiphenyl	64.0	30-130	
2,4,6-Tribromophenol	81.0	30-130	
Terphenyl-d14	69.0	30-130	





39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: C3 5-10

Sampled: 12/3/2009 15:50

Sample ID: 09L0183-05

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:01	JB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:01	JB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:01	JB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:01	JB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:01	JB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:01	JB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:01	JB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:01	JB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:01	JB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		80.9	30-150					12/10/09 17:01	
Decachlorobiphenyl [2]		73.8	30-150					12/10/09 17:01	
Tetrachloro-m-xylene [1]		85.7	30-150					12/10/09 17:01	
Tetrachloro-m-xylene [2]		82.9	30-150					12/10/09 17:01	



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: C3 5-10

Sampled: 12/3/2009 15:50

Sample ID: 09L0183-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
TPH as Diesel	ND	9.1	mg/Kg dry	1		SW-846 8100 Modified	12/8/09	12/10/09 9:31	CJM
Gasoline	ND	9.1	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 9:31	CJM
Kerosene/Jet Fuel	ND	9.1	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 9:31	CJM
Fuel Oil #2	ND	9.1	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 9:31	CJM
Fuel Oil #6	ND	9.1	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 9:31	CJM
Unknown Hydrocarbons (C9-C36)	ND	9.1	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 9:31	CJM
<b>Surrogates</b>		<b>% Recovery</b>	<b>Recovery Limits</b>		<b>Flag</b>				
o-Terphenyl		79.0	40-140					12/10/09 9:31	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: C3 5-10

Sampled: 12/3/2009 15:50

Sample ID: 09L0183-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 16:11	OP
Barium	ND	5.5	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 16:11	OP
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 16:11	OP
Chromium	5.1	0.55	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 16:11	OP
Lead	2.7	0.82	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 16:11	OP
Mercury	ND	0.022	mg/Kg dry	1		SW-846 7471A	12/8/09	12/9/09 14:18	MPF
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 16:11	OP
Silver	ND	0.55	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 16:11	OP



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: C3 5-10

Sampled: 12/3/2009 15:50

Sample ID: 09L0183-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ignitability	Absent		present/absent	1		SW-846 1030	12/6/09	12/6/09 12:40	VAK
pH @20.5°C	7.4		pH Units	1		SW-846 9045D	12/7/09	12/7/09 12:00	LL
Reactive Cyanide	ND	3.8	mg/Kg	1		SW-846 9014	12/7/09	12/7/09 13:45	LL
Reactive Sulfide	ND	19	mg/Kg	1		SW-846 9030A	12/7/09	12/7/09 13:45	LL
Specific conductance	6.9	2.0	µmhos/cm	1		SM18-20 2510B	12/7/09	12/7/09 14:30	SBP
% Solids	91.3		% Wt	1		SM 2540G	12/8/09	12/8/09 16:03	FWD



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: Trip Blank

Sampled: 12/3/2009 00:00

Sample ID: 09L0183-06

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Bromoform	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
n-Butylbenzene	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
tert-Butylbenzene	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Carbon Disulfide	ND	0.0060	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Carbon Tetrachloride	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Chloroform	ND	0.0040	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1	V-05	SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
cis-1,3-Dichloropropene	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Diethyl Ether	ND	0.020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: Trip Blank

Sampled: 12/3/2009 00:00

Sample ID: 09L0183-06

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
2-Hexanone (MBK)	ND	0.10	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Isopropylbenzene (Cumene)	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.10	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Naphthalene	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Styrene	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,2,3-Trichlorobenzene	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,2,4-Trichlorobenzene	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
m+p Xylene	ND	0.0040	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 16:10	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	113	70-130	12/7/09 16:10
Toluene-d8	95.4	70-130	12/7/09 16:10
4-Bromofluorobenzene	93.6	70-130	12/7/09 16:10



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0183

Date Received: 12/4/2009

Field Sample #: Trip Blank

Sampled: 12/3/2009 00:00

Sample ID: 09L0183-06

Sample Matrix: Trip Blank Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	100		% Wt	1		SM 2540G	12/8/09	12/8/09 16:03	FWD



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### Sample Extraction Data

Prep Method: SW-846 3546-MADEP-EPH-04-1.1

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0183-01 [WSE1 0-5]	B008157	20	2	12/08/09

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
09L0183-01 [WSE1 0-5]	B008141	12/08/09
09L0183-02 [SB5 1-3]	B008141	12/08/09
09L0183-03 [SB5 3-4]	B008141	12/08/09
09L0183-04 [SB4 2-4]	B008141	12/08/09
09L0183-05 [C3 5-10]	B008141	12/08/09
09L0183-06 [Trip Blank]	B008141	12/08/09

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
09L0183-01 [WSE1 0-5]	B008166	1	12/07/09
09L0183-02 [SB5 1-3]	B008166	1	12/07/09
09L0183-03 [SB5 3-4]	B008166	1	12/07/09
09L0183-04 [SB4 2-4]	B008166	1	12/07/09
09L0183-05 [C3 5-10]	B008166	1	12/07/09

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0183-01 [WSE1 0-5]	B008080	50	50	12/06/09
09L0183-02 [SB5 1-3]	B008080	50	50	12/06/09
09L0183-03 [SB5 3-4]	B008080	50	50	12/06/09
09L0183-04 [SB4 2-4]	B008080	50	50	12/06/09
09L0183-05 [C3 5-10]	B008080	50	50	12/06/09

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0183-01 [WSE1 0-5]	B008114	0.998	50	12/07/09
09L0183-02 [SB5 1-3]	B008114	1.0028	50	12/07/09
09L0183-03 [SB5 3-4]	B008114	0.9965	50	12/07/09
09L0183-04 [SB4 2-4]	B008114	1.0083	50	12/07/09
09L0183-05 [C3 5-10]	B008114	0.9971	50	12/07/09

Prep Method: SW-846 7471A-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0183-01 [WSE1 0-5]	B008170	0.135	25	12/08/09
09L0183-02 [SB5 1-3]	B008170	0.1141	25	12/08/09
09L0183-03 [SB5 3-4]	B008170	0.1078	25	12/08/09
09L0183-04 [SB4 2-4]	B008170	0.1458	25	12/08/09
09L0183-05 [C3 5-10]	B008170	0.1231	25	12/08/09





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**Sample Extraction Data**

Prep Method: SW-846 3546-SW-846 8015B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0183-02 [SB5 1-3]	B008154	30	2	12/08/09
09L0183-03 [SB5 3-4]	B008154	30	1	12/08/09
09L0183-04 [SB4 2-4]	B008154	30	1	12/08/09
09L0183-05 [C3 5-10]	B008154	30	1	12/08/09

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0183-01 [WSE1 0-5]	B008197	10	50	12/08/09
09L0183-02 [SB5 1-3]	B008197	10	50	12/08/09
09L0183-03 [SB5 3-4]	B008197	10	50	12/08/09
09L0183-04 [SB4 2-4]	B008197	10	50	12/08/09
09L0183-05 [C3 5-10]	B008197	10	50	12/08/09

Prep Method: SW-846 3546-SW-846 8100 Modified

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0183-02 [SB5 1-3]	B008154	30	2	12/08/09
09L0183-03 [SB5 3-4]	B008154	30	1	12/08/09
09L0183-04 [SB4 2-4]	B008154	30	1	12/08/09
09L0183-05 [C3 5-10]	B008154	30	1	12/08/09

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0183-01 [WSE1 0-5]	B008106	10.6	10	12/07/09
09L0183-02 [SB5 1-3]	B008106	11.4	10	12/07/09
09L0183-03 [SB5 3-4]	B008106	11.4	10	12/07/09
09L0183-04 [SB4 2-4]	B008106	11.4	10	12/07/09
09L0183-06 [Trip Blank]	B008106	5	10	12/07/09

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0183-01 [WSE1 0-5]	B008182	30	2	12/08/09
09L0183-02 [SB5 1-3]	B008182	30	1	12/08/09
09L0183-03 [SB5 3-4]	B008182	30	1	12/08/09
09L0183-04 [SB4 2-4]	B008182	30	1	12/08/09
09L0183-05 [C3 5-10]	B008182	30	1	12/08/09

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0183-01 [WSE1 0-5]	B008107	25.5905	250	12/07/09
09L0183-02 [SB5 1-3]	B008107	25.1037	250	12/07/09
09L0183-03 [SB5 3-4]	B008107	25.1916	250	12/07/09
09L0183-04 [SB4 2-4]	B008107	25.6829	250	12/07/09
09L0183-05 [C3 5-10]	B008107	25.9743	250	12/07/09



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**Sample Extraction Data**

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0183-01 [WSE1 0-5]	B008109	25.5905	250	12/07/09
09L0183-02 [SB5 1-3]	B008109	25.1037	250	12/07/09
09L0183-03 [SB5 3-4]	B008109	25.1916	250	12/07/09
09L0183-04 [SB4 2-4]	B008109	25.6829	250	12/07/09
09L0183-05 [C3 5-10]	B008109	25.9743	250	12/07/09

SW-846 9045D

Lab Number [Field ID]	Batch	Initial [g]	Date
09L0183-01 [WSE1 0-5]	B008112	10	12/07/09
09L0183-02 [SB5 1-3]	B008112	10	12/07/09
09L0183-03 [SB5 3-4]	B008112	10	12/07/09
09L0183-04 [SB4 2-4]	B008112	10	12/07/09
09L0183-05 [C3 5-10]	B008112	10	12/07/09



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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008106 - SW-846 5035</b>										
<b>Blank (B008106-BLK1)</b>										
Prepared & Analyzed: 12/07/09										
Acetone	ND	0.10	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.010	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.010	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.010	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							V-05
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.10	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.010	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.10	mg/Kg wet							
Naphthalene	ND	0.010	mg/Kg wet							



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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008106 - SW-846 5035</b>										
<b>Blank (B008106-BLK1)</b>										
Prepared & Analyzed: 12/07/09										
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.010	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.010	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.010	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0561		mg/Kg wet	0.0500		112	70-130			
Surrogate: Toluene-d8	0.0478		mg/Kg wet	0.0500		95.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.0467		mg/Kg wet	0.0500		93.4	70-130			
<b>LCS (B008106-BS1)</b>										
Prepared & Analyzed: 12/07/09										
Acetone	0.251	0.10	mg/Kg wet	0.200		125	70-160			†
tert-Amyl Methyl Ether (TAME)	0.0257	0.0010	mg/Kg wet	0.0200		128	70-130			
Benzene	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130			
Bromobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130			
Bromochloromethane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
Bromodichloromethane	0.0227	0.0020	mg/Kg wet	0.0200		113	70-130			
Bromoform	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130			
Bromomethane	0.0164	0.010	mg/Kg wet	0.0200		82.1	40-130			†
2-Butanone (MEK)	0.259	0.040	mg/Kg wet	0.200		130	70-160			†
n-Butylbenzene	0.0190	0.010	mg/Kg wet	0.0200		95.2	70-130			
sec-Butylbenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130			
tert-Butylbenzene	0.0204	0.010	mg/Kg wet	0.0200		102	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0298	0.0010	mg/Kg wet	0.0200		149 *	70-130			L-02
Carbon Disulfide	0.0240	0.0060	mg/Kg wet	0.0200		120	70-130			
Carbon Tetrachloride	0.0237	0.010	mg/Kg wet	0.0200		119	70-130			
Chlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130			
Chlorodibromomethane	0.0237	0.0010	mg/Kg wet	0.0200		118	70-130			
Chloroethane	0.0208	0.020	mg/Kg wet	0.0200		104	70-130			
Chloroform	0.0234	0.0040	mg/Kg wet	0.0200		117	70-130			
Chloromethane	0.0223	0.010	mg/Kg wet	0.0200		111	70-130			
2-Chlorotoluene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
4-Chlorotoluene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130			
1,2-Dibromoethane (EDB)	0.0235	0.0010	mg/Kg wet	0.0200		118	70-130			
Dibromomethane	0.0231	0.0020	mg/Kg wet	0.0200		115	70-130			
1,2-Dichlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130			
1,3-Dichlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
1,4-Dichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130			



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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
Batch B008106 - SW-846 5035										
LCS (B008106-BSI) Prepared & Analyzed: 12/07/09										
Dichlorodifluoromethane (Freon 12)	0.0182	0.020	mg/Kg wet	0.0200		91.2	40-160			V-05 †
1,1-Dichloroethane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
1,2-Dichloroethane	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130			
1,1-Dichloroethylene	0.0226	0.0040	mg/Kg wet	0.0200		113	70-130			
cis-1,2-Dichloroethylene	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130			
trans-1,2-Dichloroethylene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
1,2-Dichloropropane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
1,3-Dichloropropane	0.0229	0.0010	mg/Kg wet	0.0200		114	70-130			
2,2-Dichloropropane	0.0247	0.0020	mg/Kg wet	0.0200		123	70-130			
1,1-Dichloropropene	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130			
cis-1,3-Dichloropropene	0.0224	0.010	mg/Kg wet	0.0200		112	70-130			
trans-1,3-Dichloropropene	0.0303	0.0010	mg/Kg wet	0.0200		152 *	70-130			L-02
Diethyl Ether	0.0256	0.020	mg/Kg wet	0.0200		128	70-130			
Diisopropyl Ether (DIPE)	0.0295	0.0010	mg/Kg wet	0.0200		148 *	70-130			L-02
1,4-Dioxane	0.210	0.10	mg/Kg wet	0.200		105	40-160			V-16 †
Ethylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130			
Hexachlorobutadiene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-160			
2-Hexanone (MBK)	0.281	0.10	mg/Kg wet	0.200		140	70-160			L-07, V-06 †
Isopropylbenzene (Cumene)	0.0221	0.010	mg/Kg wet	0.0200		111	70-130			
p-Isopropyltoluene (p-Cymene)	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0256	0.0040	mg/Kg wet	0.0200		128	70-130			
Methylene Chloride	0.0251	0.020	mg/Kg wet	0.0200		126	40-160			V-06 †
4-Methyl-2-pentanone (MIBK)	0.284	0.10	mg/Kg wet	0.200		142	70-160			L-07, V-06 †
Naphthalene	0.0190	0.010	mg/Kg wet	0.0200		95.0	40-130			†
n-Propylbenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130			
Styrene	0.0206	0.010	mg/Kg wet	0.0200		103	70-130			
1,1,1,2-Tetrachloroethane	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130			
1,1,2,2-Tetrachloroethane	0.0193	0.0010	mg/Kg wet	0.0200		96.3	70-130			
Tetrachloroethylene	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130			
Tetrahydrofuran	0.0171	0.010	mg/Kg wet	0.0200		85.3	70-130			V-16
Toluene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130			
1,2,3-Trichlorobenzene	0.0182	0.010	mg/Kg wet	0.0200		90.8	70-130			
1,2,4-Trichlorobenzene	0.0179	0.010	mg/Kg wet	0.0200		89.3	70-130			
1,1,1-Trichloroethane	0.0242	0.0020	mg/Kg wet	0.0200		121	70-130			
1,1,2-Trichloroethane	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130			
Trichloroethylene	0.0235	0.0020	mg/Kg wet	0.0200		118	70-130			
Trichlorofluoromethane (Freon 11)	0.0212	0.010	mg/Kg wet	0.0200		106	70-130			
1,2,3-Trichloropropane	0.0190	0.0020	mg/Kg wet	0.0200		95.0	70-130			
1,2,4-Trimethylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130			
1,3,5-Trimethylbenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130			
Vinyl Chloride	0.0176	0.010	mg/Kg wet	0.0200		88.0	40-130			†
m+tp Xylene	0.0466	0.0040	mg/Kg wet	0.0400		117	70-130			
o-Xylene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0479		mg/Kg wet	0.0500		95.8	70-130			
Surrogate: Toluene-d8	0.0509		mg/Kg wet	0.0500		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.0540		mg/Kg wet	0.0500		108	70-130			



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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008106 - SW-846 5035										
LCS Dup (B008106-BSD1) Prepared & Analyzed: 12/07/09										
Acetone	0.222	0.10	mg/Kg wet	0.200		111	70-160	12.2	25	†
tert-Amyl Methyl Ether (TAME)	0.0222	0.0010	mg/Kg wet	0.0200		111	70-130	14.5	25	
Benzene	0.0200	0.0020	mg/Kg wet	0.0200		99.9	70-130	4.60	25	
Bromobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	1.36	25	
Bromochloromethane	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	7.83	25	
Bromodichloromethane	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130	3.59	25	
Bromoform	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	11.0	25	
Bromomethane	0.0197	0.010	mg/Kg wet	0.0200		98.5	40-130	18.2	25	†
2-Butanone (MEK)	0.219	0.040	mg/Kg wet	0.200		109	70-160	17.0	25	†
n-Butylbenzene	0.0186	0.010	mg/Kg wet	0.0200		93.1	70-130	2.23	25	
sec-Butylbenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130	1.48	25	
tert-Butylbenzene	0.0199	0.010	mg/Kg wet	0.0200		99.4	70-160	2.78	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0267	0.0010	mg/Kg wet	0.0200		133 *	70-130	10.9	25	L-02
Carbon Disulfide	0.0236	0.0060	mg/Kg wet	0.0200		118	70-130	1.93	25	
Carbon Tetrachloride	0.0220	0.010	mg/Kg wet	0.0200		110	70-130	7.43	25	
Chlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	3.04	25	
Chlorodibromomethane	0.0223	0.0010	mg/Kg wet	0.0200		112	70-130	5.92	25	
Chloroethane	0.0235	0.020	mg/Kg wet	0.0200		118	70-130	12.3	25	
Chloroform	0.0213	0.0040	mg/Kg wet	0.0200		107	70-130	9.38	25	
Chloromethane	0.0258	0.010	mg/Kg wet	0.0200		129	70-130	14.7	25	
2-Chlorotoluene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	1.21	25	
4-Chlorotoluene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130	1.55	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0191	0.0020	mg/Kg wet	0.0200		95.4	70-130	9.01	25	
1,2-Dibromoethane (EDB)	0.0221	0.0010	mg/Kg wet	0.0200		111	70-130	6.05	25	
Dibromomethane	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	7.74	25	
1,2-Dichlorobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.3	70-130	1.85	25	
1,3-Dichlorobenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.0	70-130	2.99	25	
1,4-Dichlorobenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.7	70-130	2.58	25	
Dichlorodifluoromethane (Freon 12)	0.0207	0.020	mg/Kg wet	0.0200		103	40-160	12.4	25	V-05 †
1,1-Dichloroethane	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	6.13	25	
1,2-Dichloroethane	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	6.39	25	
1,1-Dichloroethylene	0.0212	0.0040	mg/Kg wet	0.0200		106	70-130	6.39	25	
cis-1,2-Dichloroethylene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	8.85	25	
trans-1,2-Dichloroethylene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	9.17	25	
1,2-Dichloropropane	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	2.77	25	
1,3-Dichloropropane	0.0215	0.0010	mg/Kg wet	0.0200		107	70-130	6.40	25	
2,2-Dichloropropane	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130	11.1	25	
1,1-Dichloropropene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130	10.9	25	
cis-1,3-Dichloropropene	0.0215	0.010	mg/Kg wet	0.0200		107	70-130	4.11	25	
trans-1,3-Dichloropropene	0.0272	0.0010	mg/Kg wet	0.0200		136 *	70-130	10.9	25	L-02
Diethyl Ether	0.0235	0.020	mg/Kg wet	0.0200		118	70-130	8.46	25	
Diisopropyl Ether (DIPE)	0.0275	0.0010	mg/Kg wet	0.0200		138 *	70-130	7.08	25	L-02
1,4-Dioxane	0.199	0.10	mg/Kg wet	0.200		99.5	40-160	5.24	50	V-16 † †
Ethylbenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	1.55	25	
Hexachlorobutadiene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-160	0.0923	25	
2-Hexanone (MBK)	0.240	0.10	mg/Kg wet	0.200		120	70-160	15.9	25	V-06 †
Isopropylbenzene (Cumene)	0.0217	0.010	mg/Kg wet	0.0200		109	70-130	1.73	25	
p-Isopropyltoluene (p-Cymene)	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	2.79	25	
Methyl tert-Butyl Ether (MTBE)	0.0225	0.0040	mg/Kg wet	0.0200		112	70-130	12.9	25	
Methylene Chloride	0.0270	0.020	mg/Kg wet	0.0200		135	40-160	7.37	25	L-07, V-06 †
4-Methyl-2-pentanone (MIBK)	0.249	0.10	mg/Kg wet	0.200		125	70-160	13.1	25	V-06 †
Naphthalene	0.0178	0.010	mg/Kg wet	0.0200		89.2	40-130	6.30	25	†



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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008106 - SW-846 5035										
LCS Dup (B008106-BSD1) <span style="float: right;">Prepared &amp; Analyzed: 12/07/09</span>										
n-Propylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	0.0978	25	
Styrene	0.0206	0.010	mg/Kg wet	0.0200		103	70-130	0.291	25	
1,1,1,2-Tetrachloroethane	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130	7.26	25	
1,1,2,2-Tetrachloroethane	0.0179	0.0010	mg/Kg wet	0.0200		89.5	70-130	7.32	25	
Tetrachloroethylene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130	0.945	25	
Tetrahydrofuran	0.0179	0.010	mg/Kg wet	0.0200		89.6	70-130	4.92	25	V-16
Toluene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	2.17	25	
1,2,3-Trichlorobenzene	0.0174	0.010	mg/Kg wet	0.0200		86.9	70-130	4.39	25	
1,2,4-Trichlorobenzene	0.0172	0.010	mg/Kg wet	0.0200		86.2	70-130	3.53	25	
1,1,1-Trichloroethane	0.0227	0.0020	mg/Kg wet	0.0200		113	70-130	6.65	25	
1,1,2-Trichloroethane	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	6.70	25	
Trichloroethylene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	5.77	25	
Trichlorofluoromethane (Freon 11)	0.0200	0.010	mg/Kg wet	0.0200		100	70-130	5.82	25	
1,2,3-Trichloropropane	0.0173	0.0020	mg/Kg wet	0.0200		86.6	70-130	9.25	25	
1,2,4-Trimethylbenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130	3.51	25	
1,3,5-Trimethylbenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	0.993	25	
Vinyl Chloride	0.0201	0.010	mg/Kg wet	0.0200		100	40-130	13.2	25	†
m+p Xylene	0.0464	0.0040	mg/Kg wet	0.0400		116	70-130	0.516	25	
o-Xylene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	0.298	25	
Surrogate: 1,2-Dichloroethane-d4	0.0441		mg/Kg wet	0.0500		88.2	70-130			
Surrogate: Toluene-d8	0.0535		mg/Kg wet	0.0500		107	70-130			
Surrogate: 4-Bromofluorobenzene	0.0557		mg/Kg wet	0.0500		111	70-130			



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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008182 - SW-846 3546</b>										
<b>Blank (B008182-BLK1)</b>										
Prepared: 12/08/09 Analyzed: 12/10/09										
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008182 - SW-846 3546</b>										
<b>Blank (B008182-BLK1)</b>										
Prepared: 12/08/09 Analyzed: 12/10/09										
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	6.11		mg/Kg wet	6.67		91.6	30-130			
Surrogate: Phenol-d6	6.52		mg/Kg wet	6.67		97.7	30-130			
Surrogate: Nitrobenzene-d5	2.53		mg/Kg wet	3.33		76.0	30-130			
Surrogate: 2-Fluorobiphenyl	2.41		mg/Kg wet	3.33		72.3	30-130			
Surrogate: 2,4,6-Tribromophenol	5.96		mg/Kg wet	6.67		89.3	30-130			
Surrogate: Terphenyl-d14	2.91		mg/Kg wet	3.33		87.2	30-130			
<b>LCS (B008182-BS1)</b>										
Prepared: 12/08/09 Analyzed: 12/10/09										
Acenaphthene	1.04	0.17	mg/Kg wet	1.67		62.3	40-140			
Acenaphthylene	0.995	0.17	mg/Kg wet	1.67		59.7	40-140			
Acetophenone	0.515	0.34	mg/Kg wet	0.833		61.8	40-140			
Aniline	1.05	0.34	mg/Kg wet	1.67		63.2	10-140			†
Anthracene	1.04	0.17	mg/Kg wet	1.67		62.7	40-140			
Benzo(a)anthracene	1.08	0.17	mg/Kg wet	1.67		64.7	40-140			
Benzo(a)pyrene	1.04	0.17	mg/Kg wet	1.67		62.2	40-140			
Benzo(b)fluoranthene	0.923	0.17	mg/Kg wet	1.67		55.4	40-140			
Benzo(g,h,i)perylene	0.993	0.17	mg/Kg wet	1.67		59.6	40-140			
Benzo(k)fluoranthene	1.09	0.17	mg/Kg wet	1.67		65.4	40-140			
Bis(2-chloroethoxy)methane	1.15	0.34	mg/Kg wet	1.67		69.1	40-140			
Bis(2-chloroethyl)ether	1.20	0.34	mg/Kg wet	1.67		72.3	40-140			
Bis(2-chloroisopropyl)ether	1.21	0.34	mg/Kg wet	1.67		72.5	40-140			
Bis(2-Ethylhexyl)phthalate	1.63	0.34	mg/Kg wet	1.67		97.5	40-140			
4-Bromophenylphenylether	1.06	0.34	mg/Kg wet	1.67		63.4	40-140			
Butylbenzylphthalate	1.22	0.66	mg/Kg wet	1.67		73.4	40-140			
4-Chloroaniline	0.741	0.66	mg/Kg wet	1.67		44.5	10-140			†
2-Chloronaphthalene	0.938	0.34	mg/Kg wet	1.67		56.3	40-140			
2-Chlorophenol	1.08	0.34	mg/Kg wet	1.67		64.9	30-130			
Chrysene	1.12	0.17	mg/Kg wet	1.67		67.3	40-140			
Dibenz(a,h)anthracene	0.892	0.17	mg/Kg wet	1.67		53.5	40-140			
Dibenzofuran	1.04	0.34	mg/Kg wet	1.67		62.2	40-140			
Di-n-butylphthalate	1.11	0.34	mg/Kg wet	1.67		66.4	40-140			
1,2-Dichlorobenzene	1.04	0.34	mg/Kg wet	1.67		62.3	40-140			
1,3-Dichlorobenzene	1.03	0.34	mg/Kg wet	1.67		61.9	40-140			
1,4-Dichlorobenzene	1.04	0.34	mg/Kg wet	1.67		62.7	40-140			
3,3-Dichlorobenzidine	0.870	0.17	mg/Kg wet	1.67		52.2	20-140			†
2,4-Dichlorophenol	0.981	0.34	mg/Kg wet	1.67		58.9	30-130			
Diethylphthalate	1.01	0.34	mg/Kg wet	1.67		60.5	40-140			
2,4-Dimethylphenol	1.05	0.34	mg/Kg wet	1.67		63.1	30-130			
Dimethylphthalate	1.08	0.66	mg/Kg wet	1.67		64.8	40-140			
2,4-Dinitrophenol	0.944	0.66	mg/Kg wet	1.67		56.6	30-130			V-19
2,4-Dinitrotoluene	0.995	0.34	mg/Kg wet	1.67		59.7	40-140			
2,6-Dinitrotoluene	1.10	0.34	mg/Kg wet	1.67		66.0	40-140			
Di-n-octylphthalate	0.998	0.66	mg/Kg wet	1.67		59.9	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.21	0.34	mg/Kg wet	1.67		72.7	40-140			
Fluoranthene	1.22	0.17	mg/Kg wet	1.67		73.5	40-140			
Fluorene	0.973	0.17	mg/Kg wet	1.67		58.4	40-140			
Hexachlorobenzene	1.06	0.34	mg/Kg wet	1.67		63.7	40-140			



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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008182 - SW-846 3546										
LCS (B008182-BS1) <span style="float: right;">Prepared: 12/08/09 Analyzed: 12/10/09</span>										
Hexachlorobutadiene	0.967	0.34	mg/Kg wet	1.67		58.0	40-140			
Hexachloroethane	1.06	0.34	mg/Kg wet	1.67		63.8	40-140			
Indeno(1,2,3-cd)pyrene	0.909	0.17	mg/Kg wet	1.67		54.6	40-140			
Isophorone	1.18	0.34	mg/Kg wet	1.67		71.0	40-140			
2-Methylnaphthalene	0.962	0.17	mg/Kg wet	1.67		57.7	40-140			
2-Methylphenol	1.10	0.34	mg/Kg wet	1.67		66.2	30-130			
3/4-Methylphenol	1.08	0.34	mg/Kg wet	1.67		65.0	30-130			
Naphthalene	0.994	0.17	mg/Kg wet	1.67		59.6	40-140			
Nitrobenzene	1.10	0.34	mg/Kg wet	1.67		66.2	40-140			
2-Nitrophenol	1.01	0.34	mg/Kg wet	1.67		60.3	30-130			
4-Nitrophenol	0.901	0.66	mg/Kg wet	1.67		54.1	30-130			
Pentachlorophenol	0.832	0.34	mg/Kg wet	1.67		49.9	30-130			
Phenanthrene	1.07	0.17	mg/Kg wet	1.67		64.1	40-140			
Phenol	1.22	0.34	mg/Kg wet	1.67		73.4	30-130			
Pyrene	1.14	0.17	mg/Kg wet	1.67		68.3	40-140			
1,2,4-Trichlorobenzene	1.01	0.34	mg/Kg wet	1.67		60.6	40-140			
2,4,5-Trichlorophenol	1.05	0.34	mg/Kg wet	1.67		62.8	30-130			
2,4,6-Trichlorophenol	1.06	0.34	mg/Kg wet	1.67		63.6	30-130			
Surrogate: 2-Fluorophenol	5.03		mg/Kg wet	6.67		75.5	30-130			
Surrogate: PhenoI-d6	5.12		mg/Kg wet	6.67		76.9	30-130			
Surrogate: Nitrobenzene-d5	2.28		mg/Kg wet	3.33		68.4	30-130			
Surrogate: 2-Fluorobiphenyl	2.38		mg/Kg wet	3.33		71.5	30-130			
Surrogate: 2,4,6-Tribromophenol	4.32		mg/Kg wet	6.67		64.8	30-130			
Surrogate: Terphenyl-d14	2.53		mg/Kg wet	3.33		75.8	30-130			
LCS Dup (B008182-BSD1) <span style="float: right;">Prepared: 12/08/09 Analyzed: 12/10/09</span>										
Acenaphthene	1.20	0.17	mg/Kg wet	1.67		72.1	40-140	14.5	30	
Acenaphthylene	1.17	0.17	mg/Kg wet	1.67		70.3	40-140	16.3	30	
Acetophenone	0.595	0.34	mg/Kg wet	0.833		71.4	40-140	14.5	30	
Aniline	1.23	0.34	mg/Kg wet	1.67		74.1	10-140	15.9	50	† †
Anthracene	1.22	0.17	mg/Kg wet	1.67		73.4	40-140	15.7	30	
Benzo(a)anthracene	1.25	0.17	mg/Kg wet	1.67		75.2	40-140	15.1	30	
Benzo(a)pyrene	1.23	0.17	mg/Kg wet	1.67		73.7	40-140	16.9	30	
Benzo(b)fluoranthene	1.11	0.17	mg/Kg wet	1.67		66.5	40-140	18.3	30	
Benzo(g,h,i)perylene	1.18	0.17	mg/Kg wet	1.67		71.0	40-140	17.5	30	
Benzo(k)fluoranthene	1.24	0.17	mg/Kg wet	1.67		74.6	40-140	13.1	30	
Bis(2-chloroethoxy)methane	1.34	0.34	mg/Kg wet	1.67		80.5	40-140	15.2	30	
Bis(2-chloroethyl)ether	1.36	0.34	mg/Kg wet	1.67		81.4	40-140	11.9	30	
Bis(2-chloroisopropyl)ether	1.37	0.34	mg/Kg wet	1.67		82.0	40-140	12.4	30	
Bis(2-Ethylhexyl)phthalate	1.95	0.34	mg/Kg wet	1.67		117	40-140	18.0	30	
4-Bromophenylphenylether	1.23	0.34	mg/Kg wet	1.67		73.6	40-140	14.9	30	
Butylbenzylphthalate	1.40	0.66	mg/Kg wet	1.67		83.8	40-140	13.3	30	
4-Chloroaniline	0.537	0.66	mg/Kg wet	1.67		32.2	10-140	31.9 *	30	†
2-Chloronaphthalene	1.07	0.34	mg/Kg wet	1.67		64.4	40-140	13.4	30	
2-Chlorophenol	1.22	0.34	mg/Kg wet	1.67		73.3	30-130	12.1	30	
Chrysene	1.32	0.17	mg/Kg wet	1.67		79.4	40-140	16.5	30	
Dibenz(a,h)anthracene	1.05	0.17	mg/Kg wet	1.67		62.9	40-140	16.1	30	
Dibenzofuran	1.23	0.34	mg/Kg wet	1.67		74.0	40-140	17.4	30	
Di-n-butylphthalate	1.28	0.34	mg/Kg wet	1.67		76.8	40-140	14.6	30	
1,2-Dichlorobenzene	1.20	0.34	mg/Kg wet	1.67		72.2	40-140	14.8	30	
1,3-Dichlorobenzene	1.19	0.34	mg/Kg wet	1.67		71.6	40-140	14.5	30	
1,4-Dichlorobenzene	1.21	0.34	mg/Kg wet	1.67		72.9	40-140	15.0	30	



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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008182 - SW-846 3546										
LCS Dup (B008182-BSD1) Prepared: 12/08/09 Analyzed: 12/10/09										
3,3-Dichlorobenzidine	0.890	0.17	mg/Kg wet	1.67		53.4	20-140	2.31	50	† †
2,4-Dichlorophenol	1.16	0.34	mg/Kg wet	1.67		69.6	30-130	16.6	30	
Diethylphthalate	1.24	0.34	mg/Kg wet	1.67		74.4	40-140	20.5	30	
2,4-Dimethylphenol	1.24	0.34	mg/Kg wet	1.67		74.1	30-130	16.1	30	
Dimethylphthalate	1.28	0.66	mg/Kg wet	1.67		76.8	40-140	16.9	30	
2,4-Dinitrophenol	1.16	0.66	mg/Kg wet	1.67		69.7	30-130	20.7	30	V-19
2,4-Dinitrotoluene	1.25	0.34	mg/Kg wet	1.67		74.9	40-140	22.6	30	
2,6-Dinitrotoluene	1.32	0.34	mg/Kg wet	1.67		79.5	40-140	18.4	30	
Di-n-octylphthalate	1.21	0.66	mg/Kg wet	1.67		72.4	40-140	19.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.38	0.34	mg/Kg wet	1.67		83.1	40-140	13.4	30	
Fluoranthene	1.34	0.17	mg/Kg wet	1.67		80.5	40-140	9.12	30	
Fluorene	1.18	0.17	mg/Kg wet	1.67		70.5	40-140	18.9	30	
Hexachlorobenzene	1.24	0.34	mg/Kg wet	1.67		74.4	40-140	15.5	30	
Hexachlorobutadiene	1.16	0.34	mg/Kg wet	1.67		69.3	40-140	17.7	30	
Hexachloroethane	1.23	0.34	mg/Kg wet	1.67		73.9	40-140	14.7	30	
Indeno(1,2,3-cd)pyrene	1.09	0.17	mg/Kg wet	1.67		65.6	40-140	18.3	30	
Isophorone	1.41	0.34	mg/Kg wet	1.67		84.4	40-140	17.3	30	
2-Methylnaphthalene	1.16	0.17	mg/Kg wet	1.67		69.6	40-140	18.7	30	
2-Methylphenol	1.27	0.34	mg/Kg wet	1.67		76.1	30-130	13.9	30	
3/4-Methylphenol	1.24	0.34	mg/Kg wet	1.67		74.2	30-130	13.3	30	
Naphthalene	1.17	0.17	mg/Kg wet	1.67		70.0	40-140	16.0	30	
Nitrobenzene	1.28	0.34	mg/Kg wet	1.67		76.6	40-140	14.6	30	
2-Nitrophenol	1.17	0.34	mg/Kg wet	1.67		70.4	30-130	15.4	30	
4-Nitrophenol	1.04	0.66	mg/Kg wet	1.67		62.2	30-130	14.0	50	‡
Pentachlorophenol	0.958	0.34	mg/Kg wet	1.67		57.5	30-130	14.1	30	
Phenanthrene	1.24	0.17	mg/Kg wet	1.67		74.6	40-140	15.1	30	
Phenol	1.37	0.34	mg/Kg wet	1.67		82.4	30-130	11.5	30	
Pyrene	1.29	0.17	mg/Kg wet	1.67		77.6	40-140	12.7	30	
1,2,4-Trichlorobenzene	1.19	0.34	mg/Kg wet	1.67		71.6	40-140	16.6	30	
2,4,5-Trichlorophenol	1.22	0.34	mg/Kg wet	1.67		72.9	30-130	14.9	30	
2,4,6-Trichlorophenol	1.20	0.34	mg/Kg wet	1.67		71.8	30-130	12.2	30	
Surrogate: 2-Fluorophenol	5.40		mg/Kg wet	6.67		81.0	30-130			
Surrogate: Phenol-d6	5.54		mg/Kg wet	6.67		83.0	30-130			
Surrogate: Nitrobenzene-d5	2.57		mg/Kg wet	3.33		77.0	30-130			
Surrogate: 2-Fluorobiphenyl	2.64		mg/Kg wet	3.33		79.2	30-130			
Surrogate: 2,4,6-Tribromophenol	5.12		mg/Kg wet	6.67		76.8	30-130			
Surrogate: Terphenyl-d14	2.83		mg/Kg wet	3.33		84.9	30-130			



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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
<b>Batch B008197 - SW-846 3546</b>										
<b>LCS (B008197-BSI)</b>										
					Prepared: 12/08/09 Analyzed: 12/10/09					
Aroclor-1016	0.13	0.10	mg/Kg wet	0.200		65.9	40-140			
Aroclor-1016 [2C]	0.16	0.10	mg/Kg wet	0.200		81.1	40-140			
Aroclor-1260	0.15	0.10	mg/Kg wet	0.200		76.5	40-140			
Aroclor-1260 [2C]	0.16	0.10	mg/Kg wet	0.200		78.6	40-140			
Surrogate: Decachlorobiphenyl	0.145		mg/Kg wet	0.200		72.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.132		mg/Kg wet	0.200		65.8	30-150			
Surrogate: Tetrachloro-m-xylene	0.148		mg/Kg wet	0.200		74.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.156		mg/Kg wet	0.200		78.0	30-150			
<b>LCS Dup (B008197-BSD1)</b>										
					Prepared: 12/08/09 Analyzed: 12/10/09					
Aroclor-1016	0.15	0.10	mg/Kg wet	0.200		73.0	40-140	10.3	30	
Aroclor-1016 [2C]	0.18	0.10	mg/Kg wet	0.200		89.0	40-140	9.30	30	
Aroclor-1260	0.17	0.10	mg/Kg wet	0.200		84.6	40-140	10.0	30	
Aroclor-1260 [2C]	0.17	0.10	mg/Kg wet	0.200		85.0	40-140	7.80	30	
Surrogate: Decachlorobiphenyl	0.159		mg/Kg wet	0.200		79.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.144		mg/Kg wet	0.200		72.0	30-150			
Surrogate: Tetrachloro-m-xylene	0.161		mg/Kg wet	0.200		80.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.159		mg/Kg wet	0.200		79.3	30-150			
<b>Matrix Spike (B008197-MS1)</b>										
			Source: 09L0183-05		Prepared: 12/08/09 Analyzed: 12/10/09					
Aroclor-1016	0.17	0.11	mg/Kg dry	0.219	ND	79.8	40-140			
Aroclor-1016 [2C]	0.20	0.11	mg/Kg dry	0.219	ND	92.4	40-140			
Aroclor-1260	0.19	0.11	mg/Kg dry	0.219	ND	85.1	40-140			
Aroclor-1260 [2C]	0.19	0.11	mg/Kg dry	0.219	ND	85.0	40-140			
Surrogate: Decachlorobiphenyl	0.167		mg/Kg dry	0.219		76.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.157		mg/Kg dry	0.219		71.8	30-150			
Surrogate: Tetrachloro-m-xylene	0.190		mg/Kg dry	0.219		86.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.181		mg/Kg dry	0.219		82.5	30-150			
<b>Matrix Spike Dup (B008197-MSD1)</b>										
			Source: 09L0183-05		Prepared: 12/08/09 Analyzed: 12/10/09					
Aroclor-1016	0.19	0.11	mg/Kg dry	0.219	ND	84.9	40-140	6.14	50	
Aroclor-1016 [2C]	0.21	0.11	mg/Kg dry	0.219	ND	98.1	40-140	6.01	50	
Aroclor-1260	0.20	0.11	mg/Kg dry	0.219	ND	90.1	40-140	5.69	50	
Aroclor-1260 [2C]	0.20	0.11	mg/Kg dry	0.219	ND	90.5	40-140	6.18	50	
Surrogate: Decachlorobiphenyl	0.174		mg/Kg dry	0.219		79.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.163		mg/Kg dry	0.219		74.4	30-150			
Surrogate: Tetrachloro-m-xylene	0.196		mg/Kg dry	0.219		89.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.187		mg/Kg dry	0.219		85.4	30-150			



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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008154 - SW-846 3546</b>										
<b>Blank (B008154-BLK1)</b>										
				Prepared: 12/08/09 Analyzed: 12/09/09						
TPH as Diesel	ND	8.3	mg/Kg wet							
Gasoline	ND	8.3	mg/Kg wet							
Kerosene/Jet Fuel	ND	8.3	mg/Kg wet							
Fuel Oil #2	ND	8.3	mg/Kg wet							
Fuel Oil #6	ND	8.3	mg/Kg wet							
Unknown Hydrocarbons (C9-C36)	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	2.45		mg/Kg wet	3.33		73.4	40-140			
<b>LCS (B008154-BS1)</b>										
				Prepared: 12/08/09 Analyzed: 12/09/09						
TPH as Diesel	27.8	8.3	mg/Kg wet	33.3		83.3	40-140			
Fuel Oil #2	27.8	8.3	mg/Kg wet	33.3		83.3	40-140			
Surrogate: o-Terphenyl	2.52		mg/Kg wet	3.33		75.5	40-140			
<b>LCS Dup (B008154-BSD1)</b>										
				Prepared: 12/08/09 Analyzed: 12/09/09						
TPH as Diesel	29.7	8.3	mg/Kg wet	33.3		89.2	40-140	6.89	30	
Fuel Oil #2	29.7	8.3	mg/Kg wet	33.3		89.2	40-140	6.89	25	
Surrogate: o-Terphenyl	3.09		mg/Kg wet	3.33		92.8	40-140			
<b>Matrix Spike (B008154-MS1)</b>										
				Source: 09L0183-04		Prepared: 12/08/09 Analyzed: 12/09/09				
TPH as Diesel	29.5	8.5	mg/Kg dry	34.0	1.62	82.1	40-140			
Fuel Oil #2	29.5	8.5	mg/Kg dry	34.0	ND	86.9	40-140			
Surrogate: o-Terphenyl	2.99		mg/Kg dry	3.40		88.0	40-140			
<b>Matrix Spike Dup (B008154-MSD1)</b>										
				Source: 09L0183-04		Prepared: 12/08/09 Analyzed: 12/09/09				
TPH as Diesel	26.4	8.5	mg/Kg dry	34.0	1.62	73.0	40-140	11.1	30	
Fuel Oil #2	26.4	8.5	mg/Kg dry	34.0	ND	77.8	40-140	11.1	50	
Surrogate: o-Terphenyl	2.27		mg/Kg dry	3.40		66.8	40-140			



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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008157 - SW-846 3546</b>										
<b>Blank (B008157-BLK1)</b>										
Prepared: 12/08/09 Analyzed: 12/10/09										
C9-C18 Aliphatics	ND	10	mg/Kg wet							
C19-C36 Aliphatics	ND	10	mg/Kg wet							
Unadjusted C11-C22 Aromatics	ND	10	mg/Kg wet							
C11-C22 Aromatics	ND	10	mg/Kg wet							
Acenaphthene	ND	0.10	mg/Kg wet							
Acenaphthylene	ND	0.10	mg/Kg wet							
Anthracene	ND	0.10	mg/Kg wet							
Benzo(a)anthracene	ND	0.10	mg/Kg wet							
Benzo(a)pyrene	ND	0.10	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.10	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.10	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.10	mg/Kg wet							
Chrysene	ND	0.10	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.10	mg/Kg wet							
Fluoranthene	ND	0.10	mg/Kg wet							
Fluorene	ND	0.10	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/Kg wet							
2-Methylnaphthalene	ND	0.10	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
Phenanthrene	ND	0.10	mg/Kg wet							
Pyrene	ND	0.10	mg/Kg wet							
Surrogate: Chlorooctadecane (COD)	3.71		mg/Kg wet	5.00		74.2	40-140			
Surrogate: o-Terphenyl (OTP)	4.82		mg/Kg wet	5.00		96.4	40-140			
Surrogate: 2-Bromonaphthalene	5.44		mg/Kg wet	5.00		109	40-140			
Surrogate: 2-Fluorobiphenyl	5.31		mg/Kg wet	5.00		106	40-140			
<b>LCS (B008157-BS1)</b>										
Prepared: 12/08/09 Analyzed: 12/10/09										
C9-C18 Aliphatics	24.1	10	mg/Kg wet	30.0		80.3	40-140			
C19-C36 Aliphatics	41.6	10	mg/Kg wet	40.0		104	40-140			
Unadjusted C11-C22 Aromatics	81.7	10	mg/Kg wet	85.0		96.1	40-140			
Acenaphthene	4.28	0.10	mg/Kg wet	5.00		85.5	40-140			
Acenaphthylene	4.23	0.10	mg/Kg wet	5.00		84.7	40-140			
Anthracene	4.67	0.10	mg/Kg wet	5.00		93.4	40-140			
Benzo(a)anthracene	4.67	0.10	mg/Kg wet	5.00		93.5	40-140			
Benzo(a)pyrene	4.60	0.10	mg/Kg wet	5.00		91.9	40-140			
Benzo(b)fluoranthene	4.80	0.10	mg/Kg wet	5.00		96.0	40-140			
Benzo(g,h,i)perylene	4.65	0.10	mg/Kg wet	5.00		93.0	40-140			
Benzo(k)fluoranthene	4.72	0.10	mg/Kg wet	5.00		94.4	40-140			
Chrysene	4.83	0.10	mg/Kg wet	5.00		96.6	40-140			
Dibenz(a,h)anthracene	4.61	0.10	mg/Kg wet	5.00		92.2	40-140			
Fluoranthene	4.66	0.10	mg/Kg wet	5.00		93.1	40-140			
Fluorene	4.49	0.10	mg/Kg wet	5.00		89.8	40-140			
Indeno(1,2,3-cd)pyrene	4.54	0.10	mg/Kg wet	5.00		90.8	40-140			
2-Methylnaphthalene	3.99	0.10	mg/Kg wet	5.00		79.8	40-140			
Naphthalene	3.69	0.10	mg/Kg wet	5.00		73.7	40-140			
Phenanthrene	4.57	0.10	mg/Kg wet	5.00		91.3	40-140			
Pyrene	4.80	0.10	mg/Kg wet	5.00		96.0	40-140			
n-Nonane	2.48	0.10	mg/Kg wet	5.00		49.5	30-140			
Naphthalene-aliphatic fraction	0.00		mg/Kg wet	5.00			0-5			
2-Methylnaphthalene-aliphatic fraction	0.00		mg/Kg wet	5.00			0-5			
Surrogate: Chlorooctadecane (COD)	3.51		mg/Kg wet	5.00		70.2	40-140			
Surrogate: o-Terphenyl (OTP)	4.87		mg/Kg wet	5.00		97.5	40-140			



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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008157 - SW-846 3546										
LCS (B008157-BS1) Prepared: 12/08/09 Analyzed: 12/10/09										
Surrogate: 2-Bromonaphthalene	5.21		mg/Kg wet	5.00		104	40-140			
Surrogate: 2-Fluorobiphenyl	5.18		mg/Kg wet	5.00		104	40-140			
LCS Dup (B008157-BSD1) Prepared: 12/08/09 Analyzed: 12/10/09										
C9-C18 Aliphatics	24.2	10	mg/Kg wet	30.0		80.7	40-140	0.517	25	
C19-C36 Aliphatics	42.4	10	mg/Kg wet	40.0		106	40-140	1.97	25	
Unadjusted C11-C22 Aromatics	78.1	10	mg/Kg wet	85.0		91.8	40-140	4.49	25	
Acenaphthene	4.09	0.10	mg/Kg wet	5.00		81.8	40-140	4.51	25	
Acenaphthylene	4.03	0.10	mg/Kg wet	5.00		80.7	40-140	4.82	25	
Anthracene	4.49	0.10	mg/Kg wet	5.00		89.9	40-140	3.86	25	
Benzo(a)anthracene	4.48	0.10	mg/Kg wet	5.00		89.7	40-140	4.16	25	
Benzo(a)pyrene	4.41	0.10	mg/Kg wet	5.00		88.1	40-140	4.23	25	
Benzo(b)fluoranthene	4.61	0.10	mg/Kg wet	5.00		92.3	40-140	3.94	25	
Benzo(g,h,i)perylene	4.47	0.10	mg/Kg wet	5.00		89.5	40-140	3.91	25	
Benzo(k)fluoranthene	4.52	0.10	mg/Kg wet	5.00		90.4	40-140	4.37	25	
Chrysene	4.61	0.10	mg/Kg wet	5.00		92.3	40-140	4.58	25	
Dibenz(a,h)anthracene	4.41	0.10	mg/Kg wet	5.00		88.1	40-140	4.49	25	
Fluoranthene	4.50	0.10	mg/Kg wet	5.00		89.9	40-140	3.51	25	
Fluorene	4.28	0.10	mg/Kg wet	5.00		85.7	40-140	4.71	25	
Indeno(1,2,3-cd)pyrene	4.38	0.10	mg/Kg wet	5.00		87.6	40-140	3.60	25	
2-Methylnaphthalene	3.82	0.10	mg/Kg wet	5.00		76.4	40-140	4.44	25	
Naphthalene	3.52	0.10	mg/Kg wet	5.00		70.4	40-140	4.66	25	
Phenanthrene	4.38	0.10	mg/Kg wet	5.00		87.6	40-140	4.10	25	
Pyrene	4.63	0.10	mg/Kg wet	5.00		92.6	40-140	3.62	25	
n-Nonane	2.58	0.10	mg/Kg wet	5.00		51.6	30-140	4.15	25	
Naphthalene-aliphatic fraction	0.00		mg/Kg wet	5.00			0-5			
2-Methylnaphthalene-aliphatic fraction	0.00		mg/Kg wet	5.00			0-5			
Surrogate: Chlorooctadecane (COD)	3.33		mg/Kg wet	5.00		66.6	40-140			
Surrogate: o-Terphenyl (OTP)	4.56		mg/Kg wet	5.00		91.2	40-140			
Surrogate: 2-Bromonaphthalene	4.98		mg/Kg wet	5.00		99.6	40-140			
Surrogate: 2-Fluorobiphenyl	4.96		mg/Kg wet	5.00		99.2	40-140			



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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008114 - SW-846 3050B</b>										
<b>Blank (B008114-BLK1)</b> Prepared: 12/07/09 Analyzed: 12/08/09										
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	5.0	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
<b>LCS (B008114-BS1)</b> Prepared: 12/07/09 Analyzed: 12/08/09										
Arsenic	165	5.0	mg/Kg wet	158		104	81.6-118.4			
Barium	367	10	mg/Kg wet	348		105	80.7-119.3			
Cadmium	180	0.50	mg/Kg wet	187		96.2	82.4-117.6			
Chromium	85.7	1.0	mg/Kg wet	89.4		95.9	78.8-120.7			
Lead	165	1.5	mg/Kg wet	172		96.1	79.1-120.3			
Selenium	143	10	mg/Kg wet	148		96.5	78.4-120.9			
Silver	65.9	1.0	mg/Kg wet	65.9		100	66.2-133.6			
<b>LCS (B008114-BS2)</b> Prepared: 12/07/09 Analyzed: 12/08/09										
Lead	0.705	0.75	mg/Kg wet	0.749		94.1	79.1-120.3			
<b>LCS Dup (B008114-BSD1)</b> Prepared: 12/07/09 Analyzed: 12/08/09										
Arsenic	151	5.0	mg/Kg wet	158		95.9	81.6-118.4	8.52	30	
Barium	327	10	mg/Kg wet	348		94.1	80.7-119.3	11.4	30	
Cadmium	170	0.50	mg/Kg wet	187		91.0	82.4-117.6	5.49	30	
Chromium	85.7	1.0	mg/Kg wet	89.4		95.8	78.8-120.7	0.0464	30	
Lead	150	1.5	mg/Kg wet	172		87.2	79.1-120.3	9.59	30	
Selenium	134	10	mg/Kg wet	148		90.8	78.4-120.9	6.01	30	
Silver	58.0	1.0	mg/Kg wet	65.9		87.9	66.2-133.6	12.8	30	
<b>Duplicate (B008114-DUP1)</b> Source: 09L0183-05 Prepared: 12/07/09 Analyzed: 12/08/09										
Arsenic	ND	2.8	mg/Kg dry			ND		NC	35	
Barium	ND	5.5	mg/Kg dry			ND		NC	35	
Cadmium	ND	0.28	mg/Kg dry			ND		NC	35	R-04
Chromium	4.96	0.55	mg/Kg dry			5.06		2.08	35	
Lead	3.63	0.83	mg/Kg dry			2.66		30.7	35	
Selenium	ND	5.5	mg/Kg dry			ND		NC	35	
Silver	ND	0.55	mg/Kg dry			ND		NC	35	
<b>Matrix Spike (B008114-MS1)</b> Source: 09L0183-05 Prepared: 12/07/09 Analyzed: 12/08/09										
Arsenic	27.6	2.7	mg/Kg dry	27.3	0.891	97.6	75-125			
Barium	33.4	5.5	mg/Kg dry	27.3	5.22	103	75-125			
Cadmium	25.5	0.27	mg/Kg dry	27.3	0.106	92.8	75-125			
Chromium	32.4	0.55	mg/Kg dry	27.3	5.06	99.9	75-125			
Lead	28.3	0.82	mg/Kg dry	27.3	2.66	93.8	75-125			
Selenium	25.3	5.5	mg/Kg dry	27.3	ND	92.5	75-125			
Silver	24.9	0.55	mg/Kg dry	27.3	ND	91.1	75-125			





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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008170 - SW-846 7471A</b>										
<b>Blank (B008170-BLK1)</b>					Prepared: 12/08/09 Analyzed: 12/09/09					
Mercury	ND	0.025	mg/Kg wet							
<b>LCS (B008170-BS1)</b>					Prepared: 12/08/09 Analyzed: 12/09/09					
Mercury	1.01	0.025	mg/Kg wet	1.04		97.0	66-132			
<b>LCS Dup (B008170-BSD1)</b>					Prepared: 12/08/09 Analyzed: 12/09/09					
Mercury	1.03	0.025	mg/Kg wet	1.04		98.9	66-132	1.98	30	
<b>Duplicate (B008170-DUP1)</b>					Source: 09L0183-05 Prepared: 12/08/09 Analyzed: 12/09/09					
Mercury	ND	0.023	mg/Kg dry		ND			NC	35	
<b>Matrix Spike (B008170-MS1)</b>					Source: 09L0183-05 Prepared: 12/08/09 Analyzed: 12/09/09					
Mercury	0.464	0.021	mg/Kg dry	0.423	ND	110	75-125			
<b>Matrix Spike Dup (B008170-MSD1)</b>					Source: 09L0183-05 Prepared: 12/08/09 Analyzed: 12/09/09					
Mercury	0.462	0.021	mg/Kg dry	0.417	ND	111	75-125	0.271	35	
<b>Batch B008172 - SW-846 7471A</b>										
<b>Blank (B008172-BLK1)</b>					Prepared: 12/08/09 Analyzed: 12/09/09					
Mercury	ND	0.025	mg/Kg							
<b>LCS (B008172-BS1)</b>					Prepared: 12/08/09 Analyzed: 12/09/09					
Mercury	1.01	0.025	mg/Kg	1.04		97.0	66-132			
<b>LCS Dup (B008172-BSD1)</b>					Prepared: 12/08/09 Analyzed: 12/09/09					
Mercury	1.03	0.025	mg/Kg	1.04		98.9	66-132	1.98	30	
<b>Duplicate (B008172-DUP1)</b>					Source: 09L0183-05 Prepared: 12/08/09 Analyzed: 12/09/09					
Mercury	ND	0.021	mg/Kg		ND			NC	35	
<b>Matrix Spike (B008172-MS1)</b>					Source: 09L0183-05 Prepared: 12/08/09 Analyzed: 12/09/09					
Mercury	0.423	0.019	mg/Kg	0.386	ND	110	75-125			
<b>Matrix Spike Dup (B008172-MSD1)</b>					Source: 09L0183-05 Prepared: 12/08/09 Analyzed: 12/09/09					
Mercury	0.422	0.019	mg/Kg	0.381	ND	111	75-125	0.271	35	



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**QUALITY CONTROL**

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008107 - SW-846 9014</b>										
<b>Blank (B008107-BLK1)</b> Prepared & Analyzed: 12/07/09										
Reactive Cyanide	ND	4.0	mg/Kg							
<b>Batch B008109 - SW-846 9030A</b>										
<b>Blank (B008109-BLK1)</b> Prepared & Analyzed: 12/07/09										
Reactive Sulfide	ND	20	mg/Kg							
<b>Batch B008166 - SM18-20 2510B</b>										
<b>Blank (B008166-BLK1)</b> Prepared & Analyzed: 12/07/09										
Specific conductance	ND	2.0	µmhos/cm							
<b>LCS (B008166-BS1)</b> Prepared & Analyzed: 12/07/09										
Specific conductance	130	2.0	µmhos/cm	147		85.2	83-108			
<b>LCS Dup (B008166-BSD1)</b> Prepared & Analyzed: 12/07/09										
Specific conductance	120	2.0	µmhos/cm	147		83.8	83-108	1.68		
<b>Duplicate (B008166-DUP1)</b> Source: 09L0183-02 Prepared & Analyzed: 12/07/09										
Specific conductance	37	2.0	µmhos/cm		37			1.26	18.8	

## FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
R-04	Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-19	Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.
Z-01	Sample contamination consists of heavy residual hydrocarbons similar to asphalt.

Certified Analyses included in this Report

CERTIFICATIONS

Analyte	Certifications
<i>MADEP-EPH-04-1.1 in Soil</i>	
C9-C18 Aliphatics	CT,NC,WA
C19-C36 Aliphatics	CT,NC,WA
Unadjusted C11-C22 Aromatics	CT,NC,WA
C11-C22 Aromatics	CT,NC,WA
Accenaphthene	CT,NC,WA
Accenaphthylene	CT,NC,WA
Anthracene	CT,NC,WA
Benzo(a)anthracene	CT,NC,WA
Benzo(a)pyrene	CT,NC,WA
Benzo(b)fluoranthene	CT,NC,WA
Benzo(g,h,i)perylene	CT,NC,WA
Benzo(k)fluoranthene	CT,NC,WA
Chrysene	CT,NC,WA
Dibenz(a,b)anthracene	CT,NC,WA
Fluoranthene	CT,NC,WA
Fluorene	CT,NC,WA
Indeno(1,2,3-cd)pyrene	CT,NC,WA
2-Methylnaphthalene	CT,NC,WA
Naphthalene	CT,NC,WA
Phenanthrene	CT,NC,WA
Pyrene	CT,NC,WA
<i>SIW-846 1030 in Soil</i>	
Ignitability	NY,NH,CT
<i>SIW-846 6010B in Soil</i>	
Arsenic	CT,NH,NY
Barium	CT,NH,NY
Cadmium	CT,NH,NY
Chromium	CT,NH,NY
Lead	CT,NH,NY,AIHA
Selenium	CT,NH,NY
Silver	CT,NH,NY
<i>SIW-846 7471A in Product/Solid</i>	
Mercury	CT,NH,NY
<i>SIW-846 7471A in Soil</i>	
Mercury	CT,NH,NY
<i>SIW-846 8082 in Soil</i>	
Aroclor-1016	CT,NH,NY
Aroclor-1016 [2C]	CT,NH,NY
Aroclor-1221	CT,NH,NY
Aroclor-1221 [2C]	CT,NH,NY
Aroclor-1232	CT,NH,NY
Aroclor-1232 [2C]	CT,NH,NY
Aroclor-1242	CT,NH,NY
Aroclor-1242 [2C]	CT,NH,NY
Aroclor-1248	CT,NH,NY



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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8082 in Soil</i>	
Aroclor-1248 [2C]	CT,NH,NY
Aroclor-1254	CT,NH,NY
Aroclor-1254 [2C]	CT,NH,NY
Aroclor-1260	CT,NH,NY
Aroclor-1260 [2C]	CT,NH,NY
<i>SW-846 8260B in Soil</i>	
Acetone	CT,NH,NY
Benzene	CT,NH,NY
Bromobenzene	NH,NY
Bromochloromethane	NH,NY
Bromodichloromethane	CT,NH,NY
Bromoform	CT,NH,NY
Bromomethane	CT,NH,NY
2-Butanone (MEK)	CT,NH,NY
n-Butylbenzene	CT,NH,NY
sec-Butylbenzene	CT,NH,NY
tert-Butylbenzene	CT,NH,NY
Carbon Disulfide	CT,NH,NY
Carbon Tetrachloride	CT,NH,NY
Chlorobenzene	CT,NH,NY
Chlorodibromomethane	CT,NH,NY
Chloroethane	CT,NH,NY
Chloroform	CT,NH,NY
Chloromethane	CT,NH,NY
2-Chlorotoluene	CT,NH,NY
4-Chlorotoluene	CT,NH,NY
Dibromomethane	NH,NY
1,2-Dichlorobenzene	CT,NH,NY
1,3-Dichlorobenzene	CT,NH,NY
1,4-Dichlorobenzene	CT,NH,NY
Dichlorodifluoromethane (Freon 12)	NY
1,1-Dichloroethane	CT,NH,NY
1,2-Dichloroethane	CT,NH,NY
1,1-Dichloroethylene	CT,NH,NY
cis-1,2-Dichloroethylene	CT,NH,NY
trans-1,2-Dichloroethylene	CT,NH,NY
1,2-Dichloropropane	CT,NH,NY
1,3-Dichloropropane	NH,NY
2,2-Dichloropropane	NH,NY
1,1-Dichloropropene	NH,NY
cis-1,3-Dichloropropene	CT,NH,NY
trans-1,3-Dichloropropene	CT,NH,NY
Ethylbenzene	CT,NH,NY
Hexachlorobutadiene	NH,NY
2-Hexanone (MBK)	CT,NH,NY
Isopropylbenzene (Cumene)	CT,NH,NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260B in Soil</i>	
Methylene Chloride	CT,NH,NY
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY
Styrene	CT,NH,NY
1,1,1,2-Tetrachloroethane	CT,NH,NY
1,1,2,2-Tetrachloroethane	CT,NH,NY
Tetrachloroethylene	CT,NH,NY
Toluene	CT,NH,NY
1,2,4-Trichlorobenzene	NH,NY
1,1,1-Trichloroethane	CT,NH,NY
1,1,2-Trichloroethane	CT,NH,NY
Trichloroethylene	CT,NH,NY
Trichlorofluoromethane (Freon 11)	CT,NH,NY
1,2,3-Trichloropropane	NH,NY
1,2,4-Trimethylbenzene	CT,NH,NY
1,3,5-Trimethylbenzene	CT,NH,NY
Vinyl Chloride	CT,NH,NY
m+p Xylene	CT,NH,NY
o-Xylene	CT,NH,NY
<i>SW-846 8270C in Soil</i>	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Acetophenone	NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH



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Certified Analyses included in this Report

CERTIFICATIONS

Analyte	Certifications
<i>SW-846 8270C in Soil</i>	
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH
<i>SW-846 9014 in Soil</i>	
Reactive Cyanide	NY,CT
<i>SW-846 9030A in Soil</i>	
Reactive Sulfide	CT,NY
<i>SW-846 9045D in Soil</i>	
pH	CT

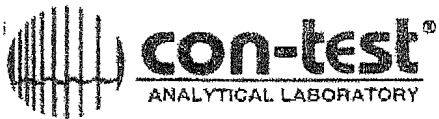


39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2010
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2010
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2010
RI	Rhode Island Department of Health	LAO00112	12/30/2009
NC	North Carolina Div. of Water Quality	652	12/31/2009
NJ	New Jersey DEP	MA007 NELAP	06/30/2010
FL	Florida Department of Health	E871027 NELAP	06/30/2010
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2010
WA	State of Washington Department of Ecology	C2065	03/23/2010





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 Fax: 413-525-6405  
 Email: info@contestlabs.com  
 www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 SPRUCE ST, 2ND FLOOR  
 EAST LONGMEADOW, MA 01028

09L0183

Company Name: Weston + Simpson  
 Address: 5 Centennial Drive  
Pasbody MA 01960  
 Attention: SAM QUATEMI - Kevin Novello  
 Project Location: BEVERE PAPER #  
 Sampled By: SAM QUATEMI

Telephone: (978) 532-1900  
 Project # 209 0037  
 Client PO # TOWN OF BEVERE

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Email: novellok@wsiinc.com  
 Email: quatemis@wsiinc.com  
 Format:  EXCEL  PDF  GIS KEY  OTHER

Proposal Provided? (For Billing purposes)  yes  no  
 State Form Required?  yes  no

Z	10	10	10	10	10	10	10	10	10			# of containers
M/B	1	1	1	1	1	1	1	1	1			**Preservation
V	A	D	A	A	A	A	A	A	A			-Cont. Code
ANALYSIS REQUESTED												
VOCs 8028 8029 PCBs 8028 8029 TPH 8015 8016 8017 PCBs & Metals PCBs 8028 Reactive Sulfide + Sulfate Volatilities 1010 used Conductivity 8045 Conductivity 100.1												
-Cont. Code: A=amber glass G=glass P=plastic ST=sterile V=vial S=summary can T=regular bag O=Other												

Field ID	Sample Description	Lab #	Date Sampled		Comp-osite	Grab	*Matrix Code	Conc. Code	Analysis										Client Comments:				
			Start Date/Time	Stop Date/Time					VOCs	8028	8029	TPH	8015	8016	8017	PCBs & Metals	PCBs 8028	PCBs 8029		Reactive Sulfide + Sulfate	Volatilities 1010 used	Conductivity 8045	Conductivity 100.1
	WSE 4 0-5	01	12/3/09	330		V	S U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	* Please hold to further communication @ Ben MS/MS for Metals only please call Sam or Kevin
	SB 11 1-3	02	12/3/09	145		V	S U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	SB 11 3-4	03	"	145		V	S U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	SB 10 2-4	04	"	1310		V	S U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	C3 5-10	05	"	350		V	S U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	<del>MS (5-10) *</del>	<del>06</del>	<del>"</del>	<del>"</del>		<del>V</del>	<del>S U</del>	<del>X</del>															
	<del>MS (5-10) *</del>	<del>07</del>	<del>"</del>	<del>"</del>		<del>V</del>	<del>S U</del>	<del>X</del>															

Laboratory Comments: Client call Trip blanks sent but not on COC. Also confirm that client wants both TPH 8100 and 8015. @ 12/1.  
Per client run 800 + 8015 and analyze trip blanks. MA 12/7/09

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:  
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) <u>[Signature]</u>	Date/Time: 12/4/09 11:00	Turnaround ** <input type="checkbox"/> 7-Day <input type="checkbox"/> 10-Day <input checked="" type="checkbox"/> Other <u>ST</u> <b>RUSH*</b> <input type="checkbox"/> *24-Hr <input type="checkbox"/> *48-Hr <input type="checkbox"/> *72-Hr <input type="checkbox"/> *4-Day * Require lab approval	Detection Limit Requirements Regulations? <u>TCF</u> Data Enhancement Project/RCP? <input type="checkbox"/> Y <input type="checkbox"/> N Special Requirements or DL's: _____	*Matrix Code: GW= groundwater WW= wastewater DW= drinking water A= air S= soil/solid SL= sludge O= other	**Preservation Codes: I= Iced H= HCL M= Methanol N= Nitric Acid S= Sulfuric Acid B= Sodium bisulfate O= Other
Received by: (signature) <u>[Signature]</u>	Date/Time: 12-4-9 11:00				
Relinquished by: (signature) <u>[Signature]</u>	Date/Time: 12-4-9 1527				
Received by: (signature) <u>[Signature]</u>	Date/Time: 12/4/09 1527				

\*\* TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

Dec. 7. 2009 4:16PM

No. 3336 P. 1  
Env. Control Div  
Peabody, MA 01960-791  
Tel: 978-532-1900 Fax: 978-977-0100  
www.weston.com



Fax Letter

December 7, 2009

Con-Test Analytical Laboratory

Attention: Chris Hacl

Subject: Revere Parcel H Chain of Custody modification

Chris,

As I asked on the phone please provide for the changes in the chain of custody relative to the soil samples that I relinquished last Friday for the Revere Parcel H Project:

- Rename the sample with the new code as reported in the attached modified COCs;
- Run EPH analysis for the Sample WSE-1 0-5 instead of TPH;
- Run EPH analysis for the Sample SB-8 2-4 instead of TPH;
- Run EPH analysis for the Sample WSE-2 2-4 instead of TPH;
- Do not run VOCS 8260B for the C3 sample;
- Do not run any MS/MSD.

Please see attached modified COCs.

Furthermore, additional sample jars for VOC dry weight will be sent tomorrow morning together with the pick-up scheduled by Loren McGrath.

Please contact me for any further questions.

Thanks  
Sam Quattrini  
Tel.: 978-532-1900 ext. 4074  
Cell.: 978-265-9328  
Fax: 978-977-0100

# of pages: 4 including cover

<b>Massachusetts</b> PWA Continental Drive (MCO) Peabody, MA 01960-7902 107 Fenderson Drive, Suite 990 Peabody, MA 01964 225 New Boston Street Woburn, MA 01891	<b>Connecticut</b> 370 Danvers Road New Britain, CT 06052	<b>Rhode Island</b> 2770 Toppan Avenue Cranston, RI 02916	<b>New Hampshire</b> 1001 International Drive Suite 101 Peterborough, NH 03101	<b>Vermont</b> PO Box 180 York, VT 05785	<b>Virginia</b> 88 South Main Street Suite 2 Waterbury, VT 05676	<b>New York</b> DOT Manhattan Road 9/29/04 Poughkeepsie, NY 12603	<b>Florida</b> 1800 Main Street Suite 700 Coral Gables, FL 33134
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When it's essential... it's Weston's Specialty



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39 Spruce St.  
East Longmeadow, MA.  
01028  
P: 413-525-2332  
F: 413-525-6405

**Sample Receipt Checklist**

CLIENT NAME: West Samp RECEIVED BY: CFC DATE: 12/4/09

1) Was the chain(s) of custody relinquished and signed?  Yes  No

2) Does the chain agree with the samples?  Yes  No  
If not, explain:

3) Are all the samples in good condition?  Yes  No  
If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)?  Yes  No

Temperature °C by Temp blank 3.0°C Temperature °C by Temp gun \_\_\_\_\_

5) Are there Dissolved samples for the lab to filter? Yes  No   
Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Are there any samples "On Hold"? Yes  No  Stored where:

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes  No   
Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

8) Location where samples are stored:

Permission to subcontract samples? Yes  No   
(Walk-in clients only) if not already approved  
Client Signature: \_\_\_\_\_

**Containers sent in to Con-Test**

	# of containers		# of containers
1 Liter Amber		8 oz clear jar	
500 mL Amber		4 oz clear jar	
250 mL Amber (8oz amber)	10	2 oz clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	24	Brass Sleeves	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Summa Cans	
Flashpoint bottle		Regulators	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl \_\_\_\_\_ # Methanol 8  
# Bisulfate \_\_\_\_\_ # DI Water \_\_\_\_\_ Time and Date Frozen: \_\_\_\_\_  
# Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

Do all samples have the proper pH: Yes No N/A

**MADEP MCP Analytical Method Report Certification Form**

Laboratory Name: Con-Test Analytical Laboratory Project #: 09L0183

Project Location: Revere Parcel H MADEP RTN1<sup>1</sup>:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]  
09L0183-01

Sample Matrices: Soil

MCP SW-846 Methods Used	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M <sup>2</sup> ( )

As specified in MADEP Compendium of Analytical Methods.	8082 ( )	8021B ( )	EPH (X)	7000 S <sup>3</sup> ( )	7196A ( )
---	----------	-----------	---------	-------------------------	-----------

(check all that apply) 1 List Release Tracking Number (RTN), if known  
2 M -- SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method  
3 S -- SW-846 Methods 7000 Series List individual method and analyte

**An affirmative response to questions A, B, C and D is required for "Presumptive Certainty" status**

<b>A</b>	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>B</b>	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>C</b>	Does the data included in this report meet all the analytical requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>D</b>	VPH and EPH Methods only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

**A response to questions E and F below is required for "Presumptive Certainty" status**

<b>E</b>	Were all analytical QC performance standards and recommendations for the specified methods achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>F</b>	Were results for all analyte-list compounds/elements for the specified method(s) reported?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

<sup>1</sup>All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

**I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.**

Signature:  Position: Laboratory Manager

Printed Name: Daren J. Damboragian Date: 12/11/09

**Gilson Aspec XL4 Fractionation Check**

Silica Gel Lot: S212-49  
 Frac Check Lot: 110309 PJG  
 Hexane Lot: 49190  
 DCM Lot: DA121  
 Acetone Lot: 49170

Vendor: PHENOMENEX  
 Amount of DCM Collected: 5000 µL  
 Amount of Hexane Collected: 1800 µL

Data File: 110409 D1104015/D1104016

Compound	Conc. (ppm)	Rec.	% Rec.	Limits
Naphthalene	50	34.608	69%	40-140
2-Methylnaphthalene	50	36.758	74%	40-140
Acenaphthalene	50	39.091	78%	40-140
Acenaphthene	50	37.140	74%	40-140
Fluorene	50	40.427	81%	40-140
Phenanthrene	50	42.167	84%	40-140
Anthracene	50	45.050	90%	40-140
o-Terphenyl (surr.)	50	41.987	84%	40-140
Fluoranthene	50	45.589	91%	40-140
Pyrene	50	47.349	95%	40-140
Benzo(a)anthracene	50	47.330	95%	40-140
Chrysene	50	48.575	97%	40-140
Benzo(b)fluoranthene	50	48.579	97%	40-140
Benzo(k)fluoranthene	50	47.442	95%	40-140
Benzo(a)pyrene	50	46.136	92%	40-140
Indeno(123cd)pyrene	50	45.379	91%	40-140
Dibenzo(ah)anthracene	50	46.058	92%	40-140
Benzo(ghi)perylene	50	46.349	93%	40-140
C9	50	26.223	52%	30-140
C10	50	31.746	63%	40-140
C12	50	34.423	69%	40-140
C14	50	39.479	79%	40-140
C16	50	43.992	88%	40-140
C18	50	47.810	96%	40-140
C19	50	48.635	97%	40-140
C20	50	50.586	101%	40-140
1-Chloro-octadecane (surr.)	50	38.510	77%	40-140
C22	50	51.286	103%	40-140
C24	50	51.409	103%	40-140
C26	50	53.537	107%	40-140
C28	50	52.366	105%	40-140
C30	50	52.300	105%	40-140
C36	50	51.587	103%	40-140
<b>Fractionation Surrogates</b>				
2-Fluorobiphenyl	50	48.999	98%	40-140
2-Bromonaphthalene	50	46.149	92%	40-140
Aliphatic bleed thru			% (<5%)	
Naphthalene		0		0.000
2-Methylnaphthalene		0		0.000



---

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

December 14, 2009

Sam Quattrini  
Weston & Sampson Engineers MA  
5 Centennial Drive  
Peabody, MA 01960

Project Location: Revere Parcel H  
Client Job Number:  
Project Number: 2090037  
Laboratory Work Order Number: 09L0184

Enclosed are results of analyses for samples received by the laboratory on December 4, 2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley  
Project Manager



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Weston & Sampson Engineers MA  
 5 Centennial Drive  
 Peabody, MA 01960  
 ATTN: Sam Quatrini

REPORT DATE: 12/14/2009

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2090037

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 09L0184

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Revere Parcel H

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SB 8 2-4	09L0184-01	Soil		MADEP-EPH-04-1.1	
				SM 2540G	
				SM18-20 2510B	
				SW-846 1030	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045D	
				WSE 3 0-5	09L0184-02
SM18-20 2510B					
SW-846 1030					
SW-846 6010B					
SW-846 7471A					
SW-846 8015B					
SW-846 8082					
SW-846 8100 Modified					
SW-846 8260B					
SW-846 8270C					
SW-846 9014					
SW-846 9030A					
SW-846 9045D					
SB 9 1-3	09L0184-03	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1030	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8015B	
				SW-846 8082	
				SW-846 8100 Modified	
				SW-846 8260B	
				SW-846 8270C	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045D	





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Weston & Sampson Engineers MA  
 5 Centennial Drive  
 Peabody, MA 01960  
 ATTN: Sam Quattrini

REPORT DATE: 12/14/2009

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2090037

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 09L0184

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Revere Parcel H

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
C1 5-10	09L0184-04	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1030	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8015B	
				SW-846 8082	
				SW-846 8100 Modified	
				SW-846 8270C	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045D	
				SB 8 4-5	09L0184-05
SW-846 8260B					
WSE 3 2ft	09L0184-06	Soil		SM 2540G	
				SW-846 8260B	
SB 6 0-5	09L0184-07	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1030	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8015B	
				SW-846 8082	
				SW-846 8100 Modified	
				SW-846 8260B	
				SW-846 8270C	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045D	



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Weston & Sampson Engineers MA  
 5 Centennial Drive  
 Peabody, MA 01960  
 ATTN: Sam Quattrini

REPORT DATE: 12/14/2009

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2090037

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 09L0184

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Revere Parcel H

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Dup 1 (SB06 0-5)	09L0184-08	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1030	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8015B	
				SW-846 8082	
				SW-846 8100 Modified	
				SW-846 8260B	
				SW-846 8270C	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045D	
SB 7 0-4	09L0184-09	Soil		SM 2540G	
				SM18-20 2510B	
				SW-846 1030	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8015B	
				SW-846 8082	
				SW-846 8100 Modified	
				SW-846 8260B	
				SW-846 8270C	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045D	
WSE 2 2-4	09L0184-10	Soil		MADEP-EPH-04-1.1	
				SM 2540G	
				SM18-20 2510B	
				SW-846 1030	
				SW-846 6010B	
				SW-846 7471A	
				SW-846 8082	
				SW-846 8260B	
				SW-846 8270C	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045D	
				SW-846 8260B	
SB 7 5ft	09L0184-11	Soil		SM 2540G	
				SW-846 8260B	



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Weston & Sampson Engineers MA  
5 Centennial Drive  
Peabody, MA 01960  
ATTN: Sam Quattrini

REPORT DATE: 12/14/2009

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2090037

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 09L0184

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Revere Parcel H

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
C2 5-10	09L0184-12	Soil		SM 2540G SM18-20 2510B SW-846 1030 SW-846 6010B SW-846 7471A SW-846 8015B SW-846 8082 SW-846 8100 Modified SW-846 8270C SW-846 9014 SW-846 9030A SW-846 9045D	
Trip Blank	09L0184-13	Trip Blank Soil		SM 2540G SW-846 8260B	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED REPORT: (12/14/09) Data set to include renaming of samples -07 (from SB-5 to SB-6), and -08 (from Dup-1 SB12 to Dup-1 SB6).

In method 6010, only RCRA 8 metals were requested and reported.

SW-846 8015B

**Qualifications:**

---

Sample contamination consists of heavy residual hydrocarbons similar to asphalt.

**Analyte & Samples(s) Qualified:**

**Unknown Hydrocarbons (C9-C36)**

09L0184-02[WSE 3 0-5], 09L0184-03[SB 9 1-3], 09L0184-04[C1 5-10], 09L0184-07[SB 6 0-5], 09L0184-08[*Dup 1* (SB06 0-5)], 09L0184-09[SB 7 0-4], 09L0184-12[C2 5-10]

SW-846 8260B

**Qualifications:**

---

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

**Analyte & Samples(s) Qualified:**

**Diisopropyl Ether (DIPE), tert-Butyl Ethyl Ether (TBEE), trans-1,3-Dichloropropene**

B008106-BS1, B008106-BSD1, B008138-BS1, B008138-BSD1, B008138-MS1

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Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

**Analyte & Samples(s) Qualified:**

**trans-1,3-Dichloropropene**

B008138-BS1

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Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.

**Analyte & Samples(s) Qualified:**

**1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Naphthalene**

09L0184-08[*Dup 1* (SB06 0-5)], B008138-MS1

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Matrix spike recovery is outside of control limits. Data validation is not affected since sample result is "not detected" and recovery bias is on the high side for this compound.

**Analyte & Samples(s) Qualified:**

**Chloromethane, Methylene Chloride**

B008138-MS1

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Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:**

**Dichlorodifluoromethane (Freon 12)**

09L0184-01[SB 8 2-4], 09L0184-02[WSE 3 0-5], 09L0184-03[SB 9 1-3], 09L0184-05[SB 8 4-5], 09L0184-06[WSE 3 2ft], 09L0184-07[SB 6 0-5], 09L0184-08[*Dup 1* (SB06 0-5)], 09L0184-09[SB 7 0-4], 09L0184-10[WSE 2 2-4], 09L0184-11[SB 7 5ft], 09L0184-13[*Trip Blank*], B008106-BLK1, B008106-BS1, B008106-BSD1, B008138-BLK1, B008138-BS1, B008138-BSD1, B008138-MS1

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Continuing calibration did not meet method specifications and was biased on the high side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the high side.

**Analyte & Samples(s) Qualified:**

**2-Hexanone (MBK), 4-Methyl-2-pentanone (MIBK), Methylene Chloride**

B008106-BS1, B008106-BSD1, B008138-BS1, B008138-BSD1, B008138-MS1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

**Analyte & Samples(s) Qualified:**

**1,4-Dioxane, Tetrahydrofuran**

09L0184-01[SB 8 2-4], 09L0184-02[WSE 3 0-5], 09L0184-03[SB 9 1-3], 09L0184-05[SB 8 4-5], 09L0184-06[WSE 3 2ft], 09L0184-07[SB 6 0-5], 09L0184-08[*Dup* 1 (SB06 0-5)], 09L0184-09[SB 7 0-4], 09L0184-10[WSE 2 2-4], 09L0184-11[SB 7 5ft], 09L0184-13[*Trip* Blank], B008106-BLK1, B008106-BS1, B008106-BSD1, B008138-BLK1, B008138-BS1, B008138-BSD1, B008138-MS1

SW-846 8270C

**Qualifications:**

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

**Analyte & Samples(s) Qualified:**

**4-Chloroaniline**

B008182-BSD1

Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.

**Analyte & Samples(s) Qualified:**

**2,4-Dinitrophenol**

09L0184-01[SB 8 2-4], 09L0184-02[WSE 3 0-5], 09L0184-03[SB 9 1-3], 09L0184-04[C1 5-10], 09L0184-07[SB 6 0-5], 09L0184-08[*Dup* 1 (SB06 0-5)], 09L0184-09[SB 7 0-4], 09L0184-10[WSE 2 2-4], 09L0184-12[C2 5-10], B008182-BLK1, B008182-BS1, B008182-BSD1

**MADEP-EPH-04-1.1**

SPE cartridge contamination with non-petroleum compounds, if present, is verified by GC/MS in each method blank per extraction batch and excluded from C11-C22 aromatic range fraction in all samples in the batch. No significant modifications were made to the method.

SW-846 8260B

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for "difficult analytes" where recovery control limits somewhere between 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, tert-butyl alcohol, acetone, 1,4-dioxane, vinyl chloride, chloromethane, dichlorodifluoromethane, 2-hexanone, naphthalene, acrylonitrile, 1,2,3-trichloropropane, methylene chloride, n-butylbenzene, and tert-butylbenzene, bromomethane

Duplicate laboratory fortified blank RPDs were all within control limits specified by the method except for "difficult analytes" where RPDs of 50% are used and/or unless otherwise listed in this narrative. Difficult analyte: 1,4-dioxane

SW-846 8270C

Laboratory control sample recoveries for required MCP Data Enhancement 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for "difficult analytes" listed below and/or otherwise listed in this narrative. Difficult analytes for soil LCS - limits between 10 and 180% depending on the compound(see QC summary report for limits): 3,3'-dichlorobenzidine, aniline, 2,4-dinitrophenol, and 4-chloroaniline.

Duplicate laboratory fortified blank RPDs were all less than or equal to 20% for water or 30% for soil except for "difficult analytes" where RPDs of 50% are used and/or otherwise listed below or elsewhere in this narrative. Difficult analytes for soil RPDs: 3,3'-dichlorobenzidine, 4-nitrophenol, and aniline.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson  
Laboratory Director



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 8 2-4

Sampled: 12/3/2009 10:45

Sample ID: 09L0184-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Benzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Bromobenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Bromochloromethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Bromodichloromethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Bromoform	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Bromomethane	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
2-Butanone (MEK)	ND	0.018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
n-Butylbenzene	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
sec-Butylbenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
tert-Butylbenzene	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Carbon Disulfide	ND	0.0026	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Carbon Tetrachloride	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Chlorobenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Chlorodibromomethane	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Chloroethane	ND	0.0088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Chloroform	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Chloromethane	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
2-Chlorotoluene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
4-Chlorotoluene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,2-Dibromoethane (EDB)	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Dibromomethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,2-Dichlorobenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,3-Dichlorobenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,4-Dichlorobenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0088	mg/Kg dry	1	V-05	SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,1-Dichloroethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,2-Dichloroethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,1-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
cis-1,2-Dichloroethylene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
trans-1,2-Dichloroethylene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,2-Dichloropropane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,3-Dichloropropane	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
2,2-Dichloropropane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,1-Dichloropropene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
cis-1,3-Dichloropropene	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
trans-1,3-Dichloropropene	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Diethyl Ether	ND	0.0088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Diisopropyl Ether (DIPE)	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,4-Dioxane	ND	0.044	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Ethylbenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 8 2-4

Sampled: 12/3/2009 10:45

Sample ID: 09L0184-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
2-Hexanone (MBK)	ND	0.044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Isopropylbenzene (Cumene)	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Methylene Chloride	ND	0.0088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Naphthalene	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
n-Propylbenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Styrene	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,1,1,2-Tetrachloroethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,1,2,2-Tetrachloroethane	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Tetrachloroethylene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Tetrahydrofuran	ND	0.0044	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Toluene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,2,3-Trichlorobenzene	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,2,4-Trichlorobenzene	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,1,1-Trichloroethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,1,2-Trichloroethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Trichloroethylene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,2,3-Trichloropropane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,2,4-Trimethylbenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
1,3,5-Trimethylbenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
Vinyl Chloride	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
m+p Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF
o-Xylene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 12:38	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	102	70-130	12/7/09 12:38
Toluene-d8	96.4	70-130	12/7/09 12:38
4-Bromofluorobenzene	95.8	70-130	12/7/09 12:38



Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 8 2-4

Sampled: 12/3/2009 10:45

Sample ID: 09L0184-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Bis(2-Ethylhexyl)phthalate	0.37	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1	V-19	SW-846 8270C	12/8/09	12/10/09 14:06	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Fluoranthene	0.21	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Indeno(1,2,3-cd)pyrene	0.24	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 8 2-4

Sampled: 12/3/2009 10:45

Sample ID: 09L0184-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Phenanthrene	0.21	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
Pyrene	0.25	0.18	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:06	BGL

Surrogates	% Recovery	Recovery Limits	Flag
2-Fluorophenol	68.3	30-130	
Phenol-d6	69.9	30-130	
Nitrobenzene-d5	66.4	30-130	
2-Fluorobiphenyl	70.0	30-130	
2,4,6-Tribromophenol	74.4	30-130	
Terphenyl-d14	70.3	30-130	



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 8 2-4

Sampled: 12/3/2009 10:45

Sample ID: 09L0184-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:16	JB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:16	JB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:16	JB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:16	JB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:16	JB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:16	JB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:16	JB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:16	JB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:16	JB

Surrogates	% Recovery	Recovery Limits	Flag
Decachlorobiphenyl [1]	79.3	30-150	12/10/09 17:16
Decachlorobiphenyl [2]	73.2	30-150	12/10/09 17:16
Tetrachloro-m-xylene [1]	84.3	30-150	12/10/09 17:16
Tetrachloro-m-xylene [2]	81.5	30-150	12/10/09 17:16



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 8 2-4

Sampled: 12/3/2009 10:45

Sample ID: 09L0184-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
C19-C36 Aliphatics	16	11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Unadjusted C11-C22 Aromatics	18	11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
C11-C22 Aromatics	14	11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Acenaphthene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Acenaphthylene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Anthracene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Benzo(a)anthracene	0.30	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Benzo(a)pyrene	0.31	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Benzo(b)fluoranthene	0.44	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Benzo(g,h,i)perylene	0.21	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Benzo(k)fluoranthene	0.15	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Chrysene	0.38	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Dibenz(a,h)anthracene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Fluoranthene	0.60	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Fluorene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Indeno(1,2,3-cd)pyrene	0.21	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
2-Methylnaphthalene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Naphthalene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Phenanthrene	0.34	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM
Pyrene	0.70	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 14:43	CJM

Surrogates	% Recovery	Recovery Limits	Flag
Chlorooctadecane (COD)	88.4	40-140	12/10/09 14:43
o-Terphenyl (OTP)	96.8	40-140	12/10/09 14:43
2-Bromonaphthalene	106	40-140	12/10/09 14:43
2-Fluorobiphenyl	113	40-140	12/10/09 14:43



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 8 2-4

Sampled: 12/3/2009 10:45

Sample ID: 09L0184-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.2	2.7	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:27	OP
Barium	16	5.4	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:26	OP
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:27	OP
Chromium	7.3	0.54	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:27	OP
Lead	29	0.82	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:27	OP
Mercury	0.027	0.016	mg/Kg dry	1		SW-846 7471A	12/8/09	12/9/09 14:25	MPF
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:27	OP
Silver	ND	0.54	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:26	OP



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 8 2-4

Sampled: 12/3/2009 10:45

Sample ID: 09L0184-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ignitability	Absent		present/absent	1		SW-846 1030	12/6/09	12/6/09 12:40	VAK
pH @21.1°C	7.2		pH Units	1		SW-846 9045D	12/7/09	12/7/09 12:00	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	12/7/09	12/7/09 13:45	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	12/7/09	12/7/09 13:45	LL
Specific conductance	10	2.0	µmhos/cm	1		SM18-20 2510B	12/7/09	12/7/09 14:30	SBP
% Solids	92.0		% Wt	1		SM 2540G	12/8/09	12/8/09 16:03	FWD



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 3 0-5

Sampled: 12/3/2009 10:00

Sample ID: 09L0184-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Benzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Bromobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Bromochloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Bromodichloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Bromoform	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Bromomethane	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
2-Butanone (MEK)	ND	0.022	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
n-Butylbenzene	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
sec-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
tert-Butylbenzene	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Carbon Disulfide	ND	0.0033	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Carbon Tetrachloride	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Chlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Chlorodibromomethane	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Chloroethane	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Chloroform	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Chloromethane	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
2-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
4-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,2-Dibromoethane (EDB)	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Dibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,2-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,3-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,4-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,1-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,2-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,1-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
cis-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
trans-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,3-Dichloropropane	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
2,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,1-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
cis-1,3-Dichloropropene	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
trans-1,3-Dichloropropene	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Diethyl Ether	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Diisopropyl Ether (DIPE)	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,4-Dioxane	ND	0.055	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Ethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 3 0-5

Sampled: 12/3/2009 10:00

Sample ID: 09L0184-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
2-Hexanone (MBK)	ND	0.055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Isopropylbenzene (Cumene)	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Methylene Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Naphthalene	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
n-Propylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Styrene	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,1,1,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,1,2,2-Tetrachloroethane	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Tetrachloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Tetrahydrofuran	ND	0.0055	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Toluene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,2,3-Trichlorobenzene	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,2,4-Trichlorobenzene	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,1,1-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,1,2-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Trichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,2,3-Trichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,2,4-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
1,3,5-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
Vinyl Chloride	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
m+p Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF
o-Xylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 13:04	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	108	70-130	
Toluene-d8	95.3	70-130	
4-Bromofluorobenzene	96.6	70-130	





39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 3 0-5

Sampled: 12/3/2009 10:00

Sample ID: 09L0184-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Aniline	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Bis(2-Ethylhexyl)phthalate	0.45	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Butylbenzylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
4-Chloroaniline	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Dimethylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
2,4-Dinitrophenol	ND	0.73	mg/Kg dry	1	V-19	SW-846 8270C	12/8/09	12/10/09 14:42	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Di-n-octylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 3 0-5

Sampled: 12/3/2009 10:00

Sample ID: 09L0184-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
4-Nitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 14:42	BGL

Surrogates	% Recovery	Recovery Limits	Flag
2-Fluorophenol	71.3	30-130	
Phenol-d6	73.1	30-130	
Nitrobenzene-d5	73.0	30-130	
2-Fluorobiphenyl	75.9	30-130	
2,4,6-Trihromophenol	76.5	30-130	
Terphenyl-d14	77.8	30-130	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 3 0-5

Sampled: 12/3/2009 10:00

Sample ID: 09L0184-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:31	JB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:31	JB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:31	JB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:31	JB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:31	JB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:31	JB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:31	JB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:31	JB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:31	JB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	78.9		30-150						12/10/09 17:31
Decachlorobiphenyl [2]	72.2		30-150						12/10/09 17:31
Tetrachloro-m-xylene [1]	84.4		30-150						12/10/09 17:31
Tetrachloro-m-xylene [2]	81.0		30-150						12/10/09 17:31



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 3 0-5

Sampled: 12/3/2009 10:00

Sample ID: 09L0184-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH as Diesel	33	18	mg/Kg dry	1		SW-846 8100 Modified	12/8/09	12/10/09 12:15	CJM
Gasoline	ND	18	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 12:15	CJM
Kerosene/Jet Fuel	ND	18	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 12:15	CJM
Fuel Oil #2	ND	18	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 12:15	CJM
Fuel Oil #6	ND	18	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 12:15	CJM
Unknown Hydrocarbons (C9-C36)	33	18	mg/Kg dry	1	Z-01	SW-846 8015B	12/8/09	12/10/09 12:15	CJM
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	81.3		40-140					12/10/09 12:15	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 3 0-5

Sampled: 12/3/2009 10:00

Sample ID: 09L0184-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:31	OP
Barium	ND	5.5	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:31	OP
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:31	OP
Chromium	4.2	0.55	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:31	OP
Lead	2.1	0.83	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:31	OP
Mercury	0.020	0.016	mg/Kg dry	1		SW-846 7471A	12/8/09	12/9/09 14:27	MPF
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:31	OP
Silver	ND	0.55	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:31	OP



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 3 0-5

Sampled: 12/3/2009 10:00

Sample ID: 09L0184-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ignitability	Absent		present/absent	1		SW-846 1030	12/6/09	12/6/09 12:40	VAK
pH @20.4°C	6.3		pH Units	1		SW-846 9045D	12/7/09	12/7/09 12:00	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	12/7/09	12/7/09 13:45	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	12/7/09	12/7/09 13:45	LL
Specific conductance	23	2.0	µmhos/cm	1		SM18-20 2510B	12/7/09	12/7/09 14:30	SBP
% Solids	90.6		% Wt	1		SM 2540G	12/8/09	12/8/09 16:03	FWD



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 9 1-3

Sampled: 12/3/2009 11:40

Sample ID: 09L0184-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Benzene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Bromobenzene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Bromochloromethane	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Bromodichloromethane	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Bromoform	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Bromomethane	ND	0.0049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
2-Butanone (MEK)	ND	0.019	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
n-Butylbenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
sec-Butylbenzene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
tert-Butylbenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Carbon Disulfide	ND	0.0029	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Carbon Tetrachloride	ND	0.0049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Chlorobenzene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Chlorodibromomethane	ND	0.00049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Chloroethane	ND	0.0097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Chloroform	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Chloromethane	ND	0.0049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
2-Chlorotoluene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
4-Chlorotoluene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,2-Dibromoethane (EDB)	ND	0.00049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Dibromomethane	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,2-Dichlorobenzene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,3-Dichlorobenzene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,4-Dichlorobenzene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0097	mg/Kg dry	1	V-05	SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,1-Dichloroethane	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,2-Dichloroethane	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,1-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
cis-1,2-Dichloroethylene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
trans-1,2-Dichloroethylene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,2-Dichloropropane	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,3-Dichloropropane	ND	0.00049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
2,2-Dichloropropane	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,1-Dichloropropene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
cis-1,3-Dichloropropene	ND	0.0049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
trans-1,3-Dichloropropene	ND	0.00049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Diethyl Ether	ND	0.0097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Diisopropyl Ether (DIPE)	ND	0.00049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,4-Dioxane	ND	0.049	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Ethylbenzene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 9 1-3

Sampled: 12/3/2009 11:40

Sample ID: 09L0184-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
2-Hexanone (MBK)	ND	0.049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Isopropylbenzene (Cumene)	ND	0.0049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Methylene Chloride	ND	0.0097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Naphthalene	ND	0.0049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
n-Propylbenzene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Styrene	ND	0.0049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,1,1,2-Tetrachloroethane	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,1,2,2-Tetrachloroethane	ND	0.00049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Tetrachloroethylene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Tetrahydrofuran	ND	0.0049	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Toluene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,2,3-Trichlorobenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,2,4-Trichlorobenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,1,1-Trichloroethane	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,1,2-Trichloroethane	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Trichloroethylene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,2,3-Trichloropropane	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,2,4-Trimethylbenzene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
1,3,5-Trimethylbenzene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
Vinyl Chloride	ND	0.0049	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
m+p Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF
o-Xylene	ND	0.00097	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 17:02	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	121	70-130	12/7/09 17:02
Toluene-d8	94.5	70-130	12/7/09 17:02
4-Bromofluorobenzene	94.2	70-130	12/7/09 17:02



Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 9 1-3

Sampled: 12/3/2009 11:40

Sample ID: 09L0184-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Acenaphthylene	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Acetophenone	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Aniline	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Anthracene	2.3	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Benzo(a)anthracene	5.5	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Benzo(a)pyrene	5.0	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Benzo(b)fluoranthene	6.0	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Benzo(g,h,i)perylene	2.4	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Benzo(k)fluoranthene	2.0	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Bis(2-chloroethoxy)methane	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Bis(2-chloroethyl)ether	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Bis(2-chloroisopropyl)ether	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Bis(2-Ethylhexyl)phthalate	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
4-Bromophenylphenylether	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Butylbenzylphthalate	ND	6.9	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
4-Chloroaniline	ND	6.9	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
2-Chloronaphthalene	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
2-Chlorophenol	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Chrysene	5.4	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Dibenz(a,h)anthracene	1.8	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Dibenzofuran	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Di-n-butylphthalate	5.1	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
1,2-Dichlorobenzene	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
1,3-Dichlorobenzene	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
1,4-Dichlorobenzene	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
3,3-Dichlorobenzidine	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
2,4-Dichlorophenol	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Diethylphthalate	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
2,4-Dimethylphenol	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Dimethylphthalate	ND	6.9	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
2,4-Dinitrophenol	ND	6.9	mg/Kg dry	5	V-19	SW-846 8270C	12/8/09	12/10/09 15:18	BGL
2,4-Dinitrotoluene	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
2,6-Dinitrotoluene	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Di-n-octylphthalate	ND	6.9	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Fluoranthene	10	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Fluorene	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Hexachlorobenzene	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Hexachlorobutadiene	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Hexachloroethane	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Indeno(1,2,3-cd)pyrene	4.5	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Isophorone	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
2-Methylnaphthalene	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 9 1-3

Sampled: 12/3/2009 11:40

Sample ID: 09L0184-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
3/4-Methylphenol	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Naphthalene	ND	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Nitrobenzene	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
2-Nitrophenol	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
4-Nitrophenol	ND	6.9	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Pentachlorophenol	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Phenanthrene	9.2	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Phenol	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
Pyrene	8.8	1.8	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
1,2,4-Trichlorobenzene	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
2,4,5-Trichlorophenol	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL
2,4,6-Trichlorophenol	ND	3.6	mg/Kg dry	5		SW-846 8270C	12/8/09	12/10/09 15:18	BGL

Surrogates	% Recovery	Recovery Limits	Flag
2-Fluorophenol	67.3	30-130	
Phenol-d6	66.0	30-130	
Nitrobenzene-d5	66.9	30-130	
2-Fluorobiphenyl	70.1	30-130	
2,4,6-Tribromophenol	66.2	30-130	
Terphenyl-d14	75.4	30-130	

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 9 1-3

Sampled: 12/3/2009 11:40

Sample ID: 09L0184-03

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:46	JB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:46	JB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:46	JB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:46	JB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:46	JB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:46	JB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:46	JB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:46	JB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 17:46	JB

Surrogates	% Recovery	Recovery Limits	Flag
Decachlorobiphenyl [1]	73.8	30-150	
Decachlorobiphenyl [2]	87.8	30-150	
Tetrachloro-m-xylene [1]	74.4	30-150	
Tetrachloro-m-xylene [2]	75.7	30-150	



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 9 1-3

Sampled: 12/3/2009 11:40

Sample ID: 09L0184-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH as Diesel	950	180	mg/Kg dry	10		SW-846 8100 Modified	12/8/09	12/10/09 10:08	CJM
Gasoline	ND	180	mg/Kg dry	10		SW-846 8015B	12/8/09	12/10/09 10:08	CJM
Kerosene/Jet Fuel	ND	180	mg/Kg dry	10		SW-846 8015B	12/8/09	12/10/09 10:08	CJM
Fuel Oil #2	ND	180	mg/Kg dry	10		SW-846 8015B	12/8/09	12/10/09 10:08	CJM
Fuel Oil #6	ND	180	mg/Kg dry	10		SW-846 8015B	12/8/09	12/10/09 10:08	CJM
Unknown Hydrocarbons (C9-C36)	950	180	mg/Kg dry	10	Z-01	SW-846 8015B	12/8/09	12/10/09 10:08	CJM
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	72.9		40-140					12/10/09 10:08	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 9 1-3

Sampled: 12/3/2009 11:40

Sample ID: 09L0184-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	7.0	2.6	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:35	OP
Barium	200	5.3	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:35	OP
Cadmium	0.47	0.26	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:35	OP
Chromium	15	0.53	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:35	OP
Lead	400	0.79	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:35	OP
Mercury	0.32	0.021	mg/Kg dry	1		SW-846 7471A	12/8/09	12/9/09 14:28	MPF
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:35	OP
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:35	OP



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 9 1-3

Sampled: 12/3/2009 11:40

Sample ID: 09L0184-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ignitability	Absent		present/absent	1		SW-846 1030	12/6/09	12/6/09 12:40	VAK
pH @20.4°C	9.4		pH Units	1		SW-846 9045D	12/7/09	12/7/09 12:00	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	12/7/09	12/7/09 13:45	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	12/7/09	12/7/09 13:45	LL
Specific conductance	34	2.0	µmhos/cm	1		SM18-20 2510B	12/7/09	12/7/09 14:30	SBP
% Solids	95.1		% Wt	1		SM 2540G	12/8/09	12/8/09 16:03	FWD



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: C1 5-10

Sampled: 12/3/2009 12:40

Sample ID: 09L0184-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Benzo(h)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Bis(2-Ethylhexyl)phthalate	0.45	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1	V-19	SW-846 8270C	12/8/09	12/10/09 15:54	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: CI 5-10

Sampled: 12/3/2009 12:40

Sample ID: 09L0184-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 15:54	BGL

Surrogates	% Recovery	Recovery Limits	Flag
2-Fluorophenol	84.5	30-130	12/10/09 15:54
Phenol-d6	89.3	30-130	12/10/09 15:54
Nitrobenzene-d5	78.9	30-130	12/10/09 15:54
2-Fluorobiphenyl	75.9	30-130	12/10/09 15:54
2,4,6-Tribromophenol	87.7	30-130	12/10/09 15:54
Terphenyl-d14	88.1	30-130	12/10/09 15:54





39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: C1 5-10

Sampled: 12/3/2009 12:40

Sample ID: 09L0184-04

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:00	JB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:00	JB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:00	JB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:00	JB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:00	JB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:00	JB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:00	JB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:00	JB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:00	JB

Surrogates	% Recovery	Recovery Limits	Flag
Decachlorobiphenyl [1]	69.9	30-150	
Decachlorobiphenyl [2]	67.8	30-150	
Tetrachloro-m-xylene [1]	84.0	30-150	
Tetrachloro-m-xylene [2]	84.7	30-150	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: C1 5-10

Sampled: 12/3/2009 12:40

Sample ID: 09L0184-04

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH as Diesel	12	9.1	mg/Kg dry	1		SW-846 8100 Modified	12/8/09	12/10/09 10:27	CJM
Gasoline	ND	9.1	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 10:27	CJM
Kerosene/Jet Fuel	ND	9.1	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 10:27	CJM
Fuel Oil #2	ND	9.1	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 10:27	CJM
Fuel Oil #6	ND	9.1	mg/Kg dry	1		SW-846 8015B	12/8/09	12/10/09 10:27	CJM
Unknown Hydrocarbons (C9-C36)	12	9.1	mg/Kg dry	1	Z-01	SW-846 8015B	12/8/09	12/10/09 10:27	CJM
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	83.5		40-140					12/10/09 10:27	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: C1 5-10

Sampled: 12/3/2009 12:40

Sample ID: 09L0184-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:40	OP
Barium	5.6	5.5	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:40	OP
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:40	OP
Chromium	5.4	0.55	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:40	OP
Lead	6.4	0.82	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:40	OP
Mercury	ND	0.020	mg/Kg dry	1		SW-846 7471A	12/8/09	12/9/09 14:30	MPF
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:40	OP
Silver	ND	0.55	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 17:39	OP



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: CI 5-10

Sampled: 12/3/2009 12:40

Sample ID: 09L0184-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ignitability	Absent		present/absent	1		SW-846 1030	12/6/09	12/6/09 12:40	VAK
pH @20.7°C	7.8		pH Units	1		SW-846 9045D	12/7/09	12/7/09 12:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	12/7/09	12/7/09 13:45	LL
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	12/7/09	12/7/09 13:45	LL
Specific conductance	8.1	2.0	µmhos/cm	1		SM18-20 2510B	12/7/09	12/7/09 14:30	SBP
% Solids	91.7		% Wt	1		SM 2540G	12/8/09	12/8/09 16:03	FWD



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 8 4-5

Sampled: 12/3/2009 10:45

Sample ID: 09L0184-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Benzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Bromobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Bromochloromethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Bromodichloromethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Bromoform	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Bromomethane	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
2-Butanone (MEK)	ND	0.020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
n-Butylbenzene	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
sec-Butylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
tert-Butylbenzene	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Carbon Disulfide	ND	0.0030	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Carbon Tetrachloride	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Chlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Chlorodibromomethane	ND	0.00050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Chloroethane	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Chloroform	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Chloromethane	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
2-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
4-Chlorotoluene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,2-Dibromoethane (EDB)	ND	0.00050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Dibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,2-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,3-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,4-Dichlorobenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg dry	1	V-05	SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,1-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,2-Dichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,1-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
cis-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
trans-1,2-Dichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,3-Dichloropropane	ND	0.00050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
2,2-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,1-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
cis-1,3-Dichloropropene	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
trans-1,3-Dichloropropene	ND	0.00050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Diethyl Ether	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Diisopropyl Ether (DIPE)	ND	0.00050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,4-Dioxane	ND	0.050	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Ethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 8 4-5

Sampled: 12/3/2009 10:45

Sample ID: 09L0184-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
2-Hexanone (MBK)	ND	0.050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Isopropylbenzene (Cumene)	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Methylene Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Naphthalene	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
n-Propylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Styrene	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,1,1,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,1,2,2-Tetrachloroethane	ND	0.00050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Tetrachloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Tetrahydrofuran	ND	0.0050	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Toluene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,2,3-Trichlorobenzene	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,2,4-Trichlorobenzene	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,1,1-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,1,2-Trichloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Trichloroethylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,2,3-Trichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,2,4-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
1,3,5-Trimethylbenzene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
Vinyl Chloride	ND	0.0050	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
m+p Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF
o-Xylene	ND	0.0010	mg/Kg dry	1		SW-846 8260B	12/7/09	12/7/09 15:44	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	111	70-130	
Toluene-d8	97.4	70-130	
4-Bromofluorobenzene	96.4	70-130	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 8 4-5

Sampled: 12/3/2009 10:45

Sample ID: 09L0184-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
% Solids	89.4		% Wt	1		SM 2540G	12/10/09	12/10/09 15:46	FWD



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 3 2ft

Sampled: 12/3/2009 10:00

Sample ID: 09L0184-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Benzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Bromobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Bromochloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Bromodichloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Bromoform	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Bromomethane	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
2-Butanone (MEK)	ND	0.024	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
n-Butylbenzene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
sec-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
tert-Butylbenzene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Carbon Disulfide	ND	0.0037	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Carbon Tetrachloride	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Chlorobenzene	ND	0.0012	ug/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Chlorodibromomethane	ND	0.00061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Chloroethane	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Chloroform	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Chloromethane	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
2-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
4-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,2-Dibromoethane (EDB)	ND	0.00061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Dibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,2-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,3-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,4-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.012	mg/Kg dry	1	V-05	SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,1-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,2-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,1-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
cis-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
trans-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,3-Dichloropropane	ND	0.00061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
2,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,1-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
cis-1,3-Dichloropropene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
trans-1,3-Dichloropropene	ND	0.00061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Diethyl Ether	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Diisopropyl Ether (DIPE)	ND	0.00061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,4-Dioxane	ND	0.061	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Ethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF





39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 3 2ft

Sampled: 12/3/2009 10:00

Sample ID: 09L0184-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
2-Hexanone (MBK)	ND	0.061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Isopropylbenzene (Cumene)	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Methylene Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Naphthalene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
n-Propylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Styrene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.00061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Tetrachloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Tetrahydrofuran	ND	0.0061	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Toluene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,2,3-Trichlorobenzene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,2,4-Trichlorobenzene	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,1,1-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,1,2-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Trichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,2,3-Trichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,2,4-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
1,3,5-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
Vinyl Chloride	ND	0.0061	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
m+p Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF
o-Xylene	ND	0.0012	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:34	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	123	70-130	12/8/09 8:34
Toluene-d8	94.8	70-130	12/8/09 8:34
4-Bromofluorobenzene	93.2	70-130	12/8/09 8:34



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 3 2ft

Sampled: 12/3/2009 10:00

Sample ID: 09L0184-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.9		% Wt	1		SM 2540G	12/10/09	12/10/09 15:46	FWD

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 6 0-5

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Benzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Bromobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Bromochloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Bromodichloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Bromoform	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Bromomethane	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
2-Butanone (MEK)	ND	0.022	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
n-Butylbenzene	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
sec-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
tert-Butylbenzene	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Carbon Disulfide	ND	0.0033	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Carbon Tetrachloride	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Chlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Chlorodibromomethane	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Chloroethane	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Chloroform	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Chloromethane	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
2-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
4-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,2-Dibromoethane (EDB)	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Dibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,2-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,3-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,4-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,1-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,2-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,1-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
cis-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
trans-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,3-Dichloropropane	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
2,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,1-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
cis-1,3-Dichloropropene	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
trans-1,3-Dichloropropene	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Diethyl Ether	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Diisopropyl Ether (DIPE)	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,4-Dioxane	ND	0.054	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Ethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 6 0-5

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
2-Hexanone (MBK)	ND	0.054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Isopropylbenzene (Cumene)	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Methylene Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Naphthalene	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
n-Propylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Styrene	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,1,1,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,1,2,2-Tetrachloroethane	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Tetrachloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Tetrahydrofuran	ND	0.0054	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Toluene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,2,3-Trichlorobenzene	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,2,4-Trichlorobenzene	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,1,1-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,1,2-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Trichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,2,3-Trichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,2,4-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
1,3,5-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
Vinyl Chloride	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
m+p Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF
o-Xylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	120	70-130	
Toluene-d8	97.4	70-130	
4-Bromofluorobenzene	93.0	70-130	

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 6 0-5

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Acenaphthylene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Acetophenone	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Aniline	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Anthracene	0.44	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Benzo(a)anthracene	1.1	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Benzo(a)pyrene	1.2	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Benzo(b)fluoranthene	1.5	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Benzo(g,h,i)perylene	0.57	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Benzo(k)fluoranthene	0.57	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Bis(2-chloroethoxy)methane	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Bis(2-chloroethyl)ether	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Bis(2-chloroisopropyl)ether	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
4-Bromophenylphenylether	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Butylbenzylphthalate	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
4-Chloroaniline	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
2-Chloronaphthalene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
2-Chlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Chrysene	1.1	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Dihenz(a,h)anthracene	0.43	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Dibenzofuran	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Di-n-butylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
1,2-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
1,3-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
1,4-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
3,3-Dichlorobenzidine	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
2,4-Dichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Diethylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
2,4-Dimethylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Dimethylphthalate	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
2,4-Dinitrophenol	ND	1.4	mg/Kg dry	1	V-19	SW-846 8270C	12/8/09	12/11/09 11:03	BGL
2,4-Dinitrotoluene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
2,6-Dinitrotoluene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Di-n-octylphthalate	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Fluoranthene	1.7	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Fluorene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Hexachlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Hexachlorobutadiene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Hexachloroethane	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Indeno(1,2,3-cd)pyrene	1.1	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Isophorone	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
2-Methylnaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 6 0-5

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
3/4-Methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Naphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Nitrobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
2-Nitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
4-Nitrophenol	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Pentachlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Phenanthrene	1.5	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Phenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
Pyrene	1.4	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
1,2,4-Trichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
2,4,5-Trichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL
2,4,6-Trichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/11/09 11:03	BGL

Surrogates	% Recovery	Recovery Limits	Flag
2-Fluorophenol	56.6	30-130	
Phenol-d6	63.6	30-130	
Nitrobenzene-d5	60.0	30-130	
2-Fluorobiphenyl	57.3	30-130	
2,4,6-Tribromophenol	57.7	30-130	
Terphenyl-d14	51.7	30-130	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 6 0-5

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-07

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:15	JB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:15	JB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:15	JB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:15	JB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:15	JB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:15	JB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:15	JB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:15	JB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:15	JB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	66.3		30-150			12/10/09 18:15			
Decachlorobiphenyl [2]	66.5		30-150			12/10/09 18:15			
Tetrachloro-m-xylene [1]	79.5		30-150			12/10/09 18:15			
Tetrachloro-m-xylene [2]	77.5		30-150			12/10/09 18:15			



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 6 0-5

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-07

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH as Diesel	580	180	mg/Kg dry	10		SW-846 8100 Modified	12/8/09	12/10/09 10:45	CJM
Gasoline	ND	180	mg/Kg dry	10		SW-846 8015B	12/8/09	12/10/09 10:45	CJM
Kerosene/Jet Fuel	ND	180	mg/Kg dry	10		SW-846 8015B	12/8/09	12/10/09 10:45	CJM
Fuel Oil #2	ND	180	mg/Kg dry	10		SW-846 8015B	12/8/09	12/10/09 10:45	CJM
Fuel Oil #6	ND	180	mg/Kg dry	10		SW-846 8015B	12/8/09	12/10/09 10:45	CJM
Unknown Hydrocarbons (C9-C36)	580	180	mg/Kg dry	10	Z-01	SW-846 8015B	12/8/09	12/10/09 10:45	CJM
<b>Surrogates</b>		<b>% Recovery</b>		<b>Recovery Limits</b>	<b>Flag</b>				
o-Terphenyl		72.9		40-140				12/10/09 10:45	





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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 6 0-5

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Arsenic	7.3	2.7	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:03	OP
Barium	100	5.5	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:03	OP
Cadmium	0.51	0.27	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:03	OP
Chromium	18	0.55	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:03	OP
Lead	310	0.82	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:03	OP
Mercury	0.14	0.024	mg/Kg dry	1		SW-846 7471A	12/8/09	12/9/09 14:36	MPF
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:03	OP
Silver	ND	0.55	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:03	OP



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 6 0-5

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ignitability	Absent		present/absent	1		SW-846 1030	12/6/09	12/6/09 12:40	VAK
pH @20.5°C	7.4		pH Units	1		SW-846 9045D	12/7/09	12/7/09 12:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	12/9/09	12/9/09 12:40	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	12/9/09	12/9/09 18:15	SBP
Specific conductance	12	2.0	µmhos/cm	1		SM18-20 2510B	12/7/09	12/7/09 14:30	SBP
% Solids	91.2		% Wt	1		SM 2540G	12/8/09	12/8/09 16:03	FWD

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: Dup 1 (SB06 0-5)

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte.	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Benzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Bromobenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Bromochloromethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Bromodichloromethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Bromoform	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Bromomethane	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
2-Butanone (MEK)	ND	0.018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
n-Butylbenzene	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
sec-Butylbenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
tert-Butylbenzene	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Carbon Disulfide	ND	0.0026	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Carbon Tetrachloride	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Chlorobenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Chlorodibromomethane	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Chloroethane	ND	0.0088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Chloroform	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Chloromethane	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
2-Chlorotoluene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
4-Chlorotoluene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,2-Dibromoethane (EDB)	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Dibromomethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,2-Dichlorobenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,3-Dichlorobenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,4-Dichlorobenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0088	mg/Kg dry	1	V-05	SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,1-Dichloroethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,2-Dichloroethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,1-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
cis-1,2-Dichloroethylene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
trans-1,2-Dichloroethylene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,2-Dichloropropane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,3-Dichloropropane	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
2,2-Dichloropropane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,1-Dichloropropene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
cis-1,3-Dichloropropene	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
trans-1,3-Dichloropropene	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Diethyl Ether	ND	0.0088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Diisopropyl Ether (DIPE)	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,4-Dioxane	ND	0.044	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Ethylbenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: Dup 1 (SB06 0-5)

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
2-Hexanone (MBK)	ND	0.044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Isopropylbenzene (Cumene)	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Methylene Chloride	ND	0.0088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Naphthalene	ND	0.0044	mg/Kg dry	1	MS-07	SW-846 8260B	12/7/09	12/8/09 8:08	MFF
n-Propylbenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Styrene	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,1,1,2-Tetrachloroethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.00044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Tetrachloroethylene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Tetrahydrofuran	ND	0.0044	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Toluene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,2,3-Trichlorobenzene	ND	0.0044	mg/Kg dry	1	MS-07	SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,2,4-Trichlorobenzene	ND	0.0044	mg/Kg dry	1	MS-07	SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,1,1-Trichloroethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,1,2-Trichloroethane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Trichloroethylene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,2,3-Trichloropropane	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,2,4-Trimethylbenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
1,3,5-Trimethylbenzene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
Vinyl Chloride	ND	0.0044	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
m+p Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF
o-Xylene	ND	0.00088	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 8:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	122	70-130	
Toluene-d8	94.0	70-130	
4-Bromofluorobenzene	94.1	70-130	

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: Dup 1 (SB06 0-5)

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Acenaphthylene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Acetophenone	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Aniline	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Anthracene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Benzo(a)anthracene	0.44	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Benzo(a)pyrene	0.38	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Benzo(b)fluoranthene	0.51	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Benzo(g,h,i)perylene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Benzo(k)fluoranthene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Bis(2-chloroethoxy)methane	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Bis(2-chloroethyl)ether	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Bis(2-chloroisopropyl)ether	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
4-Bromophenylphenylether	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Butylbenzylphthalate	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
4-Chloroaniline	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
2-Chloronaphthalene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
2-Chlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Chrysene	0.40	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Dibenz(a,h)anthracene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Dibenzofuran	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Di-n-butylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
1,2-Dichlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
1,3-Dichlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
1,4-Dichlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
3,3-Dichlorobenzidine	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
2,4-Dichlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Diethylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
2,4-Dimethylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Dimethylphthalate	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
2,4-Dinitrophenol	ND	1.4	mg/Kg dry	1	V-19	SW-846 8270C	12/8/09	12/10/09 17:04	BGL
2,4-Dinitrotoluene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
2,6-Dinitrotoluene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Di-n-octylphthalate	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Fluoranthene	0.79	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Fluorene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Hexachlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Hexachlorobutadiene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Hexachloroethane	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Indeno(1,2,3-cd)pyrene	0.54	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Isophorone	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
2-Methylnaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: Dup 1 (SB06 0-5)

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
3/4-Methylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Naphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Nitrobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
2-Nitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
4-Nitrophenol	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Pentachlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Phenanthrene	0.58	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Phenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
Pyrene	0.55	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
1,2,4-Trichlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
2,4,5-Trichlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL
2,4,6-Trichlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:04	BGL

Surrogates	% Recovery	Recovery Limits	Flag
2-Fluorophenol	70.9	30-130	
Phenol-d6	77.8	30-130	
Nitrobenzene-d5	69.6	30-130	
2-Fluorobiphenyl	68.2	30-130	
2,4,6-Tribromophenol	72.5	30-130	
Terphenyl-d14	58.6	30-130	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: Dup 1 (SB06 0-5)

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-08

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:29	JB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:29	JB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:29	JB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:29	JB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:29	JB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:29	JB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:29	JB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:29	JB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:29	JB

Surrogates	% Recovery	Recovery Limits	Flag
Decachlorobiphenyl [1]	65.1	30-150	
Decachlorobiphenyl [2]	64.8	30-150	
Tetrachloro-m-xylene [1]	86.8	30-150	
Tetrachloro-m-xylene [2]	82.0	30-150	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: Dup 1 (SB06 0-5)

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-08

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH as Diesel	350	180	mg/Kg dry	10		SW-846 8100 Modified	12/8/09	12/10/09 11:04	CJM
Gasoline	ND	180	mg/Kg dry	10		SW-846 8015B	12/8/09	12/10/09 11:04	CJM
Kerosene/Jet Fuel	ND	180	mg/Kg dry	10		SW-846 8015B	12/8/09	12/10/09 11:04	CJM
Fuel Oil #2	ND	180	mg/Kg dry	10		SW-846 8015B	12/8/09	12/10/09 11:04	CJM
Fuel Oil #6	ND	180	mg/Kg dry	10		SW-846 8015B	12/8/09	12/10/09 11:04	CJM
Unknown Hydrocarbons (C9-C36)	350	180	mg/Kg dry	10	Z-01	SW-846 8015B	12/8/09	12/10/09 11:04	CJM
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	82.5		40-140					12/10/09 11:04	





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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: Dup 1 (SB06 0-5)

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Arsenic	6.1	2.7	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:07	OP
Barium	140	5.3	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:07	OP
Cadmium	0.53	0.27	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:07	OP
Chromium	21	0.53	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:07	OP
Lead	340	0.80	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:07	OP
Mercury	0.21	0.018	mg/Kg dry	1		SW-846 7471A	12/8/09	12/9/09 14:37	MPF
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:07	OP
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:07	OP



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: Dup 1 (SB06 0-5)

Sampled: 12/3/2009 14:30

Sample ID: 09L0184-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ignitability	Absent		present/absent	1		SW-846 1030	12/6/09	12/6/09 12:40	VAK
pH @20.8°C	7.7		pH Units	1		SW-846 9045D	12/7/09	12/7/09 12:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	12/9/09	12/9/09 12:40	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	12/9/09	12/9/09 18:15	SBP
Specific conductance	11	2.0	µmhos/cm	1		SM18-20 2510B	12/7/09	12/7/09 14:30	SBP
% Solids	93.4		% Wt	1		SM 2540G	12/8/09	12/8/09 16:03	FWD



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 7 0-4

Sampled: 12/3/2009 14:20

Sample ID: 09L0184-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Benzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Bromobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Bromochloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Bromodichloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Bromoform	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Bromomethane	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
2-Butanone (MEK)	ND	0.022	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
n-Butylbenzene	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
sec-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
tert-Butylbenzene	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Carbon Disulfide	ND	0.0033	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Carbon Tetrachloride	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Chlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Chlorodibromomethane	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Chloroethane	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Chloroform	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Chloromethane	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
2-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
4-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,2-Dibromoethane (EDB)	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Dibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,2-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,3-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,4-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,1-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,2-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,1-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
cis-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
trans-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,3-Dichloropropane	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
2,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,1-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
cis-1,3-Dichloropropene	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
trans-1,3-Dichloropropene	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Diethyl Ether	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Diisopropyl Ether (DIPE)	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,4-Dioxane	ND	0.055	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Ethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 7 0-4

Sampled: 12/3/2009 14:20

Sample ID: 09L0184-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
2-Hexanone (MBK)	ND	0.055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Isopropylbenzene (Cumene)	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Methylene Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Naphthalene	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
n-Propylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Styrene	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,1,1,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,1,2,2-Tetrachloroethane	ND	0.00055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Tetrachloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Tetrahydrofuran	ND	0.0055	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Toluene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,2,3-Trichlorobenzene	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,2,4-Trichlorobenzene	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,1,1-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,1,2-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Trichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,2,3-Trichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,2,4-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
1,3,5-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
Vinyl Chloride	ND	0.0055	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
m+p Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF
o-Xylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:25	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	122	70-130	
Toluene-d8	97.2	70-130	
4-Bromofluorobenzene	94.8	70-130	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 7 0-4

Sampled: 12/3/2009 14:20

Sample ID: 09L0184-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Acenaphthylene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Acetophenone	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Aniline	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Anthracene	0.41	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Benzo(a)anthracene	1.1	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Benzo(a)pyrene	1.0	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Benzo(b)fluoranthene	1.2	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Benzo(g,h,i)perylene	0.43	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Benzo(k)fluoranthene	0.45	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Bis(2-chloroethoxy)methane	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Bis(2-chloroethyl)ether	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Bis(2-chloroisopropyl)ether	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
4-Bromophenylphenylether	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
2-Chloronaphthalene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
2-Chlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Chrysene	0.95	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Dibenz(a,h)anthracene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Dibenzofuran	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Di-n-butylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
1,2-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
1,3-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
1,4-Dichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
3,3-Dichlorobenzidine	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
2,4-Dichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Diethylphthalate	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
2,4-Dimethylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1	V-19	SW-846 8270C	12/8/09	12/10/09 17:39	BGL
2,4-Dinitrotoluene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
2,6-Dinitrotoluene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Fluoranthene	1.6	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Fluorene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Hexachlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Hexachlorobutadiene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Hexachloroethane	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Indeno(1,2,3-cd)pyrene	0.86	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Isophorone	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
2-Methylnaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 7 0-4

Sampled: 12/3/2009 14:20

Sample ID: 09L0184-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
3/4-Methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Naphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Nitrobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
2-Nitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Pentachlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Phenanthrene	1.4	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Phenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
Pyrene	1.3	0.37	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
1,2,4-Trichlorobenzene	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
2,4,5-Trichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL
2,4,6-Trichlorophenol	ND	0.75	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 17:39	BGL

Surrogates	% Recovery	Recovery Limits	Flag
2-Fluorophenol	83.1	30-130	
Phenol-d6	88.7	30-130	
Nitrobenzene-d5	80.9	30-130	
2-Fluorobiphenyl	81.8	30-130	
2,4,6-Tribromophenol	77.2	30-130	
Terphenyl-d14	69.5	30-130	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 7 0-4

Sampled: 12/3/2009 14:20

Sample ID: 09L0184-09

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:44	JB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:44	JB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:44	JB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:44	JB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:44	JB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:44	JB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:44	JB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:44	JB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:44	JB
Surrogates	% Recovery		Recovery Limits		Flag				
Decachlorobiphenyl [1]	73.7		30-150					12/10/09 18:44	
Decachlorobiphenyl [2]	72.0		30-150					12/10/09 18:44	
Tetrachloro-m-xylene [1]	86.7		30-150					12/10/09 18:44	
Tetrachloro-m-xylene [2]	87.1		30-150					12/10/09 18:44	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 7 0-4

Sampled: 12/3/2009 14:20

Sample ID: 09L0184-09

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH as Diesel	79	9.2	mg/Kg dry	1		SW-846 8100 Modified	12/8/09	12/9/09 14:07	CJM
Gasoline	ND	9.2	mg/Kg dry	1		SW-846 8015B	12/8/09	12/9/09 14:07	CJM
Kerosene/Jet Fuel	ND	9.2	mg/Kg dry	1		SW-846 8015B	12/8/09	12/9/09 14:07	CJM
Fuel Oil #2	ND	9.2	mg/Kg dry	1		SW-846 8015B	12/8/09	12/9/09 14:07	CJM
Fuel Oil #6	ND	9.2	mg/Kg dry	1		SW-846 8015B	12/8/09	12/9/09 14:07	CJM
Unknown Hydrocarbons (C9-C36)	79	9.2	mg/Kg dry	1	Z-01	SW-846 8015B	12/8/09	12/9/09 14:07	CJM
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	73.2		40-140					12/9/09 14:07	





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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 7 0-4

Sampled: 12/3/2009 14:20

Sample ID: 09L0184-09

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Arsenic	5.2	2.7	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:12	OP
Barium	39	5.5	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:11	OP
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:12	OP
Chromium	11	0.55	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:11	OP
Lead	86	0.82	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:12	OP
Mercury	0.12	0.015	mg/Kg dry	1		SW-846 7471A	12/8/09	12/9/09 14:39	MPF
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:12	OP
Silver	ND	0.55	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:11	OP



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 7 0-4

Sampled: 12/3/2009 14:20

Sample ID: 09L0184-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ignitability	Absent		present/absent	1		SW-846 1030	12/6/09	12/6/09 12:40	VAK
pH @20.5°C	8.1		pH Units	1		SW-846 9045D	12/7/09	12/7/09 12:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	12/9/09	12/9/09 12:40	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	12/9/09	12/9/09 18:15	SBP
Specific conductance	6.7	2.0	µmhos/cm	1		SM18-20 2510B	12/7/09	12/7/09 14:30	SBP
% Solids	91.0		% Wt	1		SM 2540G	12/8/09	12/8/09 16:03	FWD

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 2 2-4

Sampled: 12/3/2009 12:20

Sample ID: 09L0184-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Benzene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Bromobenzene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Bromochloromethane	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Bromodichloromethane	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Bromoform	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Bromomethane	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
2-Butanone (MEK)	ND	0.018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
n-Butylbenzene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
sec-Butylbenzene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
tert-Butylbenzene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Carbon Disulfide	ND	0.0027	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Carbon Tetrachloride	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Chlorobenzene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Chlorodibromomethane	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Chloroethane	ND	0.0091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Chloroform	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Chloromethane	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
2-Chlorotoluene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
4-Chlorotoluene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,2-Dibromoethane (EDB)	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Dibromomethane	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,2-Dichlorobenzene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,3-Dichlorobenzene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,4-Dichlorobenzene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0091	mg/Kg dry	1	V-05	SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,1-Dichloroethane	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,2-Dichloroethane	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,1-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
cis-1,2-Dichloroethylene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
trans-1,2-Dichloroethylene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,2-Dichloropropane	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,3-Dichloropropane	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
2,2-Dichloropropane	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,1-Dichloropropene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
cis-1,3-Dichloropropene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
trans-1,3-Dichloropropene	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Diethyl Ether	ND	0.0091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Diisopropyl Ether (DIPE)	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,4-Dioxane	ND	0.045	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Ethylbenzene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 2 2-4

Sampled: 12/3/2009 12:20

Sample ID: 09L0184-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
2-Hexanone (MBK)	ND	0.045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Isopropylbenzene (Cumene)	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Methylene Chloride	ND	0.0091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Naphthalene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
n-Propylbenzene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Styrene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,1,1,2-Tetrachloroethane	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,1,2,2-Tetrachloroethane	ND	0.00045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Tetrachloroethylene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Tetrahydrofuran	ND	0.0045	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Toluene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,2,3-Trichlorobenzene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,2,4-Trichlorobenzene	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,1,1-Trichloroethane	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,1,2-Trichloroethane	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Trichloroethylene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,2,3-Trichloropropane	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,2,4-Trimethylbenzene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
1,3,5-Trimethylbenzene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
Vinyl Chloride	ND	0.0045	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
m+p Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF
o-Xylene	ND	0.00091	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 9:51	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	121	70-130	
Toluene-d8	94.4	70-130	
4-Bromofluorobenzene	93.1	70-130	

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 2 2-4

Sampled: 12/3/2009 12:20

Sample ID: 09L0184-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Acenaphthylene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Acetophenone	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Aniline	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Anthracene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Benzo(a)anthracene	0.94	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Benzo(a)pyrene	0.87	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Benzo(b)fluoranthene	1.1	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Benzo(g,h,i)perylene	0.44	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Benzo(k)fluoranthene	0.38	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Bis(2-chloroethoxy)methane	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Bis(2-chloroethyl)ether	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Bis(2-chloroisopropyl)ether	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
4-Bromophenylphenylether	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Butylbenzylphthalate	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
4-Chloroaniline	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
2-Chloronaphthalene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
2-Chlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Chrysene	0.91	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Dibenz(a,h)anthracene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Dibenzofuran	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Di-n-butylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
1,2-Dichlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
1,3-Dichlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
1,4-Dichlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
3,3-Dichlorobenzidine	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
2,4-Dichlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Diethylphthalate	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
2,4-Dimethylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Dimethylphthalate	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
2,4-Dinitrophenol	ND	1.4	mg/Kg dry	1	V-19	SW-846 8270C	12/8/09	12/10/09 18:15	BGL
2,4-Dinitrotoluene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
2,6-Dinitrotoluene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Di-n-octylphthalate	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Fluoranthene	1.6	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Fluorene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Hexachlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Hexachlorobutadiene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Hexachloroethane	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Indeno(1,2,3-cd)pyrene	0.84	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Isophorone	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
2-Methylnaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 2 2-4

Sampled: 12/3/2009 12:20

Sample ID: 09L0184-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
3/4-Methylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Naphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Nitrobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
2-Nitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
4-Nitrophenol	ND	1.4	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Pentachlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Phenanthrene	1.2	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Phenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Pyrene	1.3	0.36	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
1,2,4-Trichlorobenzene	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
2,4,5-Trichlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
2,4,6-Trichlorophenol	ND	0.73	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:15	BGL
Surrogates		% Recovery	Recovery Limits		Flag				
2-Fluorophenol		56.3	30-130					12/10/09 18:15	
Phenol-d6		63.2	30-130					12/10/09 18:15	
Nitrobenzene-d5		56.1	30-130					12/10/09 18:15	
2-Fluorobiphenyl		60.9	30-130					12/10/09 18:15	
2,4,6-Tribromophenol		57.9	30-130					12/10/09 18:15	
Terphenyl-d14		56.6	30-130					12/10/09 18:15	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 2 2-4

Sampled: 12/3/2009 12:20

Sample ID: 09L0184-10

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:58	JB
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:58	JB
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:58	JB
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:58	JB
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:58	JB
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:58	JB
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:58	JB
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:58	JB
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 18:58	JB

Surrogates	% Recovery	Recovery Limits	Flag	Date/Time Analyzed
Decachlorobiphenyl [1]	74.3	30-150		12/10/09 18:58
Decachlorobiphenyl [2]	75.1	30-150		12/10/09 18:58
Tetrachloro-m-xylene [1]	83.4	30-150		12/10/09 18:58
Tetrachloro-m-xylene [2]	81.9	30-150		12/10/09 18:58



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 2 2-4

Sampled: 12/3/2009 12:20

Sample ID: 09L0184-10

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
C19-C36 Aliphatics	48	11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Unadjusted C11-C22 Aromatics	67	11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
C11-C22 Aromatics	46	11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Acenaphthene	0.25	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Acenaphthylene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Anthracene	0.67	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Benzo(a)anthracene	1.7	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Benzo(a)pyrene	1.5	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Benzo(b)fluoranthene	2.2	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Benzo(g,h,i)perylene	1.2	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Benzo(k)fluoranthene	0.81	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Chrysene	1.9	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Dibenz(a,h)anthracene	0.40	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Fluoranthene	3.3	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Fluorene	0.30	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Indeno(1,2,3-cd)pyrene	1.2	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
2-Methylnaphthalene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Naphthalene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Phenanthrene	2.5	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM
Pyrene	3.5	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	12/8/09	12/10/09 16:26	CJM

Surrogates	% Recovery	Recovery Limits	Flag
Chlorooctadecane (COD)	69.1	40-140	
o-Terphenyl (OTP)	82.3	40-140	
2-Bromonaphthalene	104	40-140	
2-Fluorobiphenyl	104	40-140	





39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 2 2-4

Sampled: 12/3/2009 12:20

Sample ID: 09L0184-10

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	7.5	2.7	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:16	OP
Barium	92	5.4	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:16	OP
Cadmium	0.58	0.27	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:16	OP
Chromium	11	0.54	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:16	OP
Lead	310	0.81	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:16	OP
Mercury	0.36	0.022	mg/Kg dry	1		SW-846 7471A	12/8/09	12/9/09 14:41	MPF
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:16	OP
Silver	0.79	0.54	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:16	OP



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: WSE 2 2-4

Sampled: 12/3/2009 12:20

Sample ID: 09L0184-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ignitability	Absent		present/absent	1		SW-846 1030	12/6/09	12/6/09 12:40	VAK
pH @20.6°C	8.4		pH Units	1		SW-846 9045D	12/7/09	12/7/09 12:00	LL
Reactive Cyanide	ND	3.9	mg/Kg	1		SW-846 9014	12/9/09	12/9/09 12:40	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	12/9/09	12/9/09 18:15	SBP
Specific conductance	6.5	2.0	µmhos/cm	1		SM18-20 2510B	12/8/09	12/8/09 10:55	LL
% Solids	93.5		% Wt	1		SM 2540G	12/8/09	12/8/09 16:03	FWD



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 7 5ft

Sampled: 12/3/2009 15:40

Sample ID: 09L0184-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Benzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Bromobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Bromochloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Bromodichloromethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Bromoform	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Bromomethane	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
2-Butanone (MEK)	ND	0.021	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
n-Butylbenzene	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
sec-Butylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
tert-Butylbenzene	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Carbon Disulfide	ND	0.0032	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Carbon Tetrachloride	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Chlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Chlorodibromomethane	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Chloroethane	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Chloroform	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Chloromethane	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
2-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
4-Chlorotoluene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,2-Dibromoethane (EDB)	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Dibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,2-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,3-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,4-Dichlorobenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.011	mg/Kg dry	1	V-05	SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,1-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,2-Dichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,1-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
cis-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
trans-1,2-Dichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,3-Dichloropropane	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
2,2-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,1-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
cis-1,3-Dichloropropene	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
trans-1,3-Dichloropropene	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Diethyl Ether	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Diisopropyl Ether (DIPE)	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,4-Dioxane	ND	0.054	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Ethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 7 5ft

Sampled: 12/3/2009 15:40

Sample ID: 09L0184-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
2-Hexanone (MBK)	ND	0.054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Isopropylbenzene (Cumene)	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Methylene Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Naphthalene	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
n-Propylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Styrene	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,1,1,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,1,2,2-Tetrachloroethane	ND	0.00054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Tetrachloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Tetrahydrofuran	ND	0.0054	mg/Kg dry	1	V-16	SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Toluene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,2,3-Trichlorobenzene	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,2,4-Trichlorobenzene	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,1,1-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,1,2-Trichloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Trichloroethylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,2,3-Trichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,2,4-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
1,3,5-Trimethylbenzene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
Vinyl Chloride	ND	0.0054	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
m+p Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF
o-Xylene	ND	0.0011	mg/Kg dry	1		SW-846 8260B	12/7/09	12/8/09 10:17	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	128	70-130	
Toluene-d8	96.9	70-130	
4-Bromofluorobenzene	95.3	70-130	



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: SB 7 5ft

Sampled: 12/3/2009 15:40

Sample ID: 09L0184-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.2		% Wt	1		SM 2540G	12/10/09	12/10/09 15:46	FWD



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: C2 5-10

Sampled: 12/3/2009 15:40

Sample ID: 09L0184-12

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Acenaphthylene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Acetophenone	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Aniline	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Anthracene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Benzo(a)anthracene	0.73	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Benzo(a)pyrene	0.61	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Benzo(b)fluoranthene	0.71	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Benzo(g,h,i)perylene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Benzo(k)fluoranthene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Bis(2-chloroethoxy)methane	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Bis(2-chloroethyl)ether	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Bis(2-chloroisopropyl)ether	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
4-Bromophenylphenylether	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
4-Chloroaniline	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
2-Chloronaphthalene	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
2-Chlorophenol	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Chrysene	0.65	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Dibenz(a,h)anthracene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Dibenzofuran	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Di-n-butylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
1,2-Dichlorobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
1,3-Dichlorobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
1,4-Dichlorobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
3,3-Dichlorobenzidine	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
2,4-Dichlorophenol	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Diethylphthalate	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
2,4-Dimethylphenol	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
2,4-Dinitrophenol	ND	1.5	mg/Kg dry	1	V-19	SW-846 8270C	12/8/09	12/10/09 18:49	BGL
2,4-Dinitrotoluene	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
2,6-Dinitrotoluene	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Fluoranthene	1.4	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Fluorene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Hexachlorobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Hexachlorobutadiene	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Hexachloroethane	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Indeno(1,2,3-cd)pyrene	0.65	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Isophorone	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
2-Methylnaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: C2 5-10

Sampled: 12/3/2009 15:40

Sample ID: 09L0184-12

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
3/4-Methylphenol	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Naphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Nitrobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
2-Nitrophenol	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
4-Nitrophenol	ND	1.5	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Pentachlorophenol	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Phenanthrene	0.86	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Phenol	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
Pyrene	1.1	0.39	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
1,2,4-Trichlorobenzene	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
2,4,5-Trichlorophenol	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL
2,4,6-Trichlorophenol	ND	0.79	mg/Kg dry	1		SW-846 8270C	12/8/09	12/10/09 18:49	BGL

Surrogates	% Recovery	Recovery Limits	Flag
2-Fluorophenol	90.8	30-130	12/10/09 18:49
Phenol-d6	94.2	30-130	12/10/09 18:49
Nitrobenzene-d5	87.2	30-130	12/10/09 18:49
2-Fluorobiphenyl	87.0	30-130	12/10/09 18:49
2,4,6-Tribromophenol	84.5	30-130	12/10/09 18:49
Terphenyl-d14	75.7	30-130	12/10/09 18:49



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: C2 5-10

Sampled: 12/3/2009 15:40

Sample ID: 09L0184-12

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 19:13	JB
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 19:13	JB
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 19:13	JB
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 19:13	JB
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 19:13	JB
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 19:13	JB
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 19:13	JB
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 19:13	JB
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	1		SW-846 8082	12/8/09	12/10/09 19:13	JB

Surrogates	% Recovery	Recovery Limits	Flag
Decachlorobiphenyl [1]	76.3	30-150	
Decachlorobiphenyl [2]	74.7	30-150	
Tetrachloro-m-xylene [1]	85.3	30-150	
Tetrachloro-m-xylene [2]	82.9	30-150	





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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: C2 5-10

Sampled: 12/3/2009 15:40

Sample ID: 09L0184-12

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH as Diesel	200	96	mg/Kg dry	5		SW-846 8100 Modified	12/8/09	12/9/09 13:48	CJM
Gasoline	ND	96	mg/Kg dry	5		SW-846 8015B	12/8/09	12/9/09 13:48	CJM
Kerosene/Jet Fuel	ND	96	mg/Kg dry	5		SW-846 8015B	12/8/09	12/9/09 13:48	CJM
Fuel Oil #2	ND	96	mg/Kg dry	5		SW-846 8015B	12/8/09	12/9/09 13:48	CJM
Fuel Oil #6	ND	96	mg/Kg dry	5		SW-846 8015B	12/8/09	12/9/09 13:48	CJM
Unknown Hydrocarbons (C9-C36)	200	96	mg/Kg dry	5	Z-01	SW-846 8015B	12/8/09	12/9/09 13:48	CJM
Surrogates	% Recovery		Recovery Limits		Flag				
o-Terphenyl	84.6		40-140					12/9/09 13:48	



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: C2 5-10

Sampled: 12/3/2009 15:40

Sample ID: 09L0184-12

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:21	OP
Barium	47	5.8	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:20	OP
Cadmium	ND	0.29	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:21	OP
Chromium	9.1	0.58	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:20	OP
Lead	140	0.87	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:20	OP
Mercury	0.065	0.020	mg/Kg dry	1		SW-846 7471A	12/8/09	12/9/09 14:43	MPF
Selenium	ND	5.8	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:21	OP
Silver	ND	0.58	mg/Kg dry	1		SW-846 6010B	12/7/09	12/8/09 18:20	OP



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: C2 5-10

Sampled: 12/3/2009 15:40

Sample ID: 09L0184-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ignitability	Absent		present/absent	1		SW-846 1030	12/6/09	12/6/09 12:40	VAK
pH @20.9°C	8.2		pH Units	1		SW-846 9045D	12/7/09	12/7/09 12:00	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	12/9/09	12/9/09 12:40	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	12/9/09	12/9/09 18:15	SBP
Specific conductance	16	2.0	µmhos/cm	1		SM18-20 2510B	12/8/09	12/8/09 10:55	LL
% Solids	86.6		% Wt	1		SM 2540G	12/8/09	12/8/09 16:03	FWD



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Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: Trip Blank

Sampled: 12/3/2009 00:00

Sample ID: 09L0184-13

Sample Matrix: Trio Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Benzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Bromobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Bromochloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Bromodichloromethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Bromoform	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Bromomethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
n-Butylbenzene	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
tert-Butylbenzene	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Carbon Disulfide	ND	0.0060	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Carbon Tetrachloride	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Chlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Chloroethane	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Chloroform	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Chloromethane	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Dibromomethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet	1	V-05	SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
cis-1,3-Dichloropropene	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Diethyl Ether	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,4-Dioxane	ND	0.10	mg/Kg wet	1	V-16	SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Ethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel H

Sample Description:

Work Order: 09L0184

Date Received: 12/4/2009

Field Sample #: Trip Blank

Sampled: 12/3/2009 00:00

Sample ID: 09L0184-13

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
2-Hexanone (MBK)	ND	0.10	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Isopropylbenzene (Cumene)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Methylene Chloride	ND	0.020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.10	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Naphthalene	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
n-Propylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Styrene	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Tetrahydrofuran	ND	0.010	mg/Kg wet	1	V-16	SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Toluene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,2,3-Trichlorobenzene	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,2,4-Trichlorobenzene	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Trichloroethylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
Vinyl Chloride	ND	0.010	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
m+p Xylene	ND	0.0040	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF
o-Xylene	ND	0.0020	mg/Kg wet	1		SW-846 8260B	12/7/09	12/7/09 16:36	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	111	70-130	12/7/09 16:36
Toluene-d8	102	70-130	12/7/09 16:36
4-Bromofluorobenzene	95.2	70-130	12/7/09 16:36



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**Sample Extraction Data**

Prep Method: SW-846 3546-MADEP-EPH-04-1.1

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-01 [SB 8 2-4]	B008157	20	2	12/08/09
09L0184-10 [WSE 2 2-4]	B008157	20	2	12/08/09

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
09L0184-01 [SB 8 2-4]	B008141	12/08/09
09L0184-02 [WSE 3 0-5]	B008141	12/08/09
09L0184-03 [SB 9 1-3]	B008141	12/08/09
09L0184-04 [C1 5-10]	B008141	12/08/09
09L0184-07 [SB 6 0-5]	B008141	12/08/09
09L0184-08 [Dup 1 (SB06 0-5)]	B008141	12/08/09
09L0184-09 [SB 7 0-4]	B008141	12/08/09
09L0184-10 [WSE 2 2-4]	B008141	12/08/09
09L0184-12 [C2 5-10]	B008141	12/08/09

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
09L0184-05 [SB 8 4-5]	B008246	12/10/09
09L0184-06 [WSE 3 2ft]	B008246	12/10/09
09L0184-11 [SB 7 5ft]	B008246	12/10/09

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
09L0184-01 [SB 8 2-4]	B008166	1	12/07/09
09L0184-02 [WSE 3 0-5]	B008166	1	12/07/09
09L0184-03 [SB 9 1-3]	B008166	1	12/07/09
09L0184-04 [C1 5-10]	B008166	1	12/07/09
09L0184-07 [SB 6 0-5]	B008166	1	12/07/09
09L0184-08 [Dup 1 (SB06 0-5)]	B008166	1	12/07/09
09L0184-09 [SB 7 0-4]	B008166	1	12/07/09

SM18-20 2510B

Lab Number [Field ID]	Batch	Initial [g]	Date
09L0184-10 [WSE 2 2-4]	B008169	1	12/08/09
09L0184-12 [C2 5-10]	B008169	1	12/08/09

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-01 [SB 8 2-4]	B008080	50	50	12/06/09
09L0184-02 [WSE 3 0-5]	B008080	50	50	12/06/09
09L0184-03 [SB 9 1-3]	B008080	50	50	12/06/09
09L0184-04 [C1 5-10]	B008080	50	50	12/06/09
09L0184-07 [SB 6 0-5]	B008080	50	50	12/06/09
09L0184-08 [Dup 1 (SB06 0-5)]	B008080	50	50	12/06/09

**Sample Extraction Data**

SW-846 1030

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-09 [SB 7 0-4]	B008080	50	50	12/06/09
09L0184-10 [WSE 2 2-4]	B008080	50	50	12/06/09
09L0184-12 [C2 5-10]	B008080	50	50	12/06/09

Prep Method: SW-846 3050B-SW-846 6010B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-01 [SB 8 2-4]	B008114	0.9997	50	12/07/09
09L0184-02 [WSE 3 0-5]	B008114	0.9966	50	12/07/09
09L0184-03 [SB 9 1-3]	B008114	0.9972	50	12/07/09
09L0184-04 [C1 5-10]	B008114	0.9994	50	12/07/09
09L0184-07 [SB 6 0-5]	B008114	1	50	12/07/09
09L0184-08 [Dup 1 (SB06 0-5)]	B008114	1.0075	50	12/07/09
09L0184-09 [SB 7 0-4]	B008114	1.0028	50	12/07/09
09L0184-10 [WSE 2 2-4]	B008114	0.9961	50	12/07/09
09L0184-12 [C2 5-10]	B008114	0.9948	50	12/07/09

Prep Method: SW-846 7471A-SW-846 7471A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-01 [SB 8 2-4]	B008170	0.1713	25	12/08/09
09L0184-02 [WSE 3 0-5]	B008170	0.1739	25	12/08/09
09L0184-03 [SB 9 1-3]	B008170	0.1225	25	12/08/09
09L0184-04 [C1 5-10]	B008170	0.1354	25	12/08/09
09L0184-07 [SB 6 0-5]	B008170	0.1151	25	12/08/09
09L0184-08 [Dup 1 (SB06 0-5)]	B008170	0.1514	25	12/08/09
09L0184-09 [SB 7 0-4]	B008170	0.1804	25	12/08/09
09L0184-10 [WSE 2 2-4]	B008170	0.1205	25	12/08/09
09L0184-12 [C2 5-10]	B008170	0.1409	25	12/08/09

Prep Method: SW-846 3546-SW-846 8015B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-02 [WSE 3 0-5]	B008154	30	2	12/08/09
09L0184-03 [SB 9 1-3]	B008154	30	2	12/08/09
09L0184-04 [C1 5-10]	B008154	30	1	12/08/09
09L0184-07 [SB 6 0-5]	B008154	30	2	12/08/09
09L0184-08 [Dup 1 (SB06 0-5)]	B008154	30	2	12/08/09
09L0184-09 [SB 7 0-4]	B008154	30	1	12/08/09
09L0184-12 [C2 5-10]	B008154	30	2	12/08/09

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-01 [SB 8 2-4]	B008197	10	50	12/08/09
09L0184-02 [WSE 3 0-5]	B008197	10	50	12/08/09
09L0184-03 [SB 9 1-3]	B008197	10	50	12/08/09
09L0184-04 [C1 5-10]	B008197	10	50	12/08/09
09L0184-07 [SB 6 0-5]	B008197	10	50	12/08/09
09L0184-08 [Dup 1 (SB06 0-5)]	B008197	10	50	12/08/09



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**Sample Extraction Data**

Prep Method: SW-846 3546-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-09 [SB 7 0-4]	B008197	10	50	12/08/09
09L0184-10 [WSE 2 2-4]	B008197	10	50	12/08/09
09L0184-12 [C2 5-10]	B008197	10	50	12/08/09

Prep Method: SW-846 3546-SW-846 8100 Modified

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-02 [WSE 3 0-5]	B008154	30	2	12/08/09
09L0184-03 [SB 9 1-3]	B008154	30	2	12/08/09
09L0184-04 [C1 5-10]	B008154	30	1	12/08/09
09L0184-07 [SB 6 0-5]	B008154	30	2	12/08/09
09L0184-08 [Dup 1 (SB06 0-5)]	B008154	30	2	12/08/09
09L0184-09 [SB 7 0-4]	B008154	30	1	12/08/09
09L0184-12 [C2 5-10]	B008154	30	2	12/08/09

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-01 [SB 8 2-4]	B008106	12.4	10	12/07/09
09L0184-02 [WSE 3 0-5]	B008106	10.1	10	12/07/09
09L0184-03 [SB 9 1-3]	B008106	10.8	10	12/07/09
09L0184-05 [SB 8 4-5]	B008106	11.2	10	12/07/09
09L0184-13 [Trip Blank]	B008106	5	10	12/07/09

Prep Method: SW-846 5035-SW-846 8260B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-06 [WSE 3 2ft]	B008138	10.5	10	12/07/09
09L0184-07 [SB 6 0-5]	B008138	10.1	10	12/07/09
09L0184-08 [Dup 1 (SB06 0-5)]	B008138	12.2	10	12/07/09
09L0184-09 [SB 7 0-4]	B008138	10	10	12/07/09
09L0184-10 [WSE 2 2-4]	B008138	11.8	10	12/07/09
09L0184-11 [SB 7 5ft]	B008138	10.7	10	12/07/09

Prep Method: SW-846 3546-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-01 [SB 8 2-4]	B008182	30	1	12/08/09
09L0184-02 [WSE 3 0-5]	B008182	30	1	12/08/09
09L0184-03 [SB 9 1-3]	B008182	30	2	12/08/09
09L0184-04 [C1 5-10]	B008182	30	1	12/08/09
09L0184-07 [SB 6 0-5]	B008182	30	2	12/08/09
09L0184-08 [Dup 1 (SB06 0-5)]	B008182	30	2	12/08/09
09L0184-09 [SB 7 0-4]	B008182	30	2	12/08/09
09L0184-10 [WSE 2 2-4]	B008182	30	2	12/08/09
09L0184-12 [C2 5-10]	B008182	30	2	12/08/09



**Sample Extraction Data**

**SW-846 9014**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-01 [SB 8 2-4]	B008107	25.0644	250	12/07/09
09L0184-02 [WSE 3 0-5]	B008107	25.1452	250	12/07/09
09L0184-03 [SB 9 1-3]	B008107	25.049	250	12/07/09
09L0184-04 [C1 5-10]	B008107	25.562	250	12/07/09

**SW-846 9014**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-07 [SB 6 0-5]	B008160	25.3993	250	12/09/09
09L0184-08 [Dup 1 (SB06 0-5)]	B008160	25.6238	250	12/09/09
09L0184-09 [SB 7 0-4]	B008160	25.5665	250	12/09/09
09L0184-10 [WSE 2 2-4]	B008160	25.497	250	12/09/09
09L0184-12 [C2 5-10]	B008160	25.2108	250	12/09/09

**SW-846 9030A**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-01 [SB 8 2-4]	B008109	25.0644	250	12/07/09
09L0184-02 [WSE 3 0-5]	B008109	25.1452	250	12/07/09
09L0184-03 [SB 9 1-3]	B008109	25.049	250	12/07/09
09L0184-04 [C1 5-10]	B008109	25.562	250	12/07/09

**SW-846 9030A**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-07 [SB 6 0-5]	B008161	25.3993	250	12/09/09
09L0184-08 [Dup 1 (SB06 0-5)]	B008161	25.6238	250	12/09/09
09L0184-09 [SB 7 0-4]	B008161	25.5665	250	12/09/09
09L0184-10 [WSE 2 2-4]	B008161	25.497	250	12/09/09
09L0184-12 [C2 5-10]	B008161	25.2108	250	12/09/09

**SW-846 9045D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
09L0184-01 [SB 8 2-4]	B008112	10	12/07/09	12/07/09
09L0184-02 [WSE 3 0-5]	B008112	10	12/07/09	12/07/09
09L0184-03 [SB 9 1-3]	B008112	10	12/07/09	12/07/09
09L0184-04 [C1 5-10]	B008112	10	12/07/09	12/07/09
09L0184-07 [SB 6 0-5]	B008112	10	12/07/09	12/07/09
09L0184-08 [Dup 1 (SB06 0-5)]	B008112	10	12/07/09	12/07/09
09L0184-09 [SB 7 0-4]	B008112	10	12/07/09	12/07/09
09L0184-10 [WSE 2 2-4]	B008112	10	12/07/09	12/07/09
09L0184-12 [C2 5-10]	B008112	10	12/07/09	12/07/09

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008106 - SW-846 5035										
Blank (B008106-BLK1) Prepared & Analyzed: 12/07/09										
Acetone	ND	0.10	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.010	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.010	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.010	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							V-05
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.10	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.010	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.10	mg/Kg wet							
Naphthalene	ND	0.010	mg/Kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008106 - SW-846 5035</b>										
<b>Blank (B008106-BLK1)</b> <span style="float: right;">Prepared &amp; Analyzed: 12/07/09</span>										
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.010	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.010	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.010	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0561		mg/Kg wet	0.0500		112	70-130			
Surrogate: Toluene-d8	0.0478		mg/Kg wet	0.0500		95.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.0467		mg/Kg wet	0.0500		93.4	70-130			
<b>LCS (B008106-BS1)</b> <span style="float: right;">Prepared &amp; Analyzed: 12/07/09</span>										
Acetone	0.251	0.10	mg/Kg wet	0.200		125	70-160			†
tert-Amyl Methyl Ether (TAME)	0.0257	0.0010	mg/Kg wet	0.0200		128	70-130			
Benzene	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130			
Bromobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130			
Bromochloromethane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
Bromodichloromethane	0.0227	0.0020	mg/Kg wet	0.0200		113	70-130			
Bromoform	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130			
Bromomethane	0.0164	0.010	mg/Kg wet	0.0200		82.1	40-130			†
2-Butanone (MEK)	0.259	0.040	mg/Kg wet	0.200		130	70-160			†
n-Butylbenzene	0.0190	0.010	mg/Kg wet	0.0200		95.2	70-130			
sec-Butylbenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130			
tert-Butylbenzene	0.0204	0.010	mg/Kg wet	0.0200		102	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0298	0.0010	mg/Kg wet	0.0200		149 *	70-130			L-02
Carbon Disulfide	0.0240	0.0060	mg/Kg wet	0.0200		120	70-130			
Carbon Tetrachloride	0.0237	0.010	mg/Kg wet	0.0200		119	70-130			
Chlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130			
Chlorodibromomethane	0.0237	0.0010	mg/Kg wet	0.0200		118	70-130			
Chloroethane	0.0208	0.020	mg/Kg wet	0.0200		104	70-130			
Chloroform	0.0234	0.0040	mg/Kg wet	0.0200		117	70-130			
Chloromethane	0.0223	0.010	mg/Kg wet	0.0200		111	70-130			
2-Chlorotoluene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
4-Chlorotoluene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130			
1,2-Dibromoethane (EDB)	0.0235	0.0010	mg/Kg wet	0.0200		118	70-130			
Dibromomethane	0.0231	0.0020	mg/Kg wet	0.0200		115	70-130			
1,2-Dichlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130			
1,3-Dichlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
1,4-Dichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130			



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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008106 - SW-846 5035										
LCS (B008106-BS1) Prepared & Analyzed: 12/07/09										
Dichlorodifluoromethane (Freon 12)	0.0182	0.020	mg/Kg wet	0.0200		91.2	40-160			V-05 †
1,1-Dichloroethane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
1,2-Dichloroethane	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130			
1,1-Dichloroethylene	0.0226	0.0040	mg/Kg wet	0.0200		113	70-130			
cis-1,2-Dichloroethylene	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130			
trans-1,2-Dichloroethylene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
1,2-Dichloropropane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
1,3-Dichloropropane	0.0229	0.0010	mg/Kg wet	0.0200		114	70-130			
2,2-Dichloropropane	0.0247	0.0020	mg/Kg wet	0.0200		123	70-130			
1,1-Dichloropropene	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130			
cis-1,3-Dichloropropene	0.0224	0.010	mg/Kg wet	0.0200		112	70-130			
trans-1,3-Dichloropropene	0.0303	0.0010	mg/Kg wet	0.0200		152 *	70-130			L-02
Diethyl Ether	0.0256	0.020	mg/Kg wet	0.0200		128	70-130			
Diisopropyl Ether (DIPE)	0.0295	0.0010	mg/Kg wet	0.0200		148 *	70-130			L-02
1,4-Dioxane	0.210	0.10	mg/Kg wet	0.200		105	40-160			V-16 †
Ethylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130			
Hexachlorobutadiene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-160			
2-Hexanone (MBK)	0.281	0.10	mg/Kg wet	0.200		140	70-160			V-06 †
Isopropylbenzene (Cumene)	0.0221	0.010	mg/Kg wet	0.0200		111	70-130			
p-Isopropyltoluene (p-Cymene)	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0256	0.0040	mg/Kg wet	0.0200		128	70-130			
Methylene Chloride	0.0251	0.020	mg/Kg wet	0.0200		126	40-160			V-06 †
4-Methyl-2-pentanone (MIBK)	0.284	0.10	mg/Kg wet	0.200		142	70-160			V-06 †
Naphthalene	0.0190	0.010	mg/Kg wet	0.0200		95.0	40-130			†
n-Propylbenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130			
Styrene	0.0206	0.010	mg/Kg wet	0.0200		103	70-130			
1,1,1,2-Tetrachloroethane	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130			
1,1,2,2-Tetrachloroethane	0.0193	0.0010	mg/Kg wet	0.0200		96.3	70-130			
Tetrachloroethylene	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130			
Tetrahydrofuran	0.0171	0.010	mg/Kg wet	0.0200		85.3	70-130			V-16
Toluene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130			
1,2,3-Trichlorobenzene	0.0182	0.010	mg/Kg wet	0.0200		90.8	70-130			
1,2,4-Trichlorobenzene	0.0179	0.010	mg/Kg wet	0.0200		89.3	70-130			
1,1,1-Trichloroethane	0.0242	0.0020	mg/Kg wet	0.0200		121	70-130			
1,1,2-Trichloroethane	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130			
Trichloroethylene	0.0235	0.0020	mg/Kg wet	0.0200		118	70-130			
Trichlorofluoromethane (Freon 11)	0.0212	0.010	mg/Kg wet	0.0200		106	70-130			
1,2,3-Trichloropropane	0.0190	0.0020	mg/Kg wet	0.0200		95.0	70-130			
1,2,4-Trimethylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130			
1,3,5-Trimethylbenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130			
Vinyl Chloride	0.0176	0.010	mg/Kg wet	0.0200		88.0	40-130			†
m+p Xylene	0.0466	0.0040	mg/Kg wet	0.0400		117	70-130			
o-Xylene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0479		mg/Kg wet	0.0500		95.8	70-130			
Surrogate: Toluene-d8	0.0509		mg/Kg wet	0.0500		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.0540		mg/Kg wet	0.0500		108	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008106 - SW-846 5035										
LCS Dup (B008106-BSD1) Prepared & Analyzed: 12/07/09										
Acetone	0.222	0.10	mg/Kg wet	0.200	111	70-160	12.2	25		†
tert-Amyl Methyl Ether (TAME)	0.0222	0.0010	mg/Kg wet	0.0200	111	70-130	14.5	25		
Benzene	0.0200	0.0020	mg/Kg wet	0.0200	99.9	70-130	4.60	25		
Bromobenzene	0.0208	0.0020	mg/Kg wet	0.0200	104	70-130	1.36	25		
Bromochloromethane	0.0204	0.0020	mg/Kg wet	0.0200	102	70-130	7.83	25		
Bromodichloromethane	0.0219	0.0020	mg/Kg wet	0.0200	109	70-130	3.59	25		
Bromoform	0.0214	0.0020	mg/Kg wet	0.0200	107	70-130	11.0	25		
Bromomethane	0.0197	0.010	mg/Kg wet	0.0200	98.5	40-130	18.2	25		†
2-Butanone (MEK)	0.219	0.040	mg/Kg wet	0.200	109	70-160	17.0	25		†
n-Butylbenzene	0.0186	0.010	mg/Kg wet	0.0200	93.1	70-130	2.23	25		
sec-Butylbenzene	0.0188	0.0020	mg/Kg wet	0.0200	94.1	70-130	1.48	25		
tert-Butylbenzene	0.0199	0.010	mg/Kg wet	0.0200	99.4	70-160	2.78	25		†
tert-Butyl Ethyl Ether (TBEE)	0.0267	0.0010	mg/Kg wet	0.0200	133 *	70-130	10.9	25		L-02
Carbon Disulfide	0.0236	0.0060	mg/Kg wet	0.0200	118	70-130	1.93	25		
Carbon Tetrachloride	0.0220	0.010	mg/Kg wet	0.0200	110	70-130	7.43	25		
Chlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200	100	70-130	3.04	25		
Chlorodibromomethane	0.0223	0.0010	mg/Kg wet	0.0200	112	70-130	5.92	25		
Chloroethane	0.0235	0.020	mg/Kg wet	0.0200	118	70-130	12.3	25		
Chloroform	0.0213	0.0040	mg/Kg wet	0.0200	107	70-130	9.38	25		
Chloromethane	0.0258	0.010	mg/Kg wet	0.0200	129	70-130	14.7	25		
2-Chlorotoluene	0.0217	0.0020	mg/Kg wet	0.0200	108	70-130	1.21	25		
4-Chlorotoluene	0.0221	0.0020	mg/Kg wet	0.0200	111	70-130	1.55	25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0191	0.0020	mg/Kg wet	0.0200	95.4	70-130	9.01	25		
1,2-Dibromoethane (EDB)	0.0221	0.0010	mg/Kg wet	0.0200	111	70-130	6.05	25		
Dibromomethane	0.0214	0.0020	mg/Kg wet	0.0200	107	70-130	7.74	25		
1,2-Dichlorobenzene	0.0193	0.0020	mg/Kg wet	0.0200	96.3	70-130	1.85	25		
1,3-Dichlorobenzene	0.0198	0.0020	mg/Kg wet	0.0200	99.0	70-130	2.99	25		
1,4-Dichlorobenzene	0.0183	0.0020	mg/Kg wet	0.0200	91.7	70-130	2.58	25		
Dichlorodifluoromethane (Freon 12)	0.0207	0.020	mg/Kg wet	0.0200	103	40-160	12.4	25		V-05 †
1,1-Dichloroethane	0.0209	0.0020	mg/Kg wet	0.0200	104	70-130	6.13	25		
1,2-Dichloroethane	0.0224	0.0020	mg/Kg wet	0.0200	112	70-130	6.39	25		
1,1-Dichloroethylene	0.0212	0.0040	mg/Kg wet	0.0200	106	70-130	6.39	25		
cis-1,2-Dichloroethylene	0.0212	0.0020	mg/Kg wet	0.0200	106	70-130	8.85	25		
trans-1,2-Dichloroethylene	0.0204	0.0020	mg/Kg wet	0.0200	102	70-130	9.17	25		
1,2-Dichloropropane	0.0214	0.0020	mg/Kg wet	0.0200	107	70-130	2.77	25		
1,3-Dichloropropane	0.0215	0.0010	mg/Kg wet	0.0200	107	70-130	6.40	25		
2,2-Dichloropropane	0.0221	0.0020	mg/Kg wet	0.0200	110	70-130	11.1	25		
1,1-Dichloropropene	0.0211	0.0020	mg/Kg wet	0.0200	106	70-130	10.9	25		
cis-1,3-Dichloropropene	0.0215	0.010	mg/Kg wet	0.0200	107	70-130	4.11	25		
trans-1,3-Dichloropropene	0.0272	0.0010	mg/Kg wet	0.0200	136 *	70-130	10.9	25		L-02
Diethyl Ether	0.0235	0.020	mg/Kg wet	0.0200	118	70-130	8.46	25		
Diisopropyl Ether (DIPE)	0.0275	0.0010	mg/Kg wet	0.0200	138 *	70-130	7.08	25		L-02
1,4-Dioxane	0.199	0.10	mg/Kg wet	0.200	99.5	40-160	5.24	50		V-16 † ‡
Ethylbenzene	0.0218	0.0020	mg/Kg wet	0.0200	109	70-130	1.55	25		
Hexachlorobutadiene	0.0217	0.0020	mg/Kg wet	0.0200	108	70-160	0.0923	25		
2-Hexanone (MBK)	0.240	0.10	mg/Kg wet	0.200	120	70-160	15.9	25		V-06 †
Isopropylbenzene (Cumene)	0.0217	0.010	mg/Kg wet	0.0200	109	70-130	1.73	25		
p-Isopropyltoluene (p-Cymene)	0.0219	0.0020	mg/Kg wet	0.0200	110	70-130	2.79	25		
Methyl tert-Butyl Ether (MTBE)	0.0225	0.0040	mg/Kg wet	0.0200	112	70-130	12.9	25		
Methylene Chloride	0.0270	0.020	mg/Kg wet	0.0200	135	40-160	7.37	25		V-06 †
4-Methyl-2-pentanone (MIBK)	0.249	0.10	mg/Kg wet	0.200	125	70-160	13.1	25		V-06 †
Naphthalene	0.0178	0.010	mg/Kg wet	0.0200	89.2	40-130	6.30	25		†



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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008106 - SW-846 5035</b>										
<b>LCS Dup (B008106-BSD1)</b>				Prepared & Analyzed: 12/07/09						
n-Propylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	0.0978	25	
Styrene	0.0206	0.010	mg/Kg wet	0.0200		103	70-130	0.291	25	
1,1,1,2-Tetrachloroethane	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130	7.26	25	
1,1,2,2-Tetrachloroethane	0.0179	0.0010	mg/Kg wet	0.0200		89.5	70-130	7.32	25	
Tetrachloroethylene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130	0.945	25	
Tetrahydrofuran	0.0179	0.010	mg/Kg wet	0.0200		89.6	70-130	4.92	25	V-16
Toluene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	2.17	25	
1,2,3-Trichlorobenzene	0.0174	0.010	mg/Kg wet	0.0200		86.9	70-130	4.39	25	
1,2,4-Trichlorobenzene	0.0172	0.010	mg/Kg wet	0.0200		86.2	70-130	3.53	25	
1,1,1-Trichloroethane	0.0227	0.0020	mg/Kg wet	0.0200		113	70-130	6.65	25	
1,1,2-Trichloroethane	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	6.70	25	
Trichloroethylene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	5.77	25	
Trichlorofluoromethane (Freon 11)	0.0200	0.010	mg/Kg wet	0.0200		100	70-130	5.82	25	
1,2,3-Trichloropropane	0.0173	0.0020	mg/Kg wet	0.0200		86.6	70-130	9.25	25	
1,2,4-Trimethylbenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130	3.51	25	
1,3,5-Trimethylbenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	0.993	25	
Vinyl Chloride	0.0201	0.010	mg/Kg wet	0.0200		100	40-130	13.2	25	†
m+p Xylene	0.0464	0.0040	mg/Kg wet	0.0400		116	70-130	0.516	25	
o-Xylene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	0.298	25	
Surrogate: 1,2-Dichloroethane-d4	0.0441		mg/Kg wet	0.0500		88.2	70-130			
Surrogate: Toluene-d8	0.0535		mg/Kg wet	0.0500		107	70-130			
Surrogate: 4-Bromofluorobenzene	0.0557		mg/Kg wet	0.0500		111	70-130			

**Batch B008138 - SW-846 5035**

<b>Blank (B008138-BLK1)</b>				Prepared & Analyzed: 12/08/09						
Acetone	ND	0.10	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoforn	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.010	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.010	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.010	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008138 - SW-846 5035										
Blank (B008138-BLK1) Prepared & Analyzed: 12/08/09										
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							V-05
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.10	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.010	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.10	mg/Kg wet							
Naphthalene	ND	0.010	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.010	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.010	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.010	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0580		mg/Kg wet	0.0500		116	70-130			
Surrogate: Toluene-d8	0.0477		mg/Kg wet	0.0500		95.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.0484		mg/Kg wet	0.0500		96.8	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008138 - SW-846 5035										
LCS (B008138-BS1) Prepared & Analyzed: 12/08/09										
Acetone	0.243	0.10	mg/Kg wet	0.200		121	70-160			†
tert-Amyl Methyl Ether (TAME)	0.0204	0.0010	mg/Kg wet	0.0200		102	70-130			
Benzene	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130			
Bromobenzene	0.0200	0.0020	mg/Kg wet	0.0200		99.9	70-130			
Bromochloromethane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
Bromodichloromethane	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130			
Bromoform	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
Bromomethane	0.0192	0.010	mg/Kg wet	0.0200		95.8	40-130			†
2-Butanone (MEK)	0.226	0.040	mg/Kg wet	0.200		113	70-160			†
n-Butylbenzene	0.0182	0.010	mg/Kg wet	0.0200		90.8	70-130			
sec-Butylbenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.6	70-130			
tert-Butylbenzene	0.0189	0.010	mg/Kg wet	0.0200		94.5	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0263	0.0010	mg/Kg wet	0.0200		131 *	70-130			L-02
Carbon Disulfide	0.0245	0.0060	mg/Kg wet	0.0200		122	70-130			
Carbon Tetrachloride	0.0214	0.010	mg/Kg wet	0.0200		107	70-130			
Chlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.7	70-130			
Chlorodibromomethane	0.0217	0.0010	mg/Kg wet	0.0200		108	70-130			
Chloroethane	0.0239	0.020	mg/Kg wet	0.0200		119	70-130			
Chloroform	0.0216	0.0040	mg/Kg wet	0.0200		108	70-130			
Chloromethane	0.0248	0.010	mg/Kg wet	0.0200		124	70-130			
2-Chlorotoluene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130			
4-Chlorotoluene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0189	0.0020	mg/Kg wet	0.0200		94.7	70-130			
1,2-Dibromoethane (EDB)	0.0224	0.0010	mg/Kg wet	0.0200		112	70-130			
Dibromomethane	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
1,2-Dichlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130			
1,3-Dichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130			
1,4-Dichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.5	70-130			
Dichlorodifluoromethane (Freon 12)	0.0199	0.020	mg/Kg wet	0.0200		99.6	40-160			V-05 †
1,1-Dichloroethane	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130			
1,2-Dichloroethane	0.0227	0.0020	mg/Kg wet	0.0200		114	70-130			
1,1-Dichloroethylene	0.0221	0.0040	mg/Kg wet	0.0200		110	70-130			
cis-1,2-Dichloroethylene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
trans-1,2-Dichloroethylene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
1,2-Dichloropropane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
1,3-Dichloropropane	0.0213	0.0010	mg/Kg wet	0.0200		107	70-130			
2,2-Dichloropropane	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130			
1,1-Dichloropropene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130			
cis-1,3-Dichloropropene	0.0197	0.010	mg/Kg wet	0.0200		98.4	70-130			
trans-1,3-Dichloropropene	0.0266	0.0010	mg/Kg wet	0.0200		133 *	70-130			L-07
Diethyl Ether	0.0243	0.020	mg/Kg wet	0.0200		122	70-130			
Diisopropyl Ether (DIPE)	0.0236	0.0010	mg/Kg wet	0.0200		118	70-130			
1,4-Dioxane	0.195	0.10	mg/Kg wet	0.200		97.5	40-160			V-16 †
Ethylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
Hexachlorobutadiene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-160			
2-Hexanone (MBK)	0.257	0.10	mg/Kg wet	0.200		129	70-160			†
Isopropylbenzene (Cumene)	0.0211	0.010	mg/Kg wet	0.0200		106	70-130			
p-Isopropyltoluene (p-Cymene)	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0228	0.0040	mg/Kg wet	0.0200		114	70-130			
Methylene Chloride	0.0288	0.020	mg/Kg wet	0.0200		144	40-160			V-06 †
4-Methyl-2-pentanone (MIBK)	0.258	0.10	mg/Kg wet	0.200		129	70-160			†
Naphthalene	0.0183	0.010	mg/Kg wet	0.0200		91.7	40-130			†



QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008138 - SW-846 5035										
LCS (B008138-BS1) Prepared & Analyzed: 12/08/09										
n-Propylbenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130			
Styrene	0.0197	0.010	mg/Kg wet	0.0200		98.7	70-130			
1,1,1,2-Tetrachloroethane	0.0187	0.0020	mg/Kg wet	0.0200		93.3	70-130			
1,1,2,2-Tetrachloroethane	0.0175	0.0010	mg/Kg wet	0.0200		87.4	70-130			
Tetrachloroethylene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130			
Tetrahydrofuran	0.0178	0.010	mg/Kg wet	0.0200		89.0	70-130			V-16
Toluene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
1,2,3-Trichlorobenzene	0.0179	0.010	mg/Kg wet	0.0200		89.6	70-130			
1,2,4-Trichlorobenzene	0.0171	0.010	mg/Kg wet	0.0200		85.6	70-130			
1,1,1-Trichloroethane	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130			
1,1,2-Trichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130			
Trichloroethylene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
Trichlorofluoromethane (Freon 11)	0.0211	0.010	mg/Kg wet	0.0200		106	70-130			
1,2,3-Trichloropropane	0.0178	0.0020	mg/Kg wet	0.0200		89.2	70-130			
1,2,4-Trimethylbenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.4	70-130			
1,3,5-Trimethylbenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130			
Vinyl Chloride	0.0202	0.010	mg/Kg wet	0.0200		101	40-130			†
m+p Xylene	0.0455	0.0040	mg/Kg wet	0.0400		114	70-130			
o-Xylene	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0451		mg/Kg wet	0.0500		90.2	70-130			
Surrogate: Toluene-d8	0.0544		mg/Kg wet	0.0500		109	70-130			
Surrogate: 4-Bromofluorobenzene	0.0558		mg/Kg wet	0.0500		112	70-130			
LCS Dup (B008138-BS1) Prepared & Analyzed: 12/08/09										
Acetone	0.253	0.10	mg/Kg wet	0.200		126	70-160	3.99	25	†
tert-Amyl Methyl Ether (TAME)	0.0216	0.0010	mg/Kg wet	0.0200		108	70-130	5.73	25	
Benzene	0.0190	0.0020	mg/Kg wet	0.0200		95.1	70-130	1.36	25	
Bromobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130	6.62	25	
Bromochloromethane	0.0209	0.0020	mg/Kg wet	0.0200		105	70-130	0.0955	25	
Bromodichloromethane	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	3.47	25	
Bromoform	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	3.09	25	
Bromomethane	0.0166	0.010	mg/Kg wet	0.0200		82.8	40-130	14.6	25	†
2-Butanone (MEK)	0.255	0.040	mg/Kg wet	0.200		128	70-160	12.1	25	†
n-Butylbenzene	0.0171	0.010	mg/Kg wet	0.0200		85.3	70-130	6.25	25	
sec-Butylbenzene	0.0172	0.0020	mg/Kg wet	0.0200		85.9	70-130	5.33	25	
tert-Butylbenzene	0.0182	0.010	mg/Kg wet	0.0200		91.1	70-160	3.66	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0277	0.0010	mg/Kg wet	0.0200		139 *	70-130	5.48	25	L-02
Carbon Disulfide	0.0227	0.0060	mg/Kg wet	0.0200		113	70-130	7.55	25	
Carbon Tetrachloride	0.0210	0.010	mg/Kg wet	0.0200		105	70-130	1.60	25	
Chlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130	4.77	25	
Chlorodibromomethane	0.0211	0.0010	mg/Kg wet	0.0200		106	70-130	2.52	25	
Chloroethane	0.0206	0.020	mg/Kg wet	0.0200		103	70-130	14.7	25	
Chloroform	0.0218	0.0040	mg/Kg wet	0.0200		109	70-130	0.738	25	
Chloromethane	0.0213	0.010	mg/Kg wet	0.0200		107	70-130	15.0	25	
2-Chlorotoluene	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130	10.6	25	
4-Chlorotoluene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	9.06	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0190	0.0020	mg/Kg wet	0.0200		94.8	70-130	0.106	25	
1,2-Dibromoethane (EDB)	0.0221	0.0010	mg/Kg wet	0.0200		110	70-130	1.53	25	
Dibromomethane	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	0.469	25	
1,2-Dichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.0	70-130	6.06	25	
1,3-Dichlorobenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.7	70-130	5.72	25	
1,4-Dichlorobenzene	0.0170	0.0020	mg/Kg wet	0.0200		85.1	70-130	6.15	25	



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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008138 - SW-846 5035										
LCS Dup (B008138-BSD1) Prepared & Analyzed: 12/08/09										
Dichlorodifluoromethane (Freon 12)	0.0166	0.020	mg/Kg wet	0.0200		82.8	40-160	18.4	25	V-05 †
1,1-Dichloroethane	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	2.22	25	
1,2-Dichloroethane	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	1.51	25	
1,1-Dichloroethylene	0.0216	0.0040	mg/Kg wet	0.0200		108	70-130	2.29	25	
cis-1,2-Dichloroethylene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	1.04	25	
trans-1,2-Dichloroethylene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	0.288	25	
1,2-Dichloropropane	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130	3.07	25	
1,3-Dichloropropane	0.0211	0.0010	mg/Kg wet	0.0200		105	70-130	1.23	25	
2,2-Dichloropropane	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130	0.0938	25	
1,1-Dichloropropene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	0.373	25	
cis-1,3-Dichloropropene	0.0193	0.010	mg/Kg wet	0.0200		96.7	70-130	1.74	25	
trans-1,3-Dichloropropene	0.0260	0.0010	mg/Kg wet	0.0200		130	70-130	2.13	25	
Diethyl Ether	0.0244	0.020	mg/Kg wet	0.0200		122	70-130	0.164	25	
Diisopropyl Ether (DIPE)	0.0238	0.0010	mg/Kg wet	0.0200		119	70-130	0.842	25	
1,4-Dioxane	0.174	0.10	mg/Kg wet	0.200		87.1	40-160	11.3	50	V-16 † ‡
Ethylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.1	70-130	7.76	25	
Hexachlorobutadiene	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-160	9.27	25	
2-Hexanone (MBK)	0.271	0.10	mg/Kg wet	0.200		136	70-160	5.34	25	†
Isopropylbenzene (Cumene)	0.0195	0.010	mg/Kg wet	0.0200		97.4	70-130	8.17	25	
p-Isopropyltoluene (p-Cymene)	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130	5.61	25	
Methyl tert-Butyl Ether (MTBE)	0.0238	0.0040	mg/Kg wet	0.0200		119	70-130	4.38	25	
Methylene Chloride	0.0255	0.020	mg/Kg wet	0.0200		128	40-160	12.2	25	V-06 †
4-Methyl-2-pentanone (MIBK)	0.272	0.10	mg/Kg wet	0.200		136	70-160	5.18	25	†
Naphthalene	0.0179	0.010	mg/Kg wet	0.0200		89.6	40-130	2.32	25	†
n-Propylbenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.7	70-130	8.77	25	
Styrene	0.0183	0.010	mg/Kg wet	0.0200		91.6	70-130	7.46	25	
1,1,1,2-Tetrachloroethane	0.0188	0.0020	mg/Kg wet	0.0200		94.0	70-130	0.747	25	
1,1,2,2-Tetrachloroethane	0.0182	0.0010	mg/Kg wet	0.0200		91.2	70-130	4.26	25	
Tetrachloroethylene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130	6.14	25	
Tetrahydrofuran	0.0190	0.010	mg/Kg wet	0.0200		95.0	70-130	6.52	25	V-16
Toluene	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130	10.6	25	
1,2,3-Trichlorobenzene	0.0167	0.010	mg/Kg wet	0.0200		83.3	70-130	7.29	25	
1,2,4-Trichlorobenzene	0.0160	0.010	mg/Kg wet	0.0200		80.0	70-130	6.76	25	
1,1,1-Trichloroethane	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	3.51	25	
1,1,2-Trichloroethane	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	3.34	25	
Trichloroethylene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	1.20	25	
Trichlorofluoromethane (Freon 11)	0.0206	0.010	mg/Kg wet	0.0200		103	70-130	2.39	25	
1,2,3-Trichloropropane	0.0181	0.0020	mg/Kg wet	0.0200		90.6	70-130	1.56	25	
1,2,4-Trimethylbenzene	0.0174	0.0020	mg/Kg wet	0.0200		87.1	70-130	4.82	25	
1,3,5-Trimethylbenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.4	70-130	7.50	25	
Vinyl Chloride	0.0169	0.010	mg/Kg wet	0.0200		84.6	40-130	17.9	25	†
m+p Xylene	0.0418	0.0040	mg/Kg wet	0.0400		104	70-130	8.62	25	
o-Xylene	0.0179	0.0020	mg/Kg wet	0.0200		89.7	70-130	7.72	25	
Surrogate: 1,2-Dichloroethane-d4	0.0488		mg/Kg wet	0.0500		97.6	70-130			
Surrogate: Toluene-d8	0.0515		mg/Kg wet	0.0500		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.0552		mg/Kg wet	0.0500		110	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008138 - SW-846 5035										
<b>Matrix Spike (B008138-MS1)</b>										
<b>Source: 09L0184-08</b>										
Prepared & Analyzed: 12/08/09										
Acetone	0.138	0.051	mg/Kg dry	0.102	0.0202	115	70-130			
tert-Amyl Methyl Ether (TAME)	0.00856	0.00051	mg/Kg dry	0.0102	ND	83.9	70-130			
Benzene	0.00854	0.0010	mg/Kg dry	0.0102	ND	83.8	70-130			
Bromobenzene	0.00890	0.0010	mg/Kg dry	0.0102	ND	87.3	70-130			
Bromochloromethane	0.00968	0.0010	mg/Kg dry	0.0102	ND	94.9	70-130			
Bromodichloromethane	0.00979	0.0010	mg/Kg dry	0.0102	ND	96.0	70-130			
Bromoform	0.00870	0.0010	mg/Kg dry	0.0102	ND	85.3	70-130			
Bromomethane	0.0107	0.0051	mg/Kg dry	0.0102	ND	105	70-130			
2-Butanone (MEK)	0.105	0.020	mg/Kg dry	0.102	ND	103	70-130			
n-Butylbenzene	0.00796	0.0051	mg/Kg dry	0.0102	ND	78.1	70-130			
sec-Butylbenzene	0.00759	0.0010	mg/Kg dry	0.0102	ND	74.4	70-130			
tert-Bntylbenzene	0.00795	0.0051	mg/Kg dry	0.0102	ND	78.0	70-130			
tert-Bntyl Ethyl Ether (TBEE)	0.0101	0.00051	mg/Kg dry	0.0102	ND	99.1	70-130			L-02
Carbon Disulfide	0.0107	0.0031	mg/Kg dry	0.0102	ND	105	70-130			
Carbon Tetrachloride	0.00969	0.0051	mg/Kg dry	0.0102	ND	95.0	70-130			
Chlorobenzene	0.00888	0.0010	mg/Kg dry	0.0102	ND	87.1	70-130			
Chlorodibromomethane	0.0101	0.00051	mg/Kg dry	0.0102	ND	98.6	70-130			
Chloroethane	0.0127	0.010	mg/Kg dry	0.0102	ND	124	70-130			
Chloroform	0.00968	0.0020	mg/Kg dry	0.0102	ND	94.9	70-130			
<b>Chloromethane</b>	0.0135	0.0051	mg/Kg dry	0.0102	ND	<b>132</b>	70-130	*		MS-14
2-Chlorotoluene	0.00972	0.0010	mg/Kg dry	0.0102	ND	95.3	70-130			
4-Chlorotoluene	0.00996	0.0010	mg/Kg dry	0.0102	ND	97.7	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.00780	0.0010	mg/Kg dry	0.0102	ND	76.5	70-130			
1,2-Dibromoethane (EDB)	0.0106	0.00051	mg/Kg dry	0.0102	ND	104	70-130			
Dibromomethane	0.0108	0.0010	mg/Kg dry	0.0102	ND	106	70-130			
1,2-Dichlorobenzene	0.00804	0.0010	mg/Kg dry	0.0102	ND	78.8	70-130			
1,3-Dichlorobenzene	0.00833	0.0010	mg/Kg dry	0.0102	ND	81.7	70-130			
1,4-Dichlorobenzene	0.00781	0.0010	mg/Kg dry	0.0102	ND	76.6	70-130			
Dichlorodifluoromethane (Freon 12)	0.0103	0.010	mg/Kg dry	0.0102	ND	101	70-130			V-05
1,1-Dichloroethane	0.00924	0.0010	mg/Kg dry	0.0102	ND	90.6	70-130			
1,2-Dichloroethane	0.0112	0.0010	mg/Kg dry	0.0102	ND	110	70-130			
1,1-Dichloroethylene	0.00977	0.0020	mg/Kg dry	0.0102	ND	95.8	70-130			
cis-1,2-Dichloroethylene	0.00897	0.0010	mg/Kg dry	0.0102	ND	88.0	70-130			
trans-1,2-Dichloroethylene	0.00921	0.0010	mg/Kg dry	0.0102	ND	90.3	70-130			
1,2-Dichloropropane	0.0100	0.0010	mg/Kg dry	0.0102	ND	98.3	70-130			
1,3-Dichloropropane	0.00978	0.00051	mg/Kg dry	0.0102	ND	95.9	70-130			
2,2-Dichloropropane	0.00887	0.0010	mg/Kg dry	0.0102	ND	87.0	70-130			
1,1-Dichloropropene	0.00901	0.0010	mg/Kg dry	0.0102	ND	88.4	70-130			
cis-1,3-Dichloropropene	0.00819	0.0051	mg/Kg dry	0.0102	ND	80.3	70-130			
trans-1,3-Dichloropropene	0.0106	0.00051	mg/Kg dry	0.0102	ND	104	70-130			
Diethyl Ether	0.0108	0.010	mg/Kg dry	0.0102	ND	106	70-130			
Diisopropyl Ether (DIPE)	0.0108	0.00051	mg/Kg dry	0.0102	ND	106	70-130			
1,4-Dioxane	0.106	0.051	mg/Kg dry	0.102	ND	104	70-130			V-16
Ethylbenzene	0.00946	0.0010	mg/Kg dry	0.0102	ND	92.8	70-130			
Hexachlorobutadiene	0.00926	0.0010	mg/Kg dry	0.0102	ND	90.8	70-130			
2-Hexanone (MBK)	0.128	0.051	mg/Kg dry	0.102	ND	125	70-130			
Isopropylbenzene (Cumene)	0.00913	0.0051	mg/Kg dry	0.0102	ND	89.5	70-130			
p-Isopropyltoluene (p-Cymene)	0.00909	0.0010	mg/Kg dry	0.0102	ND	89.1	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0103	0.0020	mg/Kg dry	0.0102	ND	101	70-130			
<b>Methylene Chloride</b>	0.0158	0.010	mg/Kg dry	0.0102	0.00212	<b>134</b>	70-130	*		MS-14, V-06
4-Methyl-2-pentanone (MIBK)	0.129	0.051	mg/Kg dry	0.102	ND	127	70-130			
<b>Naphthalene</b>	0.00690	0.0051	mg/Kg dry	0.0102	0.00279	<b>40.3</b>	70-130	*		MS-07



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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008138 - SW-846 5035</b>										
<b>Matrix Spike (B008138-MS1)</b>										
		<b>Source: 09L0184-08</b>			<b>Prepared &amp; Analyzed: 12/08/09</b>					
n-Propylbenzene	0.00904	0.0010	mg/Kg dry	0.0102	ND	88.7	70-130			
Styrene	0.00892	0.0051	mg/Kg dry	0.0102	ND	87.5	70-130			
1,1,1,2-Tetrachloroethane	0.00787	0.0010	mg/Kg dry	0.0102	ND	77.2	70-130			
1,1,2,2-Tetrachloroethane	0.00806	0.00051	mg/Kg dry	0.0102	ND	79.0	70-130			
Tetrachloroethylene	0.0111	0.0010	mg/Kg dry	0.0102	ND	109	70-130			
Tetrahydrofuran	0.00838	0.0051	mg/Kg dry	0.0102	ND	82.2	70-130			V-16
Toluene	0.0112	0.0010	mg/Kg dry	0.0102	ND	110	70-130			
1,2,3-Trichlorobenzene	0.00694	0.0051	mg/Kg dry	0.0102	0.00126	55.7 *	70-130			MS-07
1,2,4-Trichlorobenzene	0.00692	0.0051	mg/Kg dry	0.0102	0.00143	53.9 *	70-130			MS-07
1,1,1-Trichloroethane	0.00974	0.0010	mg/Kg dry	0.0102	ND	95.5	70-130			
1,1,2-Trichloroethane	0.00971	0.0010	mg/Kg dry	0.0102	ND	95.2	70-130			
Trichloroethylene	0.0103	0.0010	mg/Kg dry	0.0102	ND	101	70-130			
Trichlorofluoromethane (Freon 11)	0.0100	0.0051	mg/Kg dry	0.0102	ND	98.5	70-130			
1,2,3-Trichloropropane	0.00809	0.0010	mg/Kg dry	0.0102	ND	79.3	70-130			
1,2,4-Trimethylbenzene	0.00810	0.0010	mg/Kg dry	0.0102	ND	79.4	70-130			
1,3,5-Trimethylbenzene	0.00913	0.0010	mg/Kg dry	0.0102	ND	89.5	70-130			
Vinyl Chloride	0.0105	0.0051	mg/Kg dry	0.0102	ND	103	70-130			
m+p Xylene	0.0207	0.0020	mg/Kg dry	0.0204	ND	102	70-130			
o-Xylene	0.00846	0.0010	mg/Kg dry	0.0102	ND	83.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0225		mg/Kg dry	0.0255		88.3	70-130			
Surrogate: Toluene-d8	0.0308		mg/Kg dry	0.0255		121	70-130			
Surrogate: 4-Bromofluorobenzene	0.0289		mg/Kg dry	0.0255		113	70-130			

QUALITY CONTROL

Semivolatle Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008182 - SW-846 3546										
Blank (B008182-BLK1) Prepared: 12/08/09 Analyzed: 12/10/09										
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008182 - SW-846 3546</b>										
<b>Blank (B008182-BLK1)</b>										
Prepared: 12/08/09 Analyzed: 12/10/09										
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	6.11		mg/Kg wet	6.67		91.6	30-130			
Surrogate: Phenol-d6	6.52		mg/Kg wet	6.67		97.7	30-130			
Surrogate: Nitrobenzene-d5	2.53		mg/Kg wet	3.33		76.0	30-130			
Surrogate: 2-Fluorobiphenyl	2.41		mg/Kg wet	3.33		72.3	30-130			
Surrogate: 2,4,6-Tribromophenol	5.96		mg/Kg wet	6.67		89.3	30-130			
Surrogate: Terphenyl-d14	2.91		mg/Kg wet	3.33		87.2	30-130			
<b>LCS (B008182-BS1)</b>										
Prepared: 12/08/09 Analyzed: 12/10/09										
Acenaphthene	1.04	0.17	mg/Kg wet	1.67		62.3	40-140			
Acenaphthylene	0.995	0.17	mg/Kg wet	1.67		59.7	40-140			
Acetophenone	0.515	0.34	mg/Kg wet	0.833		61.8	40-140			
Aniline	1.05	0.34	mg/Kg wet	1.67		63.2	10-140			†
Anthracene	1.04	0.17	mg/Kg wet	1.67		62.7	40-140			
Benzo(a)anthracene	1.08	0.17	mg/Kg wet	1.67		64.7	40-140			
Benzo(a)pyrene	1.04	0.17	mg/Kg wet	1.67		62.2	40-140			
Benzo(b)fluoranthene	0.923	0.17	mg/Kg wet	1.67		55.4	40-140			
Benzo(g,h,i)perylene	0.993	0.17	mg/Kg wet	1.67		59.6	40-140			
Benzo(k)fluoranthene	1.09	0.17	mg/Kg wet	1.67		65.4	40-140			
Bis(2-chloroethoxy)methane	1.15	0.34	mg/Kg wet	1.67		69.1	40-140			
Bis(2-chloroethyl)ether	1.20	0.34	mg/Kg wet	1.67		72.3	40-140			
Bis(2-chloroisopropyl)ether	1.21	0.34	mg/Kg wet	1.67		72.5	40-140			
Bis(2-Ethylhexyl)phthalate	1.63	0.34	mg/Kg wet	1.67		97.5	40-140			
4-Bromobenzylphenylether	1.06	0.34	mg/Kg wet	1.67		63.4	40-140			
Butylbenzylphthalate	1.22	0.66	mg/Kg wet	1.67		73.4	40-140			
4-Chloroaniline	0.741	0.66	mg/Kg wet	1.67		44.5	10-140			†
2-Chloronaphthalene	0.938	0.34	mg/Kg wet	1.67		56.3	40-140			
2-Chlorophenol	1.08	0.34	mg/Kg wet	1.67		64.9	30-130			
Chrysene	1.12	0.17	mg/Kg wet	1.67		67.3	40-140			
Dibenz(a,h)anthracene	0.892	0.17	mg/Kg wet	1.67		53.5	40-140			
Dibenzofuran	1.04	0.34	mg/Kg wet	1.67		62.2	40-140			
Di-n-butylphthalate	1.11	0.34	mg/Kg wet	1.67		66.4	40-140			
1,2-Dichlorobenzene	1.04	0.34	mg/Kg wet	1.67		62.3	40-140			
1,3-Dichlorobenzene	1.03	0.34	mg/Kg wet	1.67		61.9	40-140			
1,4-Dichlorobenzene	1.04	0.34	mg/Kg wet	1.67		62.7	40-140			
3,3-Dichlorobenzidine	0.870	0.17	mg/Kg wet	1.67		52.2	20-140			†
2,4-Dichlorophenol	0.981	0.34	mg/Kg wet	1.67		58.9	30-130			
Diethylphthalate	1.01	0.34	mg/Kg wet	1.67		60.5	40-140			
2,4-Dimethylphenol	1.05	0.34	mg/Kg wet	1.67		63.1	30-130			
Dimethylphthalate	1.08	0.66	mg/Kg wet	1.67		64.8	40-140			
2,4-Dinitrophenol	0.944	0.66	mg/Kg wet	1.67		56.6	30-130			V-19
2,4-Dinitrotoluene	0.995	0.34	mg/Kg wet	1.67		59.7	40-140			
2,6-Dinitrotoluene	1.10	0.34	mg/Kg wet	1.67		66.0	40-140			
Di-n-octylphthalate	0.998	0.66	mg/Kg wet	1.67		59.9	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.21	0.34	mg/Kg wet	1.67		72.7	40-140			
Fluoranthene	1.22	0.17	mg/Kg wet	1.67		73.5	40-140			
Fluorene	0.973	0.17	mg/Kg wet	1.67		58.4	40-140			
Hexachlorobenzene	1.06	0.34	mg/Kg wet	1.67		63.7	40-140			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008182 - SW-846 3546										
LCS (B008182-BS1) Prepared: 12/08/09 Analyzed: 12/10/09										
Hexachlorobutadiene	0.967	0.34	mg/Kg wet	1.67		58.0	40-140			
Hexachloroethane	1.06	0.34	mg/Kg wet	1.67		63.8	40-140			
Indeno(1,2,3-cd)pyrene	0.909	0.17	mg/Kg wet	1.67		54.6	40-140			
Isophorone	1.18	0.34	mg/Kg wet	1.67		71.0	40-140			
2-Methylnaphthalene	0.962	0.17	mg/Kg wet	1.67		57.7	40-140			
2-Methylphenol	1.10	0.34	mg/Kg wet	1.67		66.2	30-130			
3/4-Methylphenol	1.08	0.34	mg/Kg wet	1.67		65.0	30-130			
Naphthalene	0.994	0.17	mg/Kg wet	1.67		59.6	40-140			
Nitrobenzene	1.10	0.34	mg/Kg wet	1.67		66.2	40-140			
2-Nitrophenol	1.01	0.34	mg/Kg wet	1.67		60.3	30-130			
4-Nitrophenol	0.901	0.66	mg/Kg wet	1.67		54.1	30-130			
Pentachlorophenol	0.832	0.34	mg/Kg wet	1.67		49.9	30-130			
Phenanthrene	1.07	0.17	mg/Kg wet	1.67		64.1	40-140			
Phenol	1.22	0.34	mg/Kg wet	1.67		73.4	30-130			
Pyrene	1.14	0.17	mg/Kg wet	1.67		68.3	40-140			
1,2,4-Trichlorobenzene	1.01	0.34	mg/Kg wet	1.67		60.6	40-140			
2,4,5-Trichlorophenol	1.05	0.34	mg/Kg wet	1.67		62.8	30-130			
2,4,6-Trichlorophenol	1.06	0.34	mg/Kg wet	1.67		63.6	30-130			
Surrogate: 2-Fluorophenol	5.03		mg/Kg wet	6.67		75.5	30-130			
Surrogate: Phenol-d6	5.12		mg/Kg wet	6.67		76.9	30-130			
Surrogate: Nitrobenzene-d5	2.28		mg/Kg wet	3.33		68.4	30-130			
Surrogate: 2-Fluorobiphenyl	2.38		mg/Kg wet	3.33		71.5	30-130			
Surrogate: 2,4,6-Tribromophenol	4.32		mg/Kg wet	6.67		64.8	30-130			
Surrogate: Terphenyl-d14	2.53		mg/Kg wet	3.33		75.8	30-130			
LCS Dup (B008182-BSD1) Prepared: 12/08/09 Analyzed: 12/10/09										
Acenaphthene	1.20	0.17	mg/Kg wet	1.67		72.1	40-140	14.5	30	
Acenaphthylene	1.17	0.17	mg/Kg wet	1.67		70.3	40-140	16.3	30	
Acetophenone	0.595	0.34	mg/Kg wet	0.833		71.4	40-140	14.5	30	
Aniline	1.23	0.34	mg/Kg wet	1.67		74.1	10-140	15.9	50	† ‡
Anthracene	1.22	0.17	mg/Kg wet	1.67		73.4	40-140	15.7	30	
Benzo(a)anthracene	1.25	0.17	mg/Kg wet	1.67		75.2	40-140	15.1	30	
Benzo(a)pyrene	1.23	0.17	mg/Kg wet	1.67		73.7	40-140	16.9	30	
Benzo(b)fluoranthene	1.11	0.17	mg/Kg wet	1.67		66.5	40-140	18.3	30	
Benzo(g,h,i)perylene	1.18	0.17	mg/Kg wet	1.67		71.0	40-140	17.5	30	
Benzo(k)fluoranthene	1.24	0.17	mg/Kg wet	1.67		74.6	40-140	13.1	30	
Bis(2-chloroethoxy)methane	1.34	0.34	mg/Kg wet	1.67		80.5	40-140	15.2	30	
Bis(2-chloroethyl)ether	1.36	0.34	mg/Kg wet	1.67		81.4	40-140	11.9	30	
Bis(2-chloroisopropyl)ether	1.37	0.34	mg/Kg wet	1.67		82.0	40-140	12.4	30	
Bis(2-Ethylhexyl)phthalate	1.95	0.34	mg/Kg wet	1.67		117	40-140	18.0	30	
4-Bromophenylphenylether	1.23	0.34	mg/Kg wet	1.67		73.6	40-140	14.9	30	
Butylbenzylphthalate	1.40	0.66	mg/Kg wet	1.67		83.8	40-140	13.3	30	
4-Chloroaniline	0.537	0.66	mg/Kg wet	1.67		32.2	10-140	31.9 *	30	R-05 †
2-Chloronaphthalene	1.07	0.34	mg/Kg wet	1.67		64.4	40-140	13.4	30	
2-Chlorophenol	1.22	0.34	mg/Kg wet	1.67		73.3	30-130	12.1	30	
Chrysene	1.32	0.17	mg/Kg wet	1.67		79.4	40-140	16.5	30	
Dibenz(a,h)anthracene	1.05	0.17	mg/Kg wet	1.67		62.9	40-140	16.1	30	
Dibenzofuran	1.23	0.34	mg/Kg wet	1.67		74.0	40-140	17.4	30	
Di-n-butylphthalate	1.28	0.34	mg/Kg wet	1.67		76.8	40-140	14.6	30	
1,2-Dichlorobenzene	1.20	0.34	mg/Kg wet	1.67		72.2	40-140	14.8	30	
1,3-Dichlorobenzene	1.19	0.34	mg/Kg wet	1.67		71.6	40-140	14.5	30	
1,4-Dichlorobenzene	1.21	0.34	mg/Kg wet	1.67		72.9	40-140	15.0	30	



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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008182 - SW-846 3546										
LCS Dup (B008182-BSD1) Prepared: 12/08/09 Analyzed: 12/10/09										
3,3-Dichlorobenzidine	0.890	0.17	mg/Kg wet	1.67		53.4	20-140	2.31	50	† ‡
2,4-Dichlorophenol	1.16	0.34	mg/Kg wet	1.67		69.6	30-130	16.6	30	
Diethylphthalate	1.24	0.34	mg/Kg wet	1.67		74.4	40-140	20.5	30	
2,4-Dimethylphenol	1.24	0.34	mg/Kg wet	1.67		74.1	30-130	16.1	30	
Dimethylphthalate	1.28	0.66	mg/Kg wet	1.67		76.8	40-140	16.9	30	
2,4-Dinitrophenol	1.16	0.66	mg/Kg wet	1.67		69.7	30-130	20.7	30	V-19
2,4-Dinitrotoluene	1.25	0.34	mg/Kg wet	1.67		74.9	40-140	22.6	30	
2,6-Dinitrotoluene	1.32	0.34	mg/Kg wet	1.67		79.5	40-140	18.4	30	
Di-n-octylphthalate	1.21	0.66	mg/Kg wet	1.67		72.4	40-140	19.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.38	0.34	mg/Kg wet	1.67		83.1	40-140	13.4	30	
Fluoranthene	1.34	0.17	mg/Kg wet	1.67		80.5	40-140	9.12	30	
Fluorene	1.18	0.17	mg/Kg wet	1.67		70.5	40-140	18.9	30	
Hexachlorobenzene	1.24	0.34	mg/Kg wet	1.67		74.4	40-140	15.5	30	
Hexachlorobutadiene	1.16	0.34	mg/Kg wet	1.67		69.3	40-140	17.7	30	
Hexachloroethane	1.23	0.34	mg/Kg wet	1.67		73.9	40-140	14.7	30	
Indeno(1,2,3-cd)pyrene	1.09	0.17	mg/Kg wet	1.67		65.6	40-140	18.3	30	
Isophorone	1.41	0.34	mg/Kg wet	1.67		84.4	40-140	17.3	30	
2-Methylnaphthalene	1.16	0.17	mg/Kg wet	1.67		69.6	40-140	18.7	30	
2-Methylphenol	1.27	0.34	mg/Kg wet	1.67		76.1	30-130	13.9	30	
3/4-Methylphenol	1.24	0.34	mg/Kg wet	1.67		74.2	30-130	13.3	30	
Naphthalene	1.17	0.17	mg/Kg wet	1.67		70.0	40-140	16.0	30	
Nitrobenzene	1.28	0.34	mg/Kg wet	1.67		76.6	40-140	14.6	30	
2-Nitrophenol	1.17	0.34	mg/Kg wet	1.67		70.4	30-130	15.4	30	
4-Nitrophenol	1.04	0.66	mg/Kg wet	1.67		62.2	30-130	14.0	50	‡
Pentachlorophenol	0.958	0.34	mg/Kg wet	1.67		57.5	30-130	14.1	30	
Phenanthrene	1.24	0.17	mg/Kg wet	1.67		74.6	40-140	15.1	30	
Phenol	1.37	0.34	mg/Kg wet	1.67		82.4	30-130	11.5	30	
Pyrene	1.29	0.17	mg/Kg wet	1.67		77.6	40-140	12.7	30	
1,2,4-Trichlorobenzene	1.19	0.34	mg/Kg wet	1.67		71.6	40-140	16.6	30	
2,4,5-Trichlorophenol	1.22	0.34	mg/Kg wet	1.67		72.9	30-130	14.9	30	
2,4,6-Trichlorophenol	1.20	0.34	mg/Kg wet	1.67		71.8	30-130	12.2	30	
Surrogate: 2-Fluorophenol	5.40		mg/Kg wet	6.67		81.0	30-130			
Surrogate: Phenol-d6	5.54		mg/Kg wet	6.67		83.0	30-130			
Surrogate: Nitrobenzene-d5	2.57		mg/Kg wet	3.33		77.0	30-130			
Surrogate: 2-Fluorobiphenyl	2.64		mg/Kg wet	3.33		79.2	30-130			
Surrogate: 2,4,6-Tribromophenol	5.12		mg/Kg wet	6.67		76.8	30-130			
Surrogate: Terphenyl-d14	2.83		mg/Kg wet	3.33		84.9	30-130			



QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008197 - SW-846 3546</b>										
<b>Blank (B008197-BLK1)</b>										
					Prepared: 12/08/09 Analyzed: 12/10/09					
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.155		mg/Kg wet	0.200		77.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.140		mg/Kg wet	0.200		69.9	30-150			
Surrogate: Tetrachloro-m-xylene	0.158		mg/Kg wet	0.200		78.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.153		mg/Kg wet	0.200		76.5	30-150			
<b>LCS (B008197-BS1)</b>										
					Prepared: 12/08/09 Analyzed: 12/10/09					
Aroclor-1016	0.13	0.10	mg/Kg wet	0.200		65.9	40-140			
Aroclor-1016 [2C]	0.16	0.10	mg/Kg wet	0.200		81.1	40-140			
Aroclor-1260	0.15	0.10	mg/Kg wet	0.200		76.5	40-140			
Aroclor-1260 [2C]	0.16	0.10	mg/Kg wet	0.200		78.6	40-140			
Surrogate: Decachlorobiphenyl	0.145		mg/Kg wet	0.200		72.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.132		mg/Kg wet	0.200		65.8	30-150			
Surrogate: Tetrachloro-m-xylene	0.148		mg/Kg wet	0.200		74.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.156		mg/Kg wet	0.200		78.0	30-150			
<b>LCS Dup (B008197-BSD1)</b>										
					Prepared: 12/08/09 Analyzed: 12/10/09					
Aroclor-1016	0.15	0.10	mg/Kg wet	0.200		73.0	40-140	10.3	30	
Aroclor-1016 [2C]	0.18	0.10	mg/Kg wet	0.200		89.0	40-140	9.30	30	
Aroclor-1260	0.17	0.10	mg/Kg wet	0.200		84.6	40-140	10.0	30	
Aroclor-1260 [2C]	0.17	0.10	mg/Kg wet	0.200		85.0	40-140	7.80	30	
Surrogate: Decachlorobiphenyl	0.159		mg/Kg wet	0.200		79.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.144		mg/Kg wet	0.200		72.0	30-150			
Surrogate: Tetrachloro-m-xylene	0.161		mg/Kg wet	0.200		80.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.159		mg/Kg wet	0.200		79.3	30-150			



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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008154 - SW-846 3546</b>										
<b>Blank (B008154-BLK1)</b>										
					Prepared: 12/08/09 Analyzed: 12/09/09					
TPH as Diesel	ND	8.3	mg/Kg wet							
Gasoline	ND	8.3	mg/Kg wet							
Kerosene/Jet Fuel	ND	8.3	mg/Kg wet							
Fuel Oil #2	ND	8.3	mg/Kg wet							
Fuel Oil #6	ND	8.3	mg/Kg wet							
Unknown Hydrocarbons (C9-C36)	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	2.45		mg/Kg wet	3.33		73.4	40-140			
<b>LCS (B008154-BS1)</b>										
					Prepared: 12/08/09 Analyzed: 12/09/09					
TPH as Diesel	27.8	8.3	mg/Kg wet	33.3		83.3	40-140			
Fuel Oil #2	27.8	8.3	mg/Kg wet	33.3		83.3	40-140			
Surrogate: o-Terphenyl	2.52		mg/Kg wet	3.33		75.5	40-140			
<b>LCS Dup (B008154-BSD1)</b>										
					Prepared: 12/08/09 Analyzed: 12/09/09					
TPH as Diesel	29.7	8.3	mg/Kg wet	33.3		89.2	40-140	6.89	30	
Fuel Oil #2	29.7	8.3	mg/Kg wet	33.3		89.2	40-140	6.89	25	
Surrogate: o-Terphenyl	3.09		mg/Kg wet	3.33		92.8	40-140			

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008157 - SW-846 3546</b>									
<b>Blank (B008157-BL.K1)</b>									
					Prepared: 12/08/09 Analyzed: 12/10/09				
C9-C18 Aliphatics	ND	10	mg/Kg wet						
C19-C36 Aliphatics	ND	10	mg/Kg wet						
Unadjusted C11-C22 Aromatics	ND	10	mg/Kg wet						
C11-C22 Aromatics	ND	10	mg/Kg wet						
Acenaphthene	ND	0.10	mg/Kg wet						
Acenaphthylene	ND	0.10	mg/Kg wet						
Anthracene	ND	0.10	mg/Kg wet						
Benzo(a)anthracene	ND	0.10	mg/Kg wet						
Benzo(a)pyrene	ND	0.10	mg/Kg wet						
Benzo(b)fluoranthene	ND	0.10	mg/Kg wet						
Benzo(g,h,i)perylene	ND	0.10	mg/Kg wet						
Benzo(k)fluoranthene	ND	0.10	mg/Kg wet						
Chrysene	ND	0.10	mg/Kg wet						
Dibenz(a,h)anthracene	ND	0.10	mg/Kg wet						
Fluoranthene	ND	0.10	mg/Kg wet						
Fluorene	ND	0.10	mg/Kg wet						
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/Kg wet						
2-Methylnaphthalene	ND	0.10	mg/Kg wet						
Naphthalene	ND	0.10	mg/Kg wet						
Phenanthrene	ND	0.10	mg/Kg wet						
Pyrene	ND	0.10	mg/Kg wet						
Surrogate: Chlorooctadecane (COD)	3.71		mg/Kg wet	5.00		74.2	40-140		
Surrogate: o-Terphenyl (OTP)	4.82		mg/Kg wet	5.00		96.4	40-140		
Surrogate: 2-Bromonaphthalene	5.44		mg/Kg wet	5.00		109	40-140		
Surrogate: 2-Fluorobiphenyl	5.31		mg/Kg wet	5.00		106	40-140		
<b>LCS (B008157-BS1)</b>									
					Prepared: 12/08/09 Analyzed: 12/10/09				
C9-C18 Aliphatics	24.1	10	mg/Kg wet	30.0		80.3	40-140		
C19-C36 Aliphatics	41.6	10	mg/Kg wet	40.0		104	40-140		
Unadjusted C11-C22 Aromatics	81.7	10	mg/Kg wet	85.0		96.1	40-140		
Acenaphthene	4.28	0.10	mg/Kg wet	5.00		85.5	40-140		
Acenaphthylene	4.23	0.10	mg/Kg wet	5.00		84.7	40-140		
Anthracene	4.67	0.10	mg/Kg wet	5.00		93.4	40-140		
Benzo(a)anthracene	4.67	0.10	mg/Kg wet	5.00		93.5	40-140		
Benzo(a)pyrene	4.60	0.10	mg/Kg wet	5.00		91.9	40-140		
Benzo(b)fluoranthene	4.80	0.10	mg/Kg wet	5.00		96.0	40-140		
Benzo(g,h,i)perylene	4.65	0.10	mg/Kg wet	5.00		93.0	40-140		
Benzo(k)fluoranthene	4.72	0.10	mg/Kg wet	5.00		94.4	40-140		
Chrysene	4.83	0.10	mg/Kg wet	5.00		96.6	40-140		
Dibenz(a,h)anthracene	4.61	0.10	mg/Kg wet	5.00		92.2	40-140		
Fluoranthene	4.66	0.10	mg/Kg wet	5.00		93.1	40-140		
Fluorene	4.49	0.10	mg/Kg wet	5.00		89.8	40-140		
Indeno(1,2,3-cd)pyrene	4.54	0.10	mg/Kg wet	5.00		90.8	40-140		
2-Methylnaphthalene	3.99	0.10	mg/Kg wet	5.00		79.8	40-140		
Naphthalene	3.69	0.10	mg/Kg wet	5.00		73.7	40-140		
Phenanthrene	4.57	0.10	mg/Kg wet	5.00		91.3	40-140		
Pyrene	4.80	0.10	mg/Kg wet	5.00		96.0	40-140		
n-Nonane	2.48	0.10	mg/Kg wet	5.00		49.5	30-140		
Naphthalene-aliphatic fraction	0.00		mg/Kg wet	5.00		0-5			
2-Methylnaphthalene-aliphatic fraction	0.00		mg/Kg wet	5.00		0-5			
Surrogate: Chlorooctadecane (COD)	3.51		mg/Kg wet	5.00		70.2	40-140		
Surrogate: o-Terphenyl (OTP)	4.87		mg/Kg wet	5.00		97.5	40-140		



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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008157 - SW-846 3546</b>										
<b>LCS (B008157-BS1)</b>										
					Prepared: 12/08/09 Analyzed: 12/10/09					
Surrogate: 2-Bromonaphthalene	5.21		mg/Kg wet	5.00		104	40-140			
Surrogate: 2-Fluorobiphenyl	5.18		mg/Kg wet	5.00		104	40-140			
<b>LCS Dup (B008157-BSD1)</b>										
					Prepared: 12/08/09 Analyzed: 12/10/09					
C9-C18 Aliphatics	24.2	10	mg/Kg wet	30.0		80.7	40-140	0.517	25	
C19-C36 Aliphatics	42.4	10	mg/Kg wet	40.0		106	40-140	1.97	25	
Unadjusted C11-C22 Aromatics	78.1	10	mg/Kg wet	85.0		91.8	40-140	4.49	25	
Acenaphthene	4.09	0.10	mg/Kg wet	5.00		81.8	40-140	4.51	25	
Acenaphthylene	4.03	0.10	mg/Kg wet	5.00		80.7	40-140	4.82	25	
Anthracene	4.49	0.10	mg/Kg wet	5.00		89.9	40-140	3.86	25	
Benzo(a)anthracene	4.48	0.10	mg/Kg wet	5.00		89.7	40-140	4.16	25	
Benzo(a)pyrene	4.41	0.10	mg/Kg wet	5.00		88.1	40-140	4.23	25	
Benzo(b)fluoranthene	4.61	0.10	mg/Kg wet	5.00		92.3	40-140	3.94	25	
Benzo(g,h,i)perylene	4.47	0.10	mg/Kg wet	5.00		89.5	40-140	3.91	25	
Benzo(k)fluoranthene	4.52	0.10	mg/Kg wet	5.00		90.4	40-140	4.37	25	
Chrysene	4.61	0.10	mg/Kg wet	5.00		92.3	40-140	4.58	25	
Dibenz(a,h)anthracene	4.41	0.10	mg/Kg wet	5.00		88.1	40-140	4.49	25	
Fluoranthene	4.50	0.10	mg/Kg wet	5.00		89.9	40-140	3.51	25	
Fluorene	4.28	0.10	mg/Kg wet	5.00		85.7	40-140	4.71	25	
Indeno(1,2,3-cd)pyrene	4.38	0.10	mg/Kg wet	5.00		87.6	40-140	3.60	25	
2-Methylnaphthalene	3.82	0.10	mg/Kg wet	5.00		76.4	40-140	4.44	25	
Naphthalene	3.52	0.10	mg/Kg wet	5.00		70.4	40-140	4.66	25	
Phenanthrene	4.38	0.10	mg/Kg wet	5.00		87.6	40-140	4.10	25	
Pyrene	4.63	0.10	mg/Kg wet	5.00		92.6	40-140	3.62	25	
n-Nonane	2.58	0.10	mg/Kg wet	5.00		51.6	30-140	4.15	25	
Naphthalene-aliphatic fraction	0.00		mg/Kg wet	5.00			0-5			
2-Methylnaphthalene-aliphatic fraction	0.00		mg/Kg wet	5.00			0-5			
Surrogate: Chlorooctadecane (COD)	3.33		mg/Kg wet	5.00		66.6	40-140			
Surrogate: o-Terphenyl (OTP)	4.56		mg/Kg wet	5.00		91.2	40-140			
Surrogate: 2-Bromonaphthalene	4.98		mg/Kg wet	5.00		99.6	40-140			
Surrogate: 2-Fluorobiphenyl	4.96		mg/Kg wet	5.00		99.2	40-140			

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008114 - SW-846 3050B</b>										
<b>Blank (B008114-BLK1)</b> Prepared: 12/07/09 Analyzed: 12/08/09										
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	5.0	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
<b>LCS (B008114-BS1)</b> Prepared: 12/07/09 Analyzed: 12/08/09										
Arsenic	165	5.0	mg/Kg wet	158	104	81.6-118.4				
Barium	367	10	mg/Kg wet	348	105	80.7-119.3				
Cadmium	180	0.50	mg/Kg wet	187	96.2	82.4-117.6				
Chromium	85.7	1.0	mg/Kg wet	89.4	95.9	78.8-120.7				
Lead	165	1.5	mg/Kg wet	172	96.1	79.1-120.3				
Selenium	143	10	mg/Kg wet	148	96.5	78.4-120.9				
Silver	65.9	1.0	mg/Kg wet	65.9	100	66.2-133.6				
<b>LCS (B008114-BS2)</b> Prepared: 12/07/09 Analyzed: 12/08/09										
Lead	0.705	0.75	mg/Kg wet	0.749	94.1	79.1-120.3				
<b>LCS Dup (B008114-BSD1)</b> Prepared: 12/07/09 Analyzed: 12/08/09										
Arsenic	151	5.0	mg/Kg wet	158	95.9	81.6-118.4	8.52	30		
Barium	327	10	mg/Kg wet	348	94.1	80.7-119.3	11.4	30		
Cadmium	170	0.50	mg/Kg wet	187	91.0	82.4-117.6	5.49	30		
Chromium	85.7	1.0	mg/Kg wet	89.4	95.8	78.8-120.7	0.0464	30		
Lead	150	1.5	mg/Kg wet	172	87.2	79.1-120.3	9.59	30		
Selenium	134	10	mg/Kg wet	148	90.8	78.4-120.9	6.01	30		
Silver	58.0	1.0	mg/Kg wet	65.9	87.9	66.2-133.6	12.8	30		
<b>Batch B008170 - SW-846 7471A</b>										
<b>Blank (B008170-BLK1)</b> Prepared: 12/08/09 Analyzed: 12/09/09										
Mercury	ND	0.025	mg/Kg wet							
<b>LCS (B008170-BS1)</b> Prepared: 12/08/09 Analyzed: 12/09/09										
Mercury	1.01	0.025	mg/Kg wet	1.04	97.0	66-132				
<b>LCS Dup (B008170-BSD1)</b> Prepared: 12/08/09 Analyzed: 12/09/09										
Mercury	1.03	0.025	mg/Kg wet	1.04	98.9	66-132	1.98	30		



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**QUALITY CONTROL**

**Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008107 - SW-846 9014</b>										
<b>Blank (B008107-BLK1)</b> Prepared & Analyzed: 12/07/09										
Reactive Cyanide	ND	4.0	mg/Kg							
<b>Batch B008109 - SW-846 9030A</b>										
<b>Blank (B008109-BLK1)</b> Prepared & Analyzed: 12/07/09										
Reactive Sulfide	ND	20	mg/Kg							
<b>Batch B008112 - SW-846 9045D</b>										
<b>Duplicate (B008112-DUP1)</b> Source: 09L0184-04 Prepared & Analyzed: 12/07/09										
pH	7.9		pH Units		7.8			0.763	6.28	
<b>Duplicate (B008112-DUP2)</b> Source: 09L0184-12 Prepared & Analyzed: 12/07/09										
pH	8.5		pH Units		8.2			2.99	6.28	
<b>Batch B008141 - % Solids</b>										
<b>Duplicate (B008141-DUP3)</b> Source: 09L0184-10 Prepared & Analyzed: 12/08/09										
% Solids	94.5		% Wt		93.5			1.06	20	
<b>Batch B008160 - SW-846 9014</b>										
<b>Blank (B008160-BLK1)</b> Prepared & Analyzed: 12/09/09										
Reactive Cyanide	ND	4.0	mg/Kg							
<b>Batch B008161 - SW-846 9030A</b>										
<b>Blank (B008161-BLK1)</b> Prepared & Analyzed: 12/09/09										
Reactive Sulfide	ND	20	mg/Kg							
<b>Batch B008166 - SM18-20 2510B</b>										
<b>Blank (B008166-BLK1)</b> Prepared & Analyzed: 12/07/09										
Specific conductance	ND	2.0	µmhos/cm							
<b>LCS (B008166-BS1)</b> Prepared & Analyzed: 12/07/09										
Specific conductance	130	2.0	µmhos/cm	147		85.2		83-108		



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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008166 - SM18-20 2510B</b>										
<b>LCS Dup (B008166-BSD1)</b>				Prepared & Analyzed: 12/07/09						
Specific conductance	120	2.0	µmhos/cm	147		83.8	83-108	1.68		
<b>Duplicate (B008166-DUP2)</b>				Source: 09L0184-09 Prepared & Analyzed: 12/07/09						
Specific conductance	6.9	2.0	µmhos/cm		6.7			2.80	18.8	
<b>Batch B008169 - SM18-20 2510B</b>										
<b>Blank (B008169-BLK1)</b>				Prepared & Analyzed: 12/08/09						
Specific conductance	ND	2.0	µmhos/cm							
<b>LCS (B008169-BS1)</b>				Prepared & Analyzed: 12/08/09						
Specific conductance	120	2.0	µmhos/cm	147		84.1	83-108			
<b>LCS Dup (B008169-BSD1)</b>				Prepared & Analyzed: 12/08/09						
Specific conductance	120	2.0	µmhos/cm	147		83.5	83-108	0.625		

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-07	Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.
MS-14	Matrix spike recovery is outside of control limits. Data validation is not affected since sample result is "not detected" and recovery bias is on the high side for this compound.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Significant uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-19	Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.
Z-01	Sample contamination consists of heavy residual hydrocarbons similar to asphalt.



**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<b>MADEP-EPH-04-1.1 in Soil</b>	
C9-C18 Aliphatics	CT,NC,WA
C19-C36 Aliphatics	CT,NC,WA
Unadjusted C11-C22 Aromatics	CT,NC,WA
C11-C22 Aromatics	CT,NC,WA
Acenaphthene	CT,NC,WA
Acenaphthylene	CT,NC,WA
Anthracene	CT,NC,WA
Benzo(a)anthracene	CT,NC,WA
Benzo(a)pyrene	CT,NC,WA
Benzo(b)fluoranthene	CT,NC,WA
Benzo(g,h,i)perylene	CT,NC,WA
Benzo(k)fluoranthene	CT,NC,WA
Chrysene	CT,NC,WA
Dibenz(a,h)anthracene	CT,NC,WA
Fluoranthene	CT,NC,WA
Fluorene	CT,NC,WA
Indeno(1,2,3-cd)pyrene	CT,NC,WA
2-Methylnaphthalene	CT,NC,WA
Naphthalene	CT,NC,WA
Phenanthrene	CT,NC,WA
Pyrene	CT,NC,WA
<b>SW-846 1030 in Soil</b>	
Ignitability	NY,NH,CT
<b>SW-846 6010B in Soil</b>	
Arsenic	CT,NH,NY
Barium	CT,NH,NY
Cadmium	CT,NH,NY
Chromium	CT,NH,NY
Lead	CT,NH,NY,AIHA
Selenium	CT,NH,NY
Silver	CT,NH,NY
<b>SW-846 7471A in Soil</b>	
Mercury	CT,NH,NY
<b>SW-846 8082 in Soil</b>	
Aroclor-1016	CT,NH,NY
Aroclor-1016 [2C]	CT,NH,NY
Aroclor-1221	CT,NH,NY
Aroclor-1221 [2C]	CT,NH,NY
Aroclor-1232	CT,NH,NY
Aroclor-1232 [2C]	CT,NH,NY
Aroclor-1242	CT,NH,NY
Aroclor-1242 [2C]	CT,NH,NY
Aroclor-1248	CT,NH,NY
Aroclor-1248 [2C]	CT,NH,NY
Aroclor-1254	CT,NH,NY

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<i>SW-846 8082 in Soil</i>	
Aroclor-1254 [2C]	CT,NH,NY
Aroclor-1260	CT,NH,NY
Aroclor-1260 [2C]	CT,NH,NY
<i>SW-846 8260B in Soil</i>	
Acetone	CT,NH,NY
Benzene	CT,NH,NY
Bromobenzene	NH,NY
Bromochloromethane	NH,NY
Bromodichloromethane	CT,NH,NY
Bromoform	CT,NH,NY
Bromomethane	CT,NH,NY
2-Butanone (MEK)	CT,NH,NY
n-Butylbenzene	CT,NH,NY
sec-Butylbenzene	CT,NH,NY
tert-Butylbenzene	CT,NH,NY
Carbon Disulfide	CT,NH,NY
Carbon Tetrachloride	CT,NH,NY
Chlorobenzene	CT,NH,NY
Chlorodibromomethane	CT,NH,NY
Chloroethane	CT,NH,NY
Chloroform	CT,NH,NY
Chloromethane	CT,NH,NY
2-Chlorotoluene	CT,NH,NY
4-Chlorotoluene	CT,NH,NY
Dibromomethane	NH,NY
1,2-Dichlorobenzene	CT,NH,NY
1,3-Dichlorobenzene	CT,NH,NY
1,4-Dichlorobenzene	CT,NH,NY
Dichlorodifluoromethane (Freon 12)	NY
1,1-Dichloroethane	CT,NH,NY
1,2-Dichloroethane	CT,NH,NY
1,1-Dichloroethylene	CT,NH,NY
cis-1,2-Dichloroethylene	CT,NH,NY
trans-1,2-Dichloroethylene	CT,NH,NY
1,2-Dichloropropane	CT,NH,NY
1,3-Dichloropropane	NH,NY
2,2-Dichloropropane	NH,NY
1,1-Dichloropropene	NH,NY
cis-1,3-Dichloropropene	CT,NH,NY
trans-1,3-Dichloropropene	CT,NH,NY
Ethylbenzene	CT,NH,NY
Hexachlorobutadiene	NH,NY
2-Hexanone (MBK)	CT,NH,NY
Isopropylbenzene (Cumene)	CT,NH,NY
Methylene Chloride	CT,NH,NY
4-Methyl-2-pentanone (MIBK)	CT,NH,NY

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<i>SW-846 8260B in Soil</i>	
Naphthalene	NH,NY
Styrene	CT,NH,NY
1,1,1,2-Tetrachloroethane	CT,NH,NY
1,1,2,2-Tetrachloroethane	CT,NH,NY
Tetrachloroethylene	CT,NH,NY
Toluene	CT,NH,NY
1,2,4-Trichlorobenzene	NH,NY
1,1,1-Trichloroethane	CT,NH,NY
1,1,2-Trichloroethane	CT,NH,NY
Trichloroethylene	CT,NH,NY
Trichlorofluoromethane (Freon 11)	CT,NH,NY
1,2,3-Trichloropropane	NH,NY
1,2,4-Trimethylbenzene	CT,NH,NY
1,3,5-Trimethylbenzene	CT,NH,NY
Vinyl Chloride	CT,NH,NY
m+p Xylene	CT,NH,NY
o-Xylene	CT,NH,NY
<i>SW-846 8270C in Soil</i>	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Acetophenone	NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8270C in Soil</i>	
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH
<i>SW-846 9014 in Soil</i>	
Reactive Cyanide	NY,CT
<i>SW-846 9030A in Soil</i>	
Reactive Sulfide	CT,NY
<i>SW-846 9045D in Soil</i>	
pH	CT



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2010
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2010
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2010
RI	Rhode Island Department of Health	LAO00112	12/30/2009
NC	North Carolina Div. of Water Quality	652	12/31/2009
NJ	New Jersey DEP	MA007 NELAP	06/30/2010
FL	Florida Department of Health	E871027 NELAP	06/30/2010
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2010
WA	State of Washington Department of Ecology	C2065	03/23/2010



Phone: 413-525-2332  
 Fax: 413-525-6405  
 Email: info@contestlabs.com  
 www.contestlabs.com

CHAIN OF CUSTODY RECORD

09L0184

39 SPRUCE ST, 2ND FLOOR  
 EAST LONGMEADOW, MA 01028

Company Name: Wesley L. Samson  
 Address: 5 Centennial Drive  
Peabody MA 01960  
 Attention: SAM QUATTENI - KEVIN NOVELLO  
 Project Location: BEVERE PARCEL H  
 Sampled By: SAM QUATTENI

Telephone: (978) 532-1900  
 Project # 2090037  
 Client PO # Town of Bevere

**DATA DELIVERY (check one):**  
 FAX  EMAIL  WEBSITE CLIENT  
 Email: novellok@wslinc.com  
 Email: quattenis@wslinc.com  
 Format:  EXCEL  PDF  GIS KEY  
 OTHER

Proposal Provided? (For Billing purposes)  yes  no  
 State Form Required?  yes  no

Field ID	Sample Description	Lab #	Date Sampled		Comp- osite	Grab	*Matrix Code	Conc. Code	ANALYSIS REQUESTED										# of containers	**Preservation								
			Start Date/Time	Stop Date/Time					1	2	3	4	5	6	7	8	9	10			11	12						
									106s	8260 B																		
									SVXs	8270																		
									TPH	80-1571/8015 B/R100																		
									RCRA 8 Metals																			
									PCBs	8082																		
									Reactive	CRUDE + SULFATE																		
									IGNITABILITY	1010																		
									COOPERILITY	9045																		
									CONDUCTIVITY	120.1																		
	SB 14 2-4	01	12/3/09	10.45		V	S	U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	WSE 5 0-5	02	u	10.00		V	S	U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	SB 15 1-3	03	u	11.40		V	S	U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	C1 5-10	04	u	12.40	V		S	U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	SB 14 4-5	05	u	10.45		V	S	U	X																			
	WSE 15 2 feet	06	u	10.00		V	S	U	X																			
	SB 12 0-5	07	u	2.30		V	S	U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	DUP 1 (SB 12 0-5)	08	u	2.30		V	S	U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Laboratory Comments: Per Sam % Solids jars coming in tonight WSE 15 2' should be WSE 5 2' and analyzed trip blanks. ALA 12/7/09

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:  
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) <u>[Signature]</u>	Date/Time: 12/4/09 11:00	<b>Turnaround **</b> <input type="checkbox"/> 7-Day <input type="checkbox"/> 10-Day <input checked="" type="checkbox"/> Other <u>Stud</u>	<b>Detection Limit Requirements</b> Regulations? <u>PLCP</u> Data Enhancement Project/RCP? <input type="checkbox"/> Y <input type="checkbox"/> N	<b>*Matrix Code:</b> GW= groundwater WW= wastewater DW= drinking water A = air S = soil/solid SL = sludge O = other	<b>**Preservation Codes:</b> I = Iced H = HCL M = Methanol N = Nitric Acid S = Sulfuric Acid B = Sodium bisulfate O = Other
Received by: (signature) <u>[Signature]</u>	Date/Time: 12-4-9 11:00	<b>RUSH *</b> <input type="checkbox"/> *24-Hr <input type="checkbox"/> *48-Hr <input type="checkbox"/> *72-Hr <input type="checkbox"/> *4-Day * Require lab approval	Special Requirements or DL's: _____		
Relinquished by: (signature) <u>[Signature]</u>	Date/Time: 12-4-9 18:27				
Received by: (signature) <u>[Signature]</u>	Date/Time: 12/4/09 18:27				

\* TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.



Phone: 413-525-2332  
 Fax: 413-525-6405  
 Email: info@contestlabs.com  
 www.contestlabs.com

CHAIN OF CUSTODY RECORD

09L018J

39 SPRUCE ST, 2ND FLOOR  
 EAST LONGMEADOW, MA 01028

01  
2011

Company Name: WESTON + SAMMONS  
 Address: 5 Centennial Drive  
Denbury MA 01960  
 Attention: SAM QUATRIANI - KEVIN NOVELLO  
 Project Location: REVERSE PARCEL H  
 Sampled By: SAM QUATRIANI

Telephone: (978) 532 1900  
 Project # 2090037  
 Client PO # TOWN OF REVERSE

**DATA DELIVERY (check one):**  
 FAX  EMAIL  WEBSITE CLIENT  
 Email: novellok@wspinc.com  
 Email: quatrani@wspinc.com  
 Format:  EXCEL  PDF  GIS KEY  
 OTHER

Proposal Provided? (For Billing purposes)  yes  no proposal date  
 State Form Required?  yes  no

9	6	6	6	6	6	6	6	6			# of containers
V/B	1	1	1	1	1	1	1	1	1	1	**Preservation
V	A	A	A	A	A	A	A	A	A	A	-Cont.Code
											-Cont.Code
											A=amber glass
											G=glass
											P=plastic
											ST=sterile
											V=vial
											S=summa can
											T=tedlar bag
											O=Other

ANALYSIS REQUESTED

VOCS 8260B	SUDCS 8270	TPH 80574/8058/800	PCRA & Metals	PCBS 8082	Residue Cyanide+Sulfide	Leakability 1010 Lead	Leakability 9045	CONDUCTIVITY 120.1
------------	------------	--------------------	---------------	-----------	-------------------------	-----------------------	------------------	--------------------

Field ID	Sample Description	Lab #	Date Sampled		Com- osite	Grab	*Matrix   Conc.													
			Start Date/Time	Stop Date/Time			Code	Code												
	SB 13 0-4	09	12/3/09	2:20		V	S	U	X	X	X	X	X	X	X	X	X	X	X	X
	USE 6 2-4	10	"	12:20		V	S	U	X	X	X	X	X	X	X	X	X	X	X	X
	SB 13 5 feet	11	"	3:40		V	S	U	X											
	C2 5-10	12	"	3:40	V		S	U		X	X	X	X	X	X	X	X	X	X	X
	Triphblank	13	"						X											

Client  
Comments:

Laboratory Comments: Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:  
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) <u>[Signature]</u>	Date/Time: 12/4/09 12:00	<b>Turnaround **</b> <input type="checkbox"/> 7-Day <input type="checkbox"/> 10-Day <input checked="" type="checkbox"/> Other <u>Stud</u> <b>RUSH *</b> <input type="checkbox"/> *24-Hr <input type="checkbox"/> *48-Hr <input type="checkbox"/> *72-Hr <input type="checkbox"/> *4-Day * Require lab approval	<b>Detection Limit Requirements</b> Regulations? <u>TCLP</u> Data Enhancement Project/RCP? <input type="checkbox"/> Y <input type="checkbox"/> N Special Requirements or DL's:	<b>*Matrix Code:</b> GW= groundwater WW= wastewater DW= drinking water A = air S = soil/solid SL = sludge O = other	<b>**Preservation Codes:</b> I = Iced H = HCL M = Methanol N = Nitric Acid S = Sulfuric Acid B = Sodium bisulfate O = Other
Received by: (signature) <u>[Signature]</u>	Date/Time: 12-4-09 11:00				
Relinquished by: (signature) <u>[Signature]</u>	Date/Time: 12-4-09 18:27				
Received by: (signature) <u>[Signature]</u>	Date/Time: 12/4/09 18:27				

\*\* TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

www.contestlabs.com



39 Spruce St.  
East Longmeadow, MA.  
01028  
P: 413-525-2332  
F: 413-525-6405

### Sample Receipt Checklist

CLIENT NAME: West Samp RECEIVED BY: CE DATE: 12/4/09

1) Was the chain(s) of custody relinquished and signed?  Yes  No

2) Does the chain agree with the samples?  Yes  No

If not, explain:

3) Are all the samples in good condition?  Yes  No

If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)?  Yes  No

Temperature °C by Temp blank 3.8 Temperature °C by Temp gun \_\_\_\_\_

5) Are there Dissolved samples for the lab to filter? Yes  No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Are there any samples "On Hold"? Yes  No  Stored where: \_\_\_\_\_

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes  No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

8) Location where samples are stored: 14

Permission to subcontract samples? Yes  No   
(Walk-in clients only) if not already approved  
Client Signature: \_\_\_\_\_

### Containers sent in to Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz clear jar	
500 mL Amber		4 oz clear jar	
250 mL Amber (8oz amber)	18	2 oz clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	30	Brass Sleeves	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Summa Cans	
Flashpoint bottle		Regulators	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl \_\_\_\_\_ # Methanol 10  
# Bisulfate 20 # DI Water \_\_\_\_\_ Time and Date Frozen: \_\_\_\_\_  
# Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

Do all samples have the proper pH: Yes No N/A





Phone: 414-525-2132  
 Fax: 414-515-6405  
 Email: info@con-test-lab.com  
 www.con-test-lab.com

### CHAIN OF CUSTODY RECORD

26 SPRUCE ST, 2ND FLOOR  
 EAST LONGMEADOW, MA 01028

Company Name: Western J. Samson  
 Address: 5 Centennial Drive  
Peabody MA 01960  
 Attention: SAM QUATRANI - GUN NOVELLO  
 Project Location: RIEDEL PARCEL 4  
 Sampled By: SAM QUATRANI

Telephone: (978) 532-1900  
 Project # 2090037  
 Client PO # Town of Peabody  
 DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Email: work@con-test-lab.com  
 Email: quatrani@con-test-lab.com  
 Format:  EXCEL  PDF  DISK KEY

Field ID	Sample Description	Lab #	Date Sampled		Cont. Conc.	Grab	Matrix Code	Pres. Code	ANALYSIS REQUESTED												Client Comments
			Start Date/Time	Stop Date/Time					NO3	NO2	NO	TPH	PCRB	PCBS	Reactive Solvents	Leachability	Conductivity	PH			
SB 8	SB 14 2-4		12/3/09	10:45		V	S U	X	X	X	X	X	X	X	X	X	X	X	X	X	
USE 3	USE 5 0-5		"	10:00		V	S U	X	X	X	X	X	X	X	X	X	X	X	X	X	
SB 9	SB 15 1-3		"	11:40		V	S U	X	X	X	X	X	X	X	X	X	X	X	X	X	
	CL 5-10		"	12:40	V		S U	X	X	X	X	X	X	X	X	X	X	X	X	X	
SB 8	SB 14 4-5		"	10:45		V	S U	X													
USE 3	USE 5 2 feet		"	10:00		V	S U	X													
SB 5	SB 12 0-5		"	2:30		V	S U	X	X	X	X	X	X	X	X	X	X	X	X	X	
	DUP 1 (SB 0-5)		"	2:30		V	S U	X	X	X	X	X	X	X	X	X	X	X	X	X	

No. of Copies: 3  
 No. of Preservations: 1  
 No. of Deletions: 0

Proposal Provided? (For Billing purposes)  
 yes  no  
 State Form Required?  
 yes  no

Requested by (signature): [Signature]  
 Date/Time: 12/4/09 11:00  
 Requested by (signature): [Signature]  
 Date/Time: 12-4-09 11:00  
 Requested by (signature):  
 Date/Time:

Turnaround Time:  
 7-Day  
 10-Day  
 Other: RUSH  
 24-Hr  48-Hr  
 72-Hr  4-Day  
 \* Require lab approval

Detection Limit Requirements  
 Reg. Method? HCP  
 Data Enhancement Project: DP1  Y  N

Special Requirements or D.L.s:  
 \* Require lab approval

Matrix Codes:  
 GW = groundwater  
 WW = wastewater  
 DW = drinking water  
 A = air  
 S = soil/sediment  
 SL = sludge  
 O = other

Preservation Codes:  
 I = iced  
 H = HCl  
 M = methanol  
 N = Nitric Acid  
 B = Boric Acid  
 S = Sodium Borate  
 O = Other  
 X = Na hydroxide  
 T = Na thiosulfate

TURNAROUND TIME STARTS AT 8:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

LMA, NELAP & ISO 9001 Certified

Dec. 7. 2009 4:16PM



Phone: 410-475-0332  
 Fax: 410-528-6408  
 Email: info@con-testlabs.com  
 www.con-testlabs.com

CHAIN OF CUSTODY RECORD

19 SPRUCE ST, 2ND FLOOR  
 EAST LONGMEADOW, MA 01028

Company Name: WESTON + SAMUELSON  
 Address: 5 Centennial Drive  
Peabody MA 01960  
 Attention: SAVANNAH QUINN  
 Project Location: REVERSE FACILITY 4  
 Sampled By: SAVANNAH QUINN

Telephone: (978) 532 1900  
 Project #: 20090037  
 Client PO #: TOWN OF PEABODY

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Email: quinn@weston-samuelson.com  
 Format:  EXCEL  PDF  GIB KEY

No. of copies provided? (For Billing purposes)  
 yes  no

State Form Required?  
 yes  no

Field ID	Sample Description	Lab #	Date Sampled		Comp. %	Grab	Matrix Code	Comp. Code	ANALYSIS REQUESTED															
			Start Date/Time	Stop Date/Time					VOCS	SOLIDS	TRIAL	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS	PCBS				
587	SATS 0-4		12/17/09	2:20		V	S U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WSEZ	WSEZ 2-4		"	12:20		V	S U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
587	SATS 5-10		"	3:40		V	S U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	CZ 5-10		"	3:40	V		S U	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Laboratory Comments: \_\_\_\_\_  
 Please use the following codes to let Con-Test know if a specific comp's may be high in concentration in Matrix Code Box:  
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

Requested by: (signature) <u>Savanah Quinn</u>	Date/Time: 12/17/09 11:00	Turnaround** <input type="checkbox"/> 7-Day <input type="checkbox"/> 10-Day <input checked="" type="checkbox"/> Other: <u>RUSH</u>	Detection Limit Requirements Regulation? <u>MCL</u> Data Enhancement and Project (RCP)? <input type="checkbox"/> Y <input type="checkbox"/> N	Matrix Code: GW = groundwater WW = wastewater DM = drinking water A = air S = soil/sediment SL = sludge O = other lab approval	Preservation Codes: I = Isotonic H = HCL M = Methylanol N = Nitric Acid S = Sulfuric Acid B = Sodium bicarbonate O = Other
Received by: (signature) <u>Savanah Quinn</u>	Date/Time: 12/17/09 11:00	<input type="checkbox"/> 24-Hr <input type="checkbox"/> 48-Hr <input type="checkbox"/> 72-Hr <input type="checkbox"/> 14-Day * Requires lab approval	Special Requirements or DLY: _____		

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.  
 AWA, NELAP & WBE/DBE Certified

Dec. 7. 2009 4:17PM



Fax Letter

December 7, 2009

Con-Test Analytical Laboratory

Attention: Chris Haol

Subject: Revere Parcel H Chain of Custody modification

Chris,

As I asked on the phone please provide for the changes in the chain of custody relative to the soil samples that I relinquished last Friday for the Revere Parcel H Project:

- Rename the sample with the new code as reported in the attached modified COCs;
- Run EPH analysis for the Sample WSE-1 0-5 instead of TPH;
- Run EPH analysis for the Sample SE-8 2-4 instead of TPH;
- Run EPH analysis for the Sample WSE-2 2-4 instead of TPH;
- Do not run VOCS 8260B for the C3 sample;
- Do not run any MS/MSD.

Please see attached modified COCs.

Furthermore, additional sample jars for VOC dry weight will be sent tomorrow morning together with the pick-up scheduled by Loren McGrath.

Please contact me for any further questions.

Thanks  
Sam Quattrini  
Tel.: 978-532-1900 ext. 4074  
Cell.: 978-265-9328  
Fax: 978-977-0100

# of pages: 4 including cover

<b>Massachusetts</b> Five Centennial Drive (HQ) Peabody, MA 01960-7900 100 Cambridge Street, Suite 200 Peabody, MA 01960 226 New Boston Street Woburn, MA 01891	<b>Connecticut</b> 275 Division Road Meriden, CT 06450	<b>Rhode Island</b> 2770 Tropic Avenue Cranston, RI 02914	<b>New Hampshire</b> 100 International Center 2, 3rd Fl Portsmouth, NH 03801	<b>Maine</b> PO Box 180 York, ME 03908	<b>Vermont</b> 90 Chain Mail Street Suite 2 Waterbury, VT 05678	<b>New York</b> 307 Manhattan Road Suite 201A Purchase, NY 12556	<b>Florida</b> 1990 N.W. 130th Coral Gables, FL 33134
---	--	---	---	--	--	---	---

When it's essential... it's Weston & Sampson.



Phone: 413-525-2332  
 Fax: 413-525-6405  
 Email: info@contestlabs.com  
 www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 SPRUCE ST, 2ND FLOOR  
 EAST LONGMEADOW, MA 01028

Company Name: Western E. Sampson  
 Address: 5 Centennial Ave  
Peabody, MA 01960  
 Attention: SAM QUATRINI - KEVIN NASELO  
 Project Location: PEESE FIELDS  
 Sampled By: SAM QUATRINI

Telephone: (978) 532-1900  
 Project # 2090037  
 Client PO # Laws of Peese

**DATA DELIVERY (check one):**  
 EMAIL  WEBSITE CLIENT  
 Email: vavellok@wse inc.com  
 Email: quatrini@wse inc.com  
 Format:  EXCEL  PDF  GIS KEY

Proposal Provided? (For Billing purposes)  yes  no  
 State Form Required?  yes  no

Field ID	Sample Description	Lab #	Date Sampled		Comp- osite	Grab	*Matrix Code	Conc. Code	X	Dry weigh for VOCs	ANALYSIS REQUESTED	# of containers	**Preservation	-Cont. Code	-Cont. Code	A=amber glass G=glass P=plastic ST=sterile V=vial S=summa can T=tedlar bag O=Other
			Start Date/Time	Stop Date/Time												
SB7	<del>SB7</del> 5 feet	11	12/3/09	3.40		✓	S	U	X							
SB8	<del>SB8</del> 4-5	05	12/3/09	10.45		✓	S	U	X							
WSE3	<del>WSE3</del> 2 feet	06	12/3/09	10.00		✓	S	U	X							

Laboratory Comments: w/ 10 Solids CCC for missing % Solids MA 12/9/09  
 Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:  
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) <u>[Signature]</u>	Date/Time: 12/7/09 16:30	<b>Turnaround **</b> <input type="checkbox"/> 7-Day <input type="checkbox"/> 10-Day <input checked="" type="checkbox"/> Other <u>Star</u>	<b>Detection Limit Requirements</b> Regulations? <u>TCLP</u> Data Enhancement Project/RCP? <input type="checkbox"/> Y <input type="checkbox"/> N	<b>*Matrix Code:</b> GW= groundwater WW= wastewater DW= drinking water A = air S = soil/solid SL = sludge O = other	<b>**Preservation Codes:</b> I = Iced H = HCL M = Methanol N = Nitric Acid S = Sulfuric Acid B = Sodium bisulfate O = Other
Received by: (signature) <u>[Signature]</u>	Date/Time: 12/8/09 11:05	<b>RUSH *</b> <input type="checkbox"/> *24-Hr <input type="checkbox"/> *48-Hr <input type="checkbox"/> *72-Hr <input type="checkbox"/> *4-Day * Require lab approval	Special Requirements or DL's: _____		
Relinquished by: (signature) <u>[Signature]</u>	Date/Time: 12/8/09 18:41				
Received by: (signature) <u>[Signature]</u>	Date/Time: 12/8/09 18:41				

\*\* TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.



### Sample Receipt Checklist

CLIENT NAME: Weston & Sampson RECEIVED BY: JDP DATE: 12/8/09

- 1) Was the chain(s) of custody relinquished and signed? Yes  No
- 2) Does the chain agree with the samples? Yes  No   
If not, explain:
- 3) Are all the samples in good condition? Yes  No   
If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)? Yes  No

Temperature °C by Temp blank 30C Temperature °C by Temp gun \_\_\_\_\_

5) Are there Dissolved samples for the lab to filter? Yes  No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Are there any samples "On Hold"? Yes  No  Stored where:

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes  No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

8) Location where samples are stored:

Permission to subcontract samples? Yes No  
(Walk-in clients only) if not already approved  
Client Signature: \_\_\_\_\_

### Containers sent in to Con-Test

	# of containers			# of containers
1 Liter Amber			8 oz clear jar	
500 mL Amber			4 oz clear jar	
250 mL Amber (8oz amber)	3		2 oz clear jar	
1 Liter Plastic			Other glass jar	
500 mL Plastic			Plastic Bag / Ziploc	
250 mL plastic			Air Cassette	
40 mL Vial - type listed below			Brass Sleeves	
Colisure / bacteria bottle			Tubes	
Dissolved Oxygen bottle			Summa Cans	
Flashpoint bottle			Regulators	
Encore			Other	

Laboratory Comments:

40 mL vials: # HCl \_\_\_\_\_ # Methanol \_\_\_\_\_  
# Bisulfate \_\_\_\_\_ # DI Water \_\_\_\_\_  
# Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

Time and Date Frozen: \_\_\_\_\_

Do all samples have the proper pH: Yes No N/A

**MADEP MCP Analytical Method Report Certification Form**

Laboratory Name: Con-Test Analytical Laboratory	Project #: 09L0184
Project Location: Revere Parcel H	MADEP RTN1 <sup>1</sup> :

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]  
 09L0184-01 thru 09L0184-10

Sample Matrices: Soil

MCP SW-846 Methods Used	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M <sup>2</sup> ( )
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	8082 ( )	8021B ( )	EPH (X)	7000 S <sup>3</sup> ( )	7196A ( )
1 List Release Tracking Number (RTN), if known 2 M -- SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method 3 S -- SW-846 Methods 7000 Series List individual method and analyte					

**An affirmative response to questions A, B, C and D is required for "Presumptive Certainty" status**

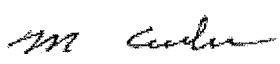
<b>A</b>	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>B</b>	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>C</b>	Does the data included in this report meet all the analytical requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>D</b>	VPH and EPH Methods only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

**A response to questions E and F below is required for "Presumptive Certainty" status**

<b>E</b>	Were all analytical QC performance standards and recommendations for the specified methods achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>F</b>	Were results for all analyte-list compounds/elements for the specified method(s) reported?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

<sup>1</sup>All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

**I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.**

Signature: 	Position: Laboratory Director
Printed Name: Michael A. Erickson	Date: 12/11/09

## Chris Hall

---

**From:** Quattrini, Samuele [quattrinis@wseinc.com]  
**Sent:** Friday, December 11, 2009 12:43 PM  
**To:** chall@contestlabs.com  
**Subject:** Revere Parcel H COC modification  
**Attachments:** COCmod revere parcel h\_0001.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Hi Chris,

Please modify the sample description in last two rows as showed in the included COC:

- Insert SB-6 instead of SB-5 (ex SB-12) and Dup 1 refers to SB-6 as well

Thanks  
Sam

The contents of this email and any attachments are confidential and the property of the Weston & Sampson companies. The email contents are only to be used by the intended recipient of the email.

If you are not the intended recipient then use, disclosure, copying, distribution or reliance on the email is prohibited. All professional advice from us should be obtained in writing (not email).

-----Original Message-----

**From:** 2ndFloorCopier@wseinc.com [mailto:2ndFloorCopier@wseinc.com]  
**Sent:** Friday, December 11, 2009 1:41 PM  
**To:** Quattrini, Samuele  
**Subject:**

This E-mail was sent from "RNPB6DF69" (Aficio MP 1100).

Scan Date: 12.11.2009 13:40:44 (-0500)  
Queries to: [2ndFloorCopier@wseinc.com](mailto:2ndFloorCopier@wseinc.com)





**Gilson Aspec XL4 Fractionation Check**

Silica Gel Lot: S212-49  
 Frac Check Lot: 110309 PJG  
 Hexane Lot: 49190  
 DCM Lot: DA121  
 Acetone Lot: 49170

Vendor: PHENOMENEX  
 Amount of DCM Collected: 5000 µL  
 Amount of Hexane Collected: 1800 µL

Data File: 110409 D1104015/D1104016

Compound	Conc. (ppm)	Rec.	% Rec.	Limits
Naphthalene	50	34.608	69%	40-140
2-Methylnaphthalene	50	36.758	74%	40-140
Acenaphthalene	50	39.091	78%	40-140
Acenaphthene	50	37.140	74%	40-140
Fluorene	50	40.427	81%	40-140
Phenanthrene	50	42.167	84%	40-140
Anthracene	50	45.050	90%	40-140
o-Terphenyl (surr.)	50	41.987	84%	40-140
Fluoranthene	50	45.589	91%	40-140
Pyrene	50	47.349	95%	40-140
Benzo(a)anthracene	50	47.330	95%	40-140
Chrysene	50	48.575	97%	40-140
Benzo(b)fluoranthene	50	48.579	97%	40-140
Benzo(k)fluoranthene	50	47.442	95%	40-140
Benzo(a)pyrene	50	46.136	92%	40-140
Indeno(123cd)pyrene	50	45.379	91%	40-140
Dibenzo(ah)anthracene	50	46.058	92%	40-140
Benzo(ghi)perylene	50	46.349	93%	40-140
C9	50	26.223	52%	30-140
C10	50	31.746	63%	40-140
C12	50	34.423	69%	40-140
C14	50	39.479	79%	40-140
C16	50	43.992	88%	40-140
C18	50	47.810	96%	40-140
C19	50	48.635	97%	40-140
C20	50	50.586	101%	40-140
1-Chloro-octadecane (surr.)	50	38.510	77%	40-140
C22	50	51.286	103%	40-140
C24	50	51.409	103%	40-140
C26	50	53.537	107%	40-140
C28	50	52.366	105%	40-140
C30	50	52.300	105%	40-140
C36	50	51.587	103%	40-140
<b>Fractionation Surrogates</b>				
2-Fluorobiphenyl	50	48.999	98%	40-140
2-Bromonaphthalene	50	46.149	92%	40-140
Aliphatic bleed thru			% (<5%)	
Naphthalene	0		0.000	
2-Methylnaphthalene	0		0.000	



**APPENDIX F**

Groundwater Analytical Results





38 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

December 29, 2009

Kevin Novello  
Weston & Sampson Engineers MA  
5 Centennial Drive  
Peabody, MA 01960

Project Location: Revere Parcel, H  
Client Job Number:  
Project Number: 2090037  
Laboratory Work Order Number: 09L0494

Enclosed are results of analyses for samples received by the laboratory on December 17, 2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley  
Project Manager



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Weston & Sampson Engineers MA  
 5 Centennial Drive  
 Peabody, MA 01960  
 ATTN: Kevin Novello

REPORT DATE: 12/29/2009

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2090037

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 09L0494

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Revere Parcel, H

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WSE-1	09L0494-01	Ground Water		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SW-846 6020A SW-846 7470A SW-846 8270C	
WSE-2	09L0494-02	Ground Water		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SW-846 6020A SW-846 7470A SW-846 8270C	
WSE-3	09L0494-03	Ground Water		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SW-846 6020A SW-846 7470A SW-846 8270C	
DUP-1	09L0494-04	Ground Water		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SW-846 6020A SW-846 7470A SW-846 8270C	
Trip Blank	09L0494-05	Trip Blank Water		MADEP-VPH-04-1.1	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 6020, only RCRA 8 metals were requested and reported.

For method 8270, only PAHs for EPH GW-1 were requested and reported.

SW-846 8270C

Qualifications:

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

Benzo(i)fluoranthene

09L0494-01[WSE-1], 09L0494-02[WSE-2], 09L0494-03[WSE-3], 09L0494-04[DUP-1], B008753-BLK1, B008753-BS1, B008753-BSD1

MADEP-EPH-04-1.1

SPE cartridge contamination with non-petroleum compounds, if present, is verified by GC/MS in each method blank per extraction batch and excluded from C11-C22 aromatic range fraction in all samples in the batch. No significant modifications were made to the method.

MADEP-VPH-04-1.1

No significant modifications were made to the method. All VPH samples were received preserved properly at pH <2 in the proper containers as specified on the chain-of-custody form unless specified in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson  
Laboratory Director



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: WSE-1

Sampled: 12/16/2009 12:55

Sample ID: 09L0494-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	12/22/09	12/24/09 5:23	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	12/22/09	12/24/09 5:23	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	12/22/09	12/24/09 5:23	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	12/22/09	12/24/09 5:23	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1	L-07A	SW-846 8270C	12/22/09	12/24/09 5:23	BGL
Chrysenes	ND	0.20	µg/L	1		SW-846 8270C	12/22/09	12/24/09 5:23	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/22/09	12/24/09 5:23	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	12/22/09	12/24/09 5:23	BGL
<b>Surrogates</b>		<b>% Recovery</b>		<b>Recovery Limits</b>	<b>Flag</b>				
o-Terphenyl (OTP)		72.9		30-130				12/24/09 5:23	





39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: WSE-1

Sampled: 12/16/2009 12:55

Sample ID: 09L0494-01

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	150	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
C19-C36 Aliphatics	ND	150	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Acenaphthylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Benzo(a)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Benzo(a)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Benzo(b)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Benzo(g,h,i)perylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Benzo(k)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Chrysene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Dibenz(a,h)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Indeno(1,2,3-cd)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Phenanthrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:14	CJM
Surrogates		% Recovery	Recovery Limits		Flag				
Chlorooctadecane (COD)		79.9	40-140					12/24/09 2:14	
o-Terphenyl (OTP)		92.7	40-140					12/24/09 2:14	
2-Bromonaphthalene		97.8	40-140					12/24/09 2:14	
2-Fluorobiphenyl		103	40-140					12/24/09 2:14	



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: WSE-1

Sampled: 12/16/2009 12:55

Sample ID: 09L0494-01

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - VPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 1:35	EEH
C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 1:35	EEH
Unadjusted C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 1:35	EEH
C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 1:35	EEH
C9-C10 Aromatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 1:35	EEH
Benzene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 1:35	EEH
Ethylbenzene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 1:35	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 1:35	EEH
Naphthalene	ND	10	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 1:35	EEH
Toluene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 1:35	EEH
m+p Xylene	ND	2.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 1:35	EEH
o-Xylene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 1:35	EEH
Surrogates		% Recovery	Recovery Limits		Flag				
2,5-Dibromotoluene (FID)		96.4	70-130					12/22/09 1:35	
2,5-Dibromotoluene (PID)		98.1	70-130					12/22/09 1:35	



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: WSE-1

Sampled: 12/16/2009 12:55

Sample ID: 09L0494-01

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Arsenic	19	2.0	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:28	KMT
Barium	ND	250	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:28	KMT
Cadmium	ND	2.5	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:28	KMT
Chromium	ND	50	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:28	KMT
Lead	ND	5.0	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:28	KMT
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/22/09	12/23/09 14:12	MPF
Selenium	44	25	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:28	KMT
Silver	ND	2.5	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:28	KMT



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: WSE-2

Sampled: 12/16/2009 14:40

Sample ID: 09L0494-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	12/22/09	12/24/09 5:53	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	12/22/09	12/24/09 5:53	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	12/22/09	12/24/09 5:53	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	12/22/09	12/24/09 5:53	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1	L-07A	SW-846 8270C	12/22/09	12/24/09 5:53	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	12/22/09	12/24/09 5:53	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/22/09	12/24/09 5:53	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	12/22/09	12/24/09 5:53	BGL
<b>Surrogates</b>		<b>% Recovery</b>		<b>Recovery Limits</b>	<b>Flag</b>				
o-Terphenyl (OTP)		77.2		30-130				12/24/09 5:53	



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Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: WSE-2

Sampled: 12/16/2009 14:40

Sample ID: 09L0494-02

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	150	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
C19-C36 Aliphatics	ND	150	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Acenaphthylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Benzo(a)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Benzo(a)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Benzo(b)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Benzo(g,h,i)perylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Benzo(k)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Chrysene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Dibenz(a,h)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Indeno(1,2,3-cd)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Phenanthrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:35	CJM

Surrogates	% Recovery	Recovery Limits	Flag	Date/Time Analyzed
Chlorooctadecane (COD)	79.5	40-140		12/24/09 2:35
o-Terphenyl (OTP)	87.9	40-140		12/24/09 2:35
2-Bromonaphthalene	93.7	40-140		12/24/09 2:35
2-Fluorobiphenyl	98.9	40-140		12/24/09 2:35

Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: WSE-2

Sampled: 12/16/2009 14:40

Sample ID: 09L0494-02

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - VPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 2:23	EEH
C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 2:23	EEH
Unadjusted C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 2:23	EEH
C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 2:23	EEH
C9-C10 Aromatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 2:23	EEH
Benzene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 2:23	EEH
Ethylbenzene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 2:23	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 2:23	EEH
Naphthalene	ND	10	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 2:23	EEH
Toluene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 2:23	EEH
m+p Xylene	ND	2.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 2:23	EEH
o-Xylene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 2:23	EEH
<b>Surrogates</b>		<b>% Recovery</b>			<b>Flag</b>				
2,5-Dibromotoluene (FID)		97.0						12/22/09 2:23	
2,5-Dibromotoluene (PID)		99.0						12/22/09 2:23	



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Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: WSE-2

Sampled: 12/16/2009 14:40

Sample ID: 09L0494-02

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Arsenic	11	2.0	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:45	KMT
Barium	ND	250	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:45	KMT
Cadmium	ND	2.5	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:45	KMT
Chromium	ND	50	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:45	KMT
Lead	ND	5.0	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:45	KMT
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/22/09	12/23/09 14:14	MPF
Selenium	28	25	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:45	KMT
Silver	ND	2.5	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:45	KMT



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Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: WSE-3

Sampled: 12/16/2009 11:05

Sample ID: 09L0494-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	12/22/09	12/24/09 6:22	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	12/22/09	12/24/09 6:22	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	12/22/09	12/24/09 6:22	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	12/22/09	12/24/09 6:22	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1	L-07A	SW-846 8270C	12/22/09	12/24/09 6:22	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	12/22/09	12/24/09 6:22	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/22/09	12/24/09 6:22	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	12/22/09	12/24/09 6:22	BGL
<b>Surrogates</b>		<b>% Recovery</b>		<b>Recovery Limits</b>	<b>Flag</b>				
o-Terphenyl (OTP)		65.0		30-130				12/24/09 6:22	





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Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: WSE-3

Sampled: 12/16/2009 11:05

Sample ID: 09L0494-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	150	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
C19-C36 Aliphatics	ND	150	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Acenaphthylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Benzo(a)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Benzo(a)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Benzo(b)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Benzo(g,h,i)perylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Benzo(k)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Chrysene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Dibenz(a,h)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Indeno(1,2,3-cd)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Phenanthrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 2:56	CJM

Surrogates	% Recovery	Recovery Limits	Flag
Chlorooctadecane (COD)	53.7	40-140	12/24/09 2:56
o-Terphenyl (OTP)	80.3	40-140	12/24/09 2:56
2-Bromonaphthalene	88.6	40-140	12/24/09 2:56
2-Fluorobiphenyl	93.9	40-140	12/24/09 2:56



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Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: WSE-3

Sampled: 12/16/2009 11:05

Sample ID: 09L0494-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - VPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 3:11	EEH
C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 3:11	EEH
Unadjusted C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 3:11	EEH
C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 3:11	EEH
C9-C10 Aromatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 3:11	EEH
Benzene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 3:11	EEH
Ethylbenzene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 3:11	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 3:11	EEH
Naphthalene	ND	10	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 3:11	EEH
Toluene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 3:11	EEH
m+p Xylene	ND	2.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 3:11	EEH
o-Xylene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/21/09	12/22/09 3:11	EEH
Surrogates		% Recovery	Recovery Limits		Flag				
2,5-Dibromotoluene (FID)		98.6	70-130					12/22/09 3:11	
2,5-Dibromotoluene (PID)		100	70-130					12/22/09 3:11	



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Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: WSE-3

Sampled: 12/16/2009 11:05

Sample ID: 09L0494-03

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Arsenic	4.9	2.0	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:49	KMT
Barium	ND	250	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:49	KMT
Cadmium	ND	2.5	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:49	KMT
Chromium	ND	50	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:49	KMT
Lead	ND	5.0	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:49	KMT
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/22/09	12/23/09 14:16	MPF
Selenium	ND	25	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:49	KMT
Silver	ND	2.5	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:49	KMT



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Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: DUP-1

Sampled: 12/16/2009 12:55

Sample ID: 09L0494-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzo(a)anthracene	ND	0.050	µg/L	1		SW-846 8270C	12/22/09	12/29/09 12:27	BGL
Benzo(a)pyrene	ND	0.10	µg/L	1		SW-846 8270C	12/22/09	12/29/09 12:27	BGL
Benzo(b)fluoranthene	ND	0.050	µg/L	1		SW-846 8270C	12/22/09	12/29/09 12:27	BGL
Benzo(g,h,i)perylene	ND	0.50	µg/L	1		SW-846 8270C	12/22/09	12/29/09 12:27	BGL
Benzo(k)fluoranthene	ND	0.20	µg/L	1	L-07A	SW-846 8270C	12/22/09	12/29/09 12:27	BGL
Chrysene	ND	0.20	µg/L	1		SW-846 8270C	12/22/09	12/29/09 12:27	BGL
Dibenz(a,h)anthracene	ND	0.20	µg/L	1		SW-846 8270C	12/22/09	12/29/09 12:27	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L	1		SW-846 8270C	12/22/09	12/29/09 12:27	BGL
<b>Surrogates</b>		<b>% Recovery</b>		<b>Recovery Limits</b>	<b>Flag</b>				
o-Terphenyl (OTP)		49.1		30-130				12/29/09 12:27	



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Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: DUP-1

Sampled: 12/16/2009 12:55

Sample ID: 09L0494-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	150	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
C19-C36 Aliphatics	ND	150	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Acenaphthylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Benzo(a)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Benzo(a)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Benzo(b)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Benzo(g,h,i)perylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Benzo(k)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Chrysene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Dibenz(a,h)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Indeno(1,2,3-cd)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Phenanthrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	12/22/09	12/24/09 19:14	CJM

Surrogates	% Recovery	Recovery Limits	Flag	Date/Time Analyzed
Chlorooctadecane (COD)	76.7	40-140		12/24/09 19:14
o-Terphenyl (OTP)	82.5	40-140		12/24/09 19:14
2-Bromonaphthalene	84.8	40-140		12/24/09 19:14
2-Fluorobiphenyl	88.5	40-140		12/24/09 19:14



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: DUP-1

Sampled: 12/16/2009 12:55

Sample ID: 09L0494-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - VPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Unadjusted C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 20:40	EEH
C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 20:40	EEH
Unadjusted C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 20:40	EEH
C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 20:40	EEH
C9-C10 Aromatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 20:40	EEH
Benzene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 20:40	EEH
Ethylbenzene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 20:40	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 20:40	EEH
Naphthalene	ND	10	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 20:40	EEH
Toluene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 20:40	EEH
m+p Xylene	ND	2.0	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 20:40	EEH
o-Xylene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 20:40	EEH
Surrogates	% Recovery		Recovery Limits		Flag				
2,5-Dibromotoluene (FID)	104		70-130					12/22/09 20:40	
2,5-Dibromotoluene (PID)	101		70-130					12/22/09 20:40	



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: DUP-1

Sampled: 12/16/2009 12:55

Sample ID: 09L0494-04

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Arsenic	21	2.0	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:52	KMT
Barium	ND	250	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:52	KMT
Cadmium	ND	2.5	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:52	KMT
Chromium	ND	50	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:52	KMT
Lead	ND	5.0	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:52	KMT
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	12/22/09	12/23/09 14:21	MPF
Selenium	51	25	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:52	KMT
Silver	ND	2.5	µg/L	1		SW-846 6020A	12/21/09	12/22/09 13:52	KMT



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Revere Parcel, H

Sample Description:

Work Order: 09L0494

Date Received: 12/17/2009

Field Sample #: Trip Blank

Sampled: 12/16/2009 00:00

Sample ID: 09L0494-05

Sample Matrix: Trip Blank Water

Petroleum Hydrocarbons Analyses - VPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date	Date/Time	Analyst
							Prepared	Analyzed	
Unadjusted C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 12:37	EEH
C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 12:37	EEH
Unadjusted C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 12:37	EEH
C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 12:37	EEH
C9-C10 Aromatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 12:37	EEH
Benzene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 12:37	EEH
Ethylbenzene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 12:37	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 12:37	EEH
Naphthalene	ND	10	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 12:37	EEH
Toluene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 12:37	EEH
m+p Xylene	ND	2.0	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 12:37	EEH
o-Xylene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	12/22/09	12/22/09 12:37	EEH
Surrogates	% Recovery		Recovery Limits		Flag				
2,5-Dibromotoluene (FID)	92.4		70-130					12/22/09 12:37	
2,5-Dibromotoluene (PID)	90.9		70-130					12/22/09 12:37	





39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**Sample Extraction Data**

Prep Method: SW-846 3510C-MADEP-EPH-04-1.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
09L0494-01 [WSE-1]	B008683	1000	2	12/22/09
09L0494-02 [WSE-2]	B008683	1000	2	12/22/09
09L0494-03 [WSE-3]	B008683	1000	2	12/22/09
09L0494-04 [DUP-1]	B008683	1000	2	12/22/09

Prep Method: MA VPH-MADEP-VPH-04-1.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
09L0494-01 [WSE-1]	B008592	5	5	12/21/09
09L0494-02 [WSE-2]	B008592	5	5	12/21/09
09L0494-03 [WSE-3]	B008592	5	5	12/21/09

Prep Method: MA VPH-MADEP-VPH-04-1.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
09L0494-04 [DUP-1]	B008665	5	5	12/22/09
09L0494-05 [Trip Blank]	B008665	5	5	12/22/09

Prep Method: SW-846 3005A Dissolved-SW-846 6020A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
09L0494-01 [WSE-1]	B008647	50	50	12/21/09
09L0494-02 [WSE-2]	B008647	50	50	12/21/09
09L0494-03 [WSE-3]	B008647	50	50	12/21/09
09L0494-04 [DUP-1]	B008647	50	50	12/21/09

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
09L0494-01 [WSE-1]	B008707	6	6	12/22/09
09L0494-02 [WSE-2]	B008707	6	6	12/22/09
09L0494-03 [WSE-3]	B008707	6	6	12/22/09
09L0494-04 [DUP-1]	B008707	6	6	12/22/09

Prep Method: SW-846 3510C-SW-846 8270C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
09L0494-01 [WSE-1]	B008753	1000	1	12/22/09
09L0494-02 [WSE-2]	B008753	1000	1	12/22/09
09L0494-03 [WSE-3]	B008753	1000	1	12/22/09
09L0494-04 [DUP-1]	B008753	1000	1	12/22/09



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008753 - SW-846 3510C</b>										
<b>Blank (B008753-BLK1)</b> Prepared: 12/22/09 Analyzed: 12/23/09										
Benzo(a)anthracene	ND	0.050	µg/L							
Benzo(a)pyrene	ND	0.10	µg/L							
Benzo(b)fluoranthene	ND	0.050	µg/L							
Benzo(g,h,i)perylene	ND	0.50	µg/L							
Benzo(k)fluoranthene	ND	0.20	µg/L							L-07A
Chrysene	ND	0.20	µg/L							
Dibenz(a,h)anthracene	ND	0.20	µg/L							
Indeno(1,2,3-cd)pyrene	ND	0.20	µg/L							
Surrogate: o-Terphenyl (OTP)	76.0		µg/L	100		76.0	30-130			
<b>LCS (B008753-BS1)</b> Prepared: 12/22/09 Analyzed: 12/23/09										
Benzo(a)anthracene	90.5	2.5	µg/L	100		90.5	40-140			
Benzo(a)pyrene	110	5.0	µg/L	100		110	40-140			
Benzo(b)fluoranthene	104	2.5	µg/L	100		104	40-140			
Benzo(g,h,i)perylene	78.5	25	µg/L	100		78.5	40-140			
Benzo(k)fluoranthene	106	10	µg/L	100		106	40-140			L-07A
Chrysene	95.0	10	µg/L	100		95.0	40-140			
Dibenz(a,h)anthracene	83.5	10	µg/L	100		83.5	40-140			
Indeno(1,2,3-cd)pyrene	91.5	10	µg/L	100		91.5	40-140			
Surrogate: o-Terphenyl (OTP)	124		µg/L	100		124	30-130			
<b>LCS Dup (B008753-BSD1)</b> Prepared: 12/22/09 Analyzed: 12/24/09										
Benzo(a)anthracene	86.0	2.5	µg/L	100		86.0	40-140	5.10	20	
Benzo(a)pyrene	104	5.0	µg/L	100		104	40-140	5.15	20	
Benzo(b)fluoranthene	97.5	2.5	µg/L	100		97.5	40-140	6.93	20	
Benzo(g,h,i)perylene	80.0	25	µg/L	100		80.0	40-140	1.89	20	
Benzo(k)fluoranthene	20.5	10	µg/L	100		20.5 *	40-140	135 *	20	L-07A
Chrysene	92.0	10	µg/L	100		92.0	40-140	3.21	20	
Dibenz(a,h)anthracene	72.0	10	µg/L	100		72.0	40-140	14.8	20	
Indeno(1,2,3-cd)pyrene	88.0	10	µg/L	100		88.0	40-140	3.90	50	‡
Surrogate: o-Terphenyl (OTP)	114		µg/L	100		114	30-130			



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B008683 - SW-846 3510C										
Blank (B008683-BLK1) Prepared: 12/22/09 Analyzed: 12/23/09										
C9-C18 Aliphatics	ND	150	µg/L							
C19-C36 Aliphatics	ND	150	µg/L							
Unadjusted C11-C22 Aromatics	ND	100	µg/L							
C11-C22 Aromatics	ND	100	µg/L							
Acenaphthene	ND	2.0	µg/L							
Acenaphthylene	ND	2.0	µg/L							
Anthracene	ND	2.0	µg/L							
Benzo(a)anthracene	ND	2.0	µg/L							
Benzo(a)pyrene	ND	2.0	µg/L							
Benzo(b)fluoranthene	ND	2.0	µg/L							
Benzo(g,h,i)perylene	ND	2.0	µg/L							
Benzo(k)fluoranthene	ND	2.0	µg/L							
Chrysene	ND	2.0	µg/L							
Dibenz(a,h)anthracene	ND	2.0	µg/L							
Fluoranthene	ND	2.0	µg/L							
Fluorene	ND	2.0	µg/L							
Indeno(1,2,3-cd)pyrene	ND	2.0	µg/L							
2-Methylnaphthalene	ND	2.0	µg/L							
Naphthalene	ND	2.0	µg/L							
Phenanthrene	ND	2.0	µg/L							
Pyrene	ND	2.0	µg/L							
Surrogate: Chlorooctadecane (COD)	87.7		µg/L	100		87.7	40-140			
Surrogate: o-Terphenyl (OTP)	85.6		µg/L	100		85.6	40-140			
Surrogate: 2-Bromonaphthalene	87.0		µg/L	100		87.0	40-140			
Surrogate: 2-Fluorobiphenyl	90.4		µg/L	100		90.4	40-140			
LCS (B008683-BS1) Prepared: 12/22/09 Analyzed: 12/23/09										
C9-C18 Aliphatics	563	150	µg/L	600		93.9	40-140			
C19-C36 Aliphatics	900	150	µg/L	800		113	40-140			
Unadjusted C11-C22 Aromatics	1660	100	µg/L	1700		97.8	40-140			
Acenaphthene	85.7	2.0	µg/L	100		85.7	40-140			
Acenaphthylene	90.1	2.0	µg/L	100		90.1	40-140			
Anthracene	97.0	2.0	µg/L	100		97.0	40-140			
Benzo(a)anthracene	93.2	2.0	µg/L	100		93.2	40-140			
Benzo(a)pyrene	92.2	2.0	µg/L	100		92.2	40-140			
Benzo(b)fluoranthene	96.8	2.0	µg/L	100		96.8	40-140			
Benzo(g,h,i)perylene	94.1	2.0	µg/L	100		94.1	40-140			
Benzo(k)fluoranthene	94.5	2.0	µg/L	100		94.5	40-140			
Chrysene	96.8	2.0	µg/L	100		96.8	40-140			
Dibenz(a,h)anthracene	92.5	2.0	µg/L	100		92.5	40-140			
Fluoranthene	93.4	2.0	µg/L	100		93.4	40-140			
Fluorene	93.0	2.0	µg/L	100		93.0	40-140			
Indeno(1,2,3-cd)pyrene	92.1	2.0	µg/L	100		92.1	40-140			
2-Methylnaphthalene	84.6	2.0	µg/L	100		84.6	40-140			
Naphthalene	76.6	2.0	µg/L	100		76.6	40-140			
Phenanthrene	93.1	2.0	µg/L	100		93.1	40-140			
Pyrene	96.7	2.0	µg/L	100		96.7	40-140			
n-Nonane	53.8	2.0	µg/L	100		53.8	30-140			
Naphthalene-aliphatic fraction	0.00		µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	0.00		µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	85.9		µg/L	100		85.9	40-140			
Surrogate: o-Terphenyl (OTP)	94.2		µg/L	100		94.2	40-140			

**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - EPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008683 - SW-846 3510C</b>										
<b>LCS (B008683-BS1)</b>					Prepared: 12/22/09 Analyzed: 12/23/09					
Surrogate: 2-Bromonaphthalene	94.8		µg/L	100		94.8	40-140			
Surrogate: 2-Fluorobiphenyl	101		µg/L	100		101	40-140			
<b>LCS Dup (B008683-BS1)</b>					Prepared: 12/22/09 Analyzed: 12/23/09					
C9-C18 Aliphatics	560	150	µg/L	600		93.3	40-140	0.611	25	
C19-C36 Aliphatics	905	150	µg/L	800		113	40-140	0.486	25	
Unadjusted C11-C22 Aromatics	1610	100	µg/L	1700		94.5	40-140	3.41	25	
Acenaphthene	81.9	2.0	µg/L	100		81.9	40-140	4.57	25	
Acenaphthylene	85.8	2.0	µg/L	100		85.8	40-140	4.89	25	
Anthracene	94.5	2.0	µg/L	100		94.5	40-140	2.60	25	
Benzo(a)anthracene	90.5	2.0	µg/L	100		90.5	40-140	2.90	25	
Benzo(a)pyrene	89.2	2.0	µg/L	100		89.2	40-140	3.29	25	
Benzo(b)fluoranthene	93.8	2.0	µg/L	100		93.8	40-140	3.14	25	
Benzo(g,h,i)perylene	90.9	2.0	µg/L	100		90.9	40-140	3.51	25	
Benzo(k)fluoranthene	91.6	2.0	µg/L	100		91.6	40-140	3.15	25	
Chrysene	94.0	2.0	µg/L	100		94.0	40-140	2.98	25	
Dibenz(a,h)anthracene	89.3	2.0	µg/L	100		89.3	40-140	3.50	25	
Fluoranthene	91.0	2.0	µg/L	100		91.0	40-140	2.54	25	
Fluorene	89.5	2.0	µg/L	100		89.5	40-140	3.86	25	
Indeno(1,2,3-cd)pyrene	88.9	2.0	µg/L	100		88.9	40-140	3.60	25	
2-Methylnaphthalene	80.4	2.0	µg/L	100		80.4	40-140	5.12	25	
Naphthalene	72.8	2.0	µg/L	100		72.8	40-140	5.07	25	
Phenanthrene	90.7	2.0	µg/L	100		90.7	40-140	2.64	25	
Pyrene	94.1	2.0	µg/L	100		94.1	40-140	2.71	25	
n-Nonane	51.1	2.0	µg/L	100		51.1	30-140	5.13	25	
Naphthalene-aliphatic fraction	0.00		µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	0.00		µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	83.9		µg/L	100		83.9	40-140			
Surrogate: o-Terphenyl (OTP)	91.7		µg/L	100		91.7	40-140			
Surrogate: 2-Bromonaphthalene	92.9		µg/L	100		92.9	40-140			
Surrogate: 2-Fluorobiphenyl	98.5		µg/L	100		98.5	40-140			



39 Spruce Street \* East Longmeadow, MA 01026 \* FAX 413/525-6405 \* TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - VPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008592 - MA VPH</b>										
<b>Blank (B008592-BLK1)</b>										
Prepared & Analyzed: 12/21/09										
Unadjusted C5-C8 Aliphatics	ND	100	µg/L							
C5-C8 Aliphatics	ND	100	µg/L							
Unadjusted C9-C12 Aliphatics	ND	100	µg/L							
C9-C12 Aliphatics	ND	100	µg/L							
C9-C10 Aromatics	ND	100	µg/L							
Benzene	ND	1.0	µg/L							
Butylcyclohexane	ND	1.0	µg/L							
Decane	ND	1.0	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
2-Methylpentane	ND	1.0	µg/L							
Naphthalene	ND	10	µg/L							
Nonane	ND	1.0	µg/L							
Pentane	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
2,2,4-Trimethylpentane	ND	1.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 2,5-Dibromotoluene (FID)	39.0		µg/L	40.0		97.6	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	38.4		µg/L	40.0		96.0	70-130			
<b>LCS (B008592-BS1)</b>										
Prepared & Analyzed: 12/21/09										
Benzene	111	1.0	µg/L	100		111	70-130			
Butylcyclohexane	86.3	1.0	µg/L	100		86.3	70-130			
Decane	101	1.0	µg/L	100		101	70-130			
Ethylbenzene	110	1.0	µg/L	100		110	70-130			
Methyl tert-Butyl Ether (MTBE)	117	1.0	µg/L	100		117	70-130			
2-Methylpentane	118	1.0	µg/L	100		118	70-130			
Naphthalene	95.6	10	µg/L	100		95.6	70-130			
Nonane	87.3	1.0	µg/L	100		87.3	30-130			
Pentane	113	1.0	µg/L	100		113	70-130			
Toluene	110	1.0	µg/L	100		110	70-130			
1,2,4-Trimethylbenzene	107	1.0	µg/L	100		107	70-130			
2,2,4-Trimethylpentane	102	1.0	µg/L	100		102	70-130			
m+p Xylene	219	2.0	µg/L	200		110	70-130			
o-Xylene	110	1.0	µg/L	100		110	70-130			
Surrogate: 2,5-Dibromotoluene (FID)	37.5		µg/L	40.0		93.7	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	37.1		µg/L	40.0		92.8	70-130			
<b>LCS Dup (B008592-BSD1)</b>										
Prepared & Analyzed: 12/21/09										
Benzene	106	1.0	µg/L	100		106	70-130	4.09	25	
Butylcyclohexane	84.6	1.0	µg/L	100		84.6	70-130	1.96	25	
Decane	102	1.0	µg/L	100		102	70-130	0.382	25	
Ethylbenzene	105	1.0	µg/L	100		105	70-130	4.71	25	
Methyl tert-Butyl Ether (MTBE)	111	1.0	µg/L	100		111	70-130	4.69	25	
2-Methylpentane	107	1.0	µg/L	100		107	70-130	9.42	25	
Naphthalene	111	10	µg/L	100		111	70-130	14.6	25	
Nonane	85.1	1.0	µg/L	100		85.1	30-130	2.56	25	
Pentane	102	1.0	µg/L	100		102	70-130	10.3	25	
Toluene	105	1.0	µg/L	100		105	70-130	4.54	25	
1,2,4-Trimethylbenzene	104	1.0	µg/L	100		104	70-130	3.03	25	



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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - VPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008592 - MA VPH</b>										
<b>LCS Dup (B008592-BSD1)</b>										
Prepared & Analyzed: 12/21/09										
2,2,4-Trimethylpentane	97.0	1.0	µg/L	100		97.0	70-130	4.88	25	
m+p Xylene	209	2.0	µg/L	200		105	70-130	4.71	25	
o-Xylene	106	1.0	µg/L	100		106	70-130	3.98	25	
Surrogate: 2,5-Dibromotoluene (FID)	43.9		µg/L	40.0		110	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	44.6		µg/L	40.0		111	70-130			
<b>Batch B008665 - MA VPH</b>										
<b>Blank (B008665-BLK1)</b>										
Prepared & Analyzed: 12/22/09										
Unadjusted C5-C8 Aliphatics	ND	100	µg/L							
C5-C8 Aliphatics	ND	100	µg/L							
Unadjusted C9-C12 Aliphatics	ND	100	µg/L							
C9-C12 Aliphatics	ND	100	µg/L							
C9-C10 Aromatics	ND	100	µg/L							
Benzene	ND	1.0	µg/L							
Butylcyclohexane	ND	1.0	µg/L							
Decane	ND	1.0	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
2-Methylpentane	ND	1.0	µg/L							
Naphthalene	ND	10	µg/L							
Nonane	ND	1.0	µg/L							
Pentane	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
2,2,4-Trimethylpentane	ND	1.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 2,5-Dibromotoluene (FID)	47.5		µg/L	40.0		119	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	48.2		µg/L	40.0		120	70-130			
<b>LCS (B008665-BS1)</b>										
Prepared & Analyzed: 12/22/09										
Benzene	111	1.0	µg/L	100		111	70-130			
Butylcyclohexane	84.8	1.0	µg/L	100		84.8	70-130			
Decane	95.0	1.0	µg/L	100		95.0	70-130			
Ethylbenzene	108	1.0	µg/L	100		108	70-130			
Methyl tert-Butyl Ether (MTBE)	116	1.0	µg/L	100		116	70-130			
2-Methylpentane	110	1.0	µg/L	100		110	70-130			
Naphthalene	112	10	µg/L	100		112	70-130			
Nonane	84.5	1.0	µg/L	100		84.5	30-130			
Pentane	87.7	1.0	µg/L	100		87.7	70-130			
Toluene	109	1.0	µg/L	100		109	70-130			
1,2,4-Trimethylbenzene	108	1.0	µg/L	100		108	70-130			
2,2,4-Trimethylpentane	96.8	1.0	µg/L	100		96.8	70-130			
m+p Xylene	215	2.0	µg/L	200		107	70-130			
o-Xylene	111	1.0	µg/L	100		111	70-130			
Surrogate: 2,5-Dibromotoluene (FID)	49.6		µg/L	40.0		124	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	48.8		µg/L	40.0		122	70-130			



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**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - VPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008665 - MA VPH</b>										
<b>LCS Dup (B008665-BSD1)</b>										
Prepared & Analyzed: 12/22/09										
Benzene	106	1.0	µg/L	100		106	70-130	4.33	25	
Butylcyclohexane	77.6	1.0	µg/L	100		77.6	70-130	8.84	25	
Decane	86.8	1.0	µg/L	100		86.8	70-130	9.09	25	
Ethylbenzene	103	1.0	µg/L	100		103	70-130	4.65	25	
Methyl tert-Butyl Ether (MTBE)	107	1.0	µg/L	100		107	70-130	7.87	25	
2-Methylpentane	99.7	1.0	µg/L	100		99.7	70-130	9.45	25	
Naphthalene	95.0	10	µg/L	100		95.0	70-130	16.5	25	
Nonane	76.2	1.0	µg/L	100		76.2	30-130	10.3	25	
Pentane	98.5	1.0	µg/L	100		98.5	70-130	11.6	25	
Toluene	106	1.0	µg/L	100		106	70-130	2.86	25	
1,2,4-Trimethylbenzene	101	1.0	µg/L	100		101	70-130	6.85	25	
2,2,4-Trimethylpentane	89.3	1.0	µg/L	100		89.3	70-130	8.13	25	
m+p Xylene	205	2.0	µg/L	200		102	70-130	4.88	25	
o-Xylene	104	1.0	µg/L	100		104	70-130	6.59	25	
Surrogate: 2,5-Dibromotoluene (FID)	39.3		µg/L	40.0		98.2	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	39.2		µg/L	40.0		98.1	70-130			

QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008647 - SW-846 3005A Dissolved</b>										
<b>Blank (B008647-BLK1)</b>										
Prepared: 12/21/09 Analyzed: 12/22/09										
Arsenic	ND	2.0	µg/L							
Barium	ND	250	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	50	µg/L							
Lead	ND	5.0	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							
<b>LCS (B008647-BS1)</b>										
Prepared: 12/21/09 Analyzed: 12/22/09										
Arsenic	496	4.0	µg/L	500		99.2	80-120			
Barium	510	500	µg/L	500		102	80-120			
Cadmium	511	5.0	µg/L	500		102	80-120			
Chromium	518	100	µg/L	500		104	80-120			
Lead	526	10	µg/L	500		105	80-120			
Selenium	499	50	µg/L	500		99.8	80-120			
Silver	521	5.0	µg/L	500		104	80-120			
<b>LCS Dup (B008647-BSD1)</b>										
Prepared: 12/21/09 Analyzed: 12/22/09										
Arsenic	497	4.0	µg/L	500		99.4	80-120	0.232	20	
Barium	508	500	µg/L	500		102	80-120	0.398	20	
Cadmium	507	5.0	µg/L	500		101	80-120	0.873	20	
Chromium	514	100	µg/L	500		103	80-120	0.830	20	
Lead	521	10	µg/L	500		104	80-120	0.791	20	
Selenium	497	50	µg/L	500		99.4	80-120	0.364	20	
Silver	509	5.0	µg/L	500		102	80-120	2.39	20	
<b>Duplicate (B008647-DUP1)</b>										
<b>Source: 09L0494-01</b>										
Prepared: 12/21/09 Analyzed: 12/22/09										
Arsenic	19.8	2.0	µg/L		18.7			5.29	20	
Barium	ND	250	µg/L		ND			NC	20	
Cadmium	ND	2.5	µg/L		ND			NC	20	
Chromium	ND	50	µg/L		ND			NC	20	
Lead	ND	5.0	µg/L		ND			NC	20	
Selenium	51.7	25	µg/L		44.4			15.2	20	
Silver	ND	2.5	µg/L		ND			NC	20	
<b>Matrix Spike (B008647-MS1)</b>										
<b>Source: 09L0494-01</b>										
Prepared: 12/21/09 Analyzed: 12/22/09										
Arsenic	519	4.0	µg/L	500	18.7	100	75-125			
Barium	552	500	µg/L	500	34.7	104	75-125			
Cadmium	489	5.0	µg/L	500	ND	97.8	75-125			
Chromium	509	100	µg/L	500	ND	102	75-125			
Lead	535	10	µg/L	500	ND	107	75-125			
Selenium	527	50	µg/L	500	44.4	96.6	75-125			
Silver	503	5.0	µg/L	500	0.144	100	75-125			





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**QUALITY CONTROL**

**Metals Analyses (Dissolved) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B008707 - SW-846 7470A Prep</b>										
<b>Blank (B008707-BLK1)</b>										
				Prepared: 12/22/09 Analyzed: 12/23/09						
Mercury	ND	0.00010	mg/L							
<b>LCS (B008707-BS1)</b>										
				Prepared: 12/22/09 Analyzed: 12/23/09						
Mercury	0.00195	0.00010	mg/L	0.00200		97.4	80-120			
<b>LCS Dup (B008707-BSD1)</b>										
				Prepared: 12/22/09 Analyzed: 12/23/09						
Mercury	0.00191	0.00010	mg/L	0.00200		95.5	80-120	2.06	20	
<b>Duplicate (B008707-DUPI)</b>										
				Source: 09L0494-03			Prepared: 12/22/09 Analyzed: 12/23/09			
Mercury	ND	0.00010	mg/L		ND			NC	20	
<b>Matrix Spike (B008707-MS1)</b>										
				Source: 09L0494-03			Prepared: 12/22/09 Analyzed: 12/23/09			
Mercury	0.00189	0.00010	mg/L	0.00200	ND	94.5	75-125			

**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

L-07A Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>MADEP-EPH-04-1.1 in Water</i>	
C9-C18 Aliphatics	CT,NC,WA
C19-C36 Aliphatics	CT,NC,WA
Unadjusted C11-C22 Aromatics	CT,NC,WA
C11-C22 Aromatics	CT,NC,WA
Acenaphthene	CT,NC,WA
Acenaphthylene	CT,NC,WA
Anthracene	CT,NC,WA
Benzo(a)anthracene	CT,NC,WA
Benzo(a)pyrene	CT,NC,WA
Benzo(b)fluoranthene	CT,NC,WA
Benzo(g,h,i)perylene	CT,NC,WA
Benzo(k)fluoranthene	CT,NC,WA
Chrysene	CT,NC,WA
Dibenz(a,h)anthracene	CT,NC,WA
Fluoranthene	CT,NC,WA
Fluorene	CT,NC,WA
Indeno(1,2,3-cd)pyrene	CT,NC,WA
2-Methylnaphthalene	CT,NC,WA
Naphthalene	CT,NC,WA
Phenanthrene	CT,NC,WA
Pyrene	CT,NC,WA
<i>MADEP-VPH-04-1.1 in Water</i>	
Unadjusted C5-C8 Aliphatics	CT,NC,WA
C5-C8 Aliphatics	CT,NC,WA
Unadjusted C9-C12 Aliphatics	CT,NC,WA
C9-C12 Aliphatics	CT,NC,WA
C9-C10 Aromatics	CT,NC,WA
Benzene	CT,NC,WA
Ethylbenzene	CT,NC,WA
Methyl tert-Butyl Ether (MTBE)	CT,NC,WA
Naphthalene	CT,NC,WA
Toluene	CT,NC,WA
o-Xylene	CT,NC,WA
<i>SW-846 6020A in Water</i>	
Arsenic	CT,NH,NY,RI
Barium	MA,NY,CT
Cadmium	CT,NH,NY,RI
Chromium	CT,NH,NY,RI
Lead	CT,NH,NY,RI
Selenium	CT,NH,NY,RI
<i>SW-846 7470A in Water</i>	
Mercury	CT,NH,NY,RI
<i>SW-846 8270C in Water</i>	
Acenaphthene	NY,CT,NH
Acenaphthylene	NY,CT,NH

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<i>SW-846 8270C in Water</i>	
Anthracene	NY,CT,NH
Benzo(a)anthracene	NY,CT,NH
Benzo(a)pyrene	NY,CT,NH
Benzo(b)fluoranthene	NY,CT,NH
Benzo(g,h,i)perylene	NY,CT,NH
Benzo(k)fluoranthene	NY,CT,NH
Chrysene	NY,CT,NH
Dibenz(a,h)anthracene	NY,CT,NH
Fluoranthene	NY,CT,NH
Fluorene	NY,CT,NH
Indeno(1,2,3-cd)pyrene	NY,CT,NH
Naphthalene	NY,CT,NH
Phenanthrene	NY,CT,NH
Pyrene	NY,CT,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2010
CT	Connecticut Department of Public Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2010
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2010
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2009
NJ	New Jersey DEP	MA007 NELAP	06/30/2010
FL	Florida Department of Health	E871027 NELAP	06/30/2010
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2010
WA	State of Washington Department of Ecology	C2065	03/23/2010



Phone: 413-525-2332  
 Fax: 413-525-6405  
 Email: info@contestlabs.com  
 www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 SPRUCE ST, 2ND FLOOR  
 EAST LONGMEADOW, MA 01028

Company Name: Nestor & Simpson Engineers  
 Address: Five Centennial Drive  
Peabody, MA 01960  
 Attention: Jam Quattrini, Kevin Novello  
 Project Location: Revere Parcel H  
 Sampled By: Jam Quattrini

Telephone: ( 978-532-1900 )  
 Project # 2090037  
 Client PO # \_\_\_\_\_

**DATA DELIVERY (check one):**  
 FAX  EMAIL  WEBSITE CLIENT  
 Fax #: novello@nseng.com  
 Email: quattrini@nseng.com  
 Format:  EXCEL  PDF  GIS KEY  OTHER

8	10	2																	# of containers
H	H	N																	**Preservation
A	V	P																	-Cont. Code

Proposal Provided? (For Billing purposes)  yes  no  
 State Form Required?  yes  no

Field ID	Sample Description	Lab #	Date Sampled		Comp-osite	Grab	*Matrix Code	Conc. Code	ANALYSIS REQUESTED			Client Comments:
			Start Date/Time	Stop Date/Time					EPH	VPH	Dissolved Metals	
	WSE-1	-01	12/16/09	1255		✓	GW	U	X	X	X	
	WSE-2	-02	"	1440		✓	GW	U	X	X	X	
	WSE-3	-03	"	1105		✓	GW	U	X	X	X	
	DUP-1	-04	"	1255		✓	GW	U	X	X	X	
	TRIP BLANK	-05	"							X		

Laboratory Comments: \_\_\_\_\_  
 Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box.  
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 12/16/09 3:30	<b>Turnaround **</b> <input type="checkbox"/> 7-Day <input type="checkbox"/> 10-Day <input checked="" type="checkbox"/> Other: <u>std</u> <b>RUSH *</b> <input type="checkbox"/> *24-Hr <input type="checkbox"/> *48-Hr <input type="checkbox"/> *72-Hr <input type="checkbox"/> *4-Day * Require lab approval	<b>Detection Limit Requirements</b> Regulations? <u>RCP. Include GW1-2-3</u> <u>standard in excel file</u> Data Enhancement Project/RCP? <input type="checkbox"/> Y <input type="checkbox"/> N Special Requirements or DL's: _____	<b>*Matrix Code:</b> GW= groundwater WW= wastewater DW= drinking water A = air S = soil/solid SL = sludge O = other	<b>**Preservation Codes:</b> I = Iced X = Na hydroxide H = HCL T = Na thiosulfate M = Methanol N = Nitric Acid S = Sulfuric Acid B = Sodium bisulfate O = Other
Received by: (signature)	Date/Time: 1300				
Relinquished by: (signature)	Date/Time: 12-17-09				
Received by: (signature)	Date/Time: 12-14-09				

### Sample Receipt Checklist

CLIENT NAME: Weston Sampson RECEIVED BY: CEC DATE: 12/14/09

- 1) Was the chain(s) of custody relinquished and signed?  Yes  No
- 2) Does the chain agree with the samples?  Yes  No  
If not, explain:
- 3) Are all the samples in good condition?  Yes  No  
If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)?  Yes  No

Temperature °C by Temp blank 2-5 Temperature °C by Temp gun \_\_\_\_\_

5) Are there Dissolved samples for the lab to filter? Yes  No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Are there any samples "On Hold"? Yes  No  Stored where: \_\_\_\_\_

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes  No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

8) Location where samples are stored: 14

Permission to subcontract samples? Yes  No   
(Walk-in clients only) if not already approved  
Client Signature: \_\_\_\_\_

### Containers sent in to Con-Test

	# of containers		# of containers
1 Liter Amber	8	8 oz clear jar	
500 mL Amber		4 oz clear jar	
250 mL Amber (8oz amber)		2 oz clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic	4	Air Cassette	
40 mL Vial - type listed below	8	Brass Sleeves	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Summa Cans	
Flashpoint bottle		Regulators	
Encore		Other	

Laboratory Comments: pH < 7

40 mL vials: # HCl \_\_\_\_\_ # Methanol \_\_\_\_\_  
# Bisulfate \_\_\_\_\_ # DI Water \_\_\_\_\_  
# Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

Time and Date Frozen: \_\_\_\_\_

Do all samples have the proper pH:  Yes  No  N/A

**MADEP MCP Analytical Method Report Certification Form**

Laboratory Name: Con-Test Analytical Laboratory      Project #: 09L0494

Project Location: Revere Parcel, H      MADEP RTN1<sup>1</sup>:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]  
09L0494-01 thru 09L0494-05

Sample Matrices: Water

MCP SW-846 Methods Used	8260B ( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A (X)
	8270C (X)	8081A ( )	VPH (X)	6020 (X)	9014M <sup>2</sup> ( )
As specified in MADEP Compendium of Analytical Methods.  (check all that apply)	8082 ( )	8021B ( )	EPH (X)	7000 S <sup>3</sup> ( )	7196A ( )

1 List Release Tracking Number (RTN), if known  
2 M -- SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method  
3 S -- SW-846 Methods 7000 Series List individual method and analyte

**An affirmative response to questions A, B, C and D is required for "Presumptive Certainty" status**

<b>A</b>	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>B</b>	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>C</b>	Does the data included in this report meet all the analytical requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>D</b>	VPH and EPH Methods only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

**A response to questions E and F below is required for "Presumptive Certainty" status**

<b>E</b>	Were all analytical QC performance standards and recommendations for the specified methods achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <sup>1</sup>
<b>F</b>	Were results for all analyte-list compounds/elements for the specified method(s) reported?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <sup>1</sup>

<sup>1</sup>All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

***I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.***

Signature:       Position: Laboratory Director

Printed Name: Michael A. Erickson      Date: 12/29/09

**Gilson Aspec XL4 Fractionation Check**

Silica Gel Lot: S212-49  
 Frac Check Lot: 110309 PJG  
 Hexane Lot: 49190  
 DCM Lot: DA121  
 Acetone Lot: 49170

Vendor: PHENOMENEX  
 Amount of DCM Collected: 5000 µL  
 Amount of Hexane Collected: 1800 µL

Data File: 110409 D1104015/D1104016

<u>Compound</u>	<u>Conc. (ppm)</u>	<u>Rec.</u>	<u>% Rec.</u>	<u>Limits</u>
Naphthalene	50	34.608	69%	40-140
2-Methylnaphthalene	50	36.758	74%	40-140
Acenaphthalene	50	39.091	78%	40-140
Acenaphthene	50	37.140	74%	40-140
Fluorene	50	40.427	81%	40-140
Phenanthrene	50	42.167	84%	40-140
Anthracene	50	45.050	90%	40-140
o-Terphenyl (surr.)	50	41.987	84%	40-140
Fluoranthene	50	45.589	91%	40-140
Pyrene	50	47.349	95%	40-140
Benzo(a)anthracene	50	47.330	95%	40-140
Chrysene	50	48.575	97%	40-140
Benzo(b)fluoranthene	50	48.579	97%	40-140
Benzo(k)fluoranthene	50	47.442	95%	40-140
Benzo(a)pyrene	50	46.136	92%	40-140
Indeno(123cd)pyrene	50	45.379	91%	40-140
Dibenzo(ah)anthracene	50	46.058	92%	40-140
Benzo(ghi)perylene	50	46.349	93%	40-140
C9	50	26.223	52%	30-140
C10	50	31.746	63%	40-140
C12	50	34.423	69%	40-140
C14	50	39.479	79%	40-140
C16	50	43.992	88%	40-140
C18	50	47.810	96%	40-140
C19	50	48.635	97%	40-140
C20	50	50.586	101%	40-140
1-Chloro-octadecane (surr.)	50	38.510	77%	40-140
C22	50	51.286	103%	40-140
C24	50	51.409	103%	40-140
C26	50	53.537	107%	40-140
C28	50	52.366	105%	40-140
C30	50	52.300	105%	40-140
C36	50	51.587	103%	40-140
<b>Fractionation Surrogates</b>				
2-Fluorobiphenyl	50	48.999	98%	40-140
2-Bromonaphthalene	50	46.149	92%	40-140
Aliphatic bleed thru			% (<5%)	
Naphthalene	0		0.000	
2-Methylnaphthalene	0		0.000	





**Weston & Sampson**<sup>®</sup>  
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**APPENDIX H**  
**TERMINOLOGY**

DRAFT

## 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 E 1527-13. The Standard Practice should be referenced for further detail related definitions or additional explanation regarding the meaning of terms.

**Recognized environmental condition (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. De minimis conditions are not recognized environmental conditions.

**De minimis conditions:** Conditions that generally do not present threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions or controlled recognized conditions.

**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 residential 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 historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site 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 recognized environmental condition at the time of the Phase I ESA, the condition shall be included in the conclusions section of the report as a recognized environmental condition,

**Controlled recognized environmental condition(s) (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 the regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report. NOTE: A condition identified as a controlled recognized environmental condition does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented.

**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, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank 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.

**Material impact to public health or environment:** A substantial risk of harm to public health or the environment resulting from the presence or likely presence of an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. An example might include a release of a hazardous substance in concentrations exceeding applicable governmental agency standards under conditions that could reasonably and foreseeably result in substantial exposure to humans or

substantial damage to natural resources. The risk of that exposure or damage would represent a material impact to public health or environment.

**General risk of enforcement action:** The likelihood that an environmental condition would be subject to enforcement action if brought to the attention of appropriate governmental agencies. If the circumstances suggest an enforcement action would be more likely than not, then the condition is considered a general risk of enforcement action.

**Data failure:** A failure to achieve the historical research objectives, even after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap.

**Data gap:** A lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.).