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**ASTM Phase I Environmental Site Assessment**

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**Proposed Commercial  
Development  
350 Mariano Bishop Boulevard  
Fall River, Massachusetts**

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Prepared for **Town Fair Tire Centers, Inc.**  
460 Coe Avenue  
East Haven, CT 06512

Prepared by **VHB/Vanasse Hangen Brustlin, Inc.**  
54 Tuttle Place  
Middletown, Connecticut 06457

April 2002

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# Executive Summary

At the request of Town Fair Tire Centers, Inc., Vanasse Hangen Brustlin, Inc. (VHB) conducted an ASTM Phase I Environmental Site Assessment (PESA) of the vacant, unpaved portion of a property located at 350 Mariano Bishop Boulevard in Fall River, Bristol County, Massachusetts (referred to herein as the "Site"). The PESA was conducted to identify Recognized Environmental Conditions (RECs) based on review of available environmental information and observations of overt evidence of a release or threat of a release of oil or hazardous materials (OHM) at and in the vicinity of the Site. The scope of services for this PESA included: a historical review, a federal and state environmental database search, state and municipal file review, a Site reconnaissance, and interviews with people knowledgeable about the Site.

The PESA was conducted in conformance with ASTM E 1527-00 Standard Practice for Environmental Site Assessments. This PESA is subject to the terms of the Agreement between Town Fair Tire Centers, Inc. and VHB and the Limitations included in Appendix A. VHB understands that Town Fair Tire may enter into a lease agreement for this Site and construct a new retail facility.

## Site Location and Description

The Site is located south of Newton Street, north of Amity Street, and east of Mariano Bishop Boulevard on the southeast outskirts of downtown Fall River. The Site consists of vacant, grassy land, and is part of a larger property (identified in municipal land records as Map C-6, Lot 23) referred to herein as the host parcel. No structures currently exist on the Site. The host parcel is developed with a commercial/retail building (housing the Tri-Med Medical Walk-In Clinic, Fall River Vision, Cote Insurance, Burns Power Tools, and Subway) and a paved parking area. The Site lies immediately to the east of the building and parking lot. The Site vicinity is primarily commercial, with some residences to the southwest. Shaw's supermarket is located on the adjacent property to the east. Newton Street extends along the northern boundary of the property. Papa Gino's restaurant and Bess Eaton donut shop are located beyond Newton Street. Amity Street parallels the southern boundary. A commercial building housing Cordoza's Wine and Spirits shop, Lucky Mart, and Super Delkin Laundromat and Dry Cleaners is located beyond Amity Street. A section of grassy land is also located across Amity Street. Mariano Bishop Boulevard is located along the western property boundary. Somma Gallery and Corner Sleep Shop are located beyond Mariano Bishop Boulevard.

## Historical Review

The host parcel has been developed with the current single-story commercial building since approximately 1980, according to Engineering Department records. No structures currently exist on the Site and no records were found to suggest that the Site was developed in the past. Personnel in the Assessor's office at City Hall stated that the property was "formerly a swamp that was used for dumping materials." The materials dumped reportedly included construction and demolition waste, according to information provided by the MADEP. A Phase I Environmental Site Assessment (ESA) conducted for the K-Mart (Harbour Mall) located across William S. Canning Boulevard (May 31, 1995) provided further information on the Site area. The ESA indicated that properties to the west of William S. Canning Boulevard (including the host parcel and Site) were used as a landfill by the City of Fall River prior to the mid-1940s. The dump, formerly known as the Tucker Street Dump, was privatized at that time. The Tucker Street Dump was in use between 1900 and 1964. The dump was neither lined nor capped. From information provided by the MADEP, VHB believes that the Tucker Street Dump and the Fall River Demolition Landfill are two names for the same landfill. The Fall River Demolition Landfill was formerly closed in 1968.

The Shaw's supermarket, located on the adjacent parcel to the east, was constructed in approximately 1984 according to Engineering Department records. Prior to the Shaw's supermarket, the property was developed with Valle's Steak House. No information was found indicating when the restaurant was constructed. Prior to Valle's Steak House, the property was used as a portion of the Tucker Street Dump. The property across Newton Street from Shaw's was developed with an automobile repair shop prior to becoming the Brooks Pharmacy around 1995. The date of the automobile repair shop construction, and extent of operations, are not known. The commercial building located south of Amity Street to the west of Shaw's is believed to have been part of the former Tucker Street Dump. This property was developed around 1985. The property to the west across Mariano Bishop Boulevard has been developed with a bedding store since 1985. The executive summary of a Phase I Environmental Site Assessment of the Papa Gino's and Bess Eaton donut shop property, located across Newton Street to the north, indicates that this area consisted of a former pond or flooded swampland that had been filled. The Site vicinity was developed generally between 1980 and 1985.

## Site Reconnaissance

The Site consists of vacant, grassy land. No structures exist on the Site. Based on visual observations, it is likely that active utilities are located on the Site. A hydrant is located on the north-central portion of the Site. Two lamp posts, associated with the neighboring Shaw's supermarket, are located on the eastern Site boundary. Litter is strewn throughout the Site. Pieces of rubber are partially buried within the Site. The host parcel is developed with a single-story building housing five commercial/retail tenants. No overt evidence of OHM was observed on exterior portions of the Site.

## Environmental Regulatory Review

Information from the review of the DataMap Technology Corporation Environmental FirstSearch™ (FirstSearch™) database report directly corresponds to the following Massachusetts Department of Environmental Protection (MADEP) file information. No information was found at the MADEP regarding the subject parcel. However, one of the occupants of the building on the property (Burns, Inc.) was listed on the environmental database as a RCRA very small quantity generator. MADEP correspondence regarding seven nearby properties is summarized below:

- **Papa Gino's**, located at 340 Mariano Bishop Boulevard, approximately 0.06 mile to the northeast of the Site, is a State Hazardous Waste site (RTN 4-0001174). A Phase I ESA indicates that this property consisted of a former pond or flooded swampland that had been filled prior to development.
- **Empire Chevrolet**, located at 245 William S. Canning Boulevard, approximately 0.15 mile northeast of the Site, is a RCRA very small quantity generator and a State Spill site (RTN 4-12164).
- **Shopping Plaza**, located at 416 William S. Canning Boulevard, approximately 0.17 mile northeast of the Site, is a State Spill site (RTN 4-0000629) no further action.
- **Shell Service Station**, located at 33 Mariano Bishop Boulevard, approximately 0.37 mile to the northeast of the Site, is a State Hazardous Waste site and State Spill site (RTNs 4-0001062 and 4-0011529[closed]).
- **Mobil Station**, located at 408 Rhode Island Avenue, approximately 0.39 mile northeast of the Site, is a State Hazardous Waste Site and a State Spill site (RTNs 4-0015806 [closed], 4-0001066, and 4-0011706 [closed]).
- **355 Rhode Island Avenue**, approximately 0.42 mile northeast of the Site, is listed as a State Spill site (RTN 4-0012883).
- **Harbour Mall**, located at the intersection of Route 81 and William S. Canning Boulevard, approximately 0.21 mile to the northeast of the Site, is a RCRA very small quantity generator and UST site. This property was also a State Hazardous Waste site (RTN 4-0000292 – no further action). A Phase I ESA conducted in 1995 referred to the Shaw's supermarket parcel adjacent to the Site, indicating the presence of fly ash on the Shaw's parcel. The fly ash was used as fill material for the Tucker Street Dump. Although this property is not considered of environmental significance to the subject Site, information regarding subsurface conditions in the vicinity was obtained from the file review.

Numerous additional environmental listings were identified on nearby and cross-gradient properties, however, these sites are not anticipated to significantly impact subsurface conditions beneath the subject property.

Limited information concerning the Fall River Demolition Landfill, believed to be the same landfill as the Tucker Street Dump, was obtained from the MADEP. The materials

dumped in the landfill include construction and demolition waste. The landfill was closed in 1968, and was neither lined nor capped.

### Conclusions and Recommendations

Based on Site history, environmental file reviews, and Site reconnaissance, VHB did not identify any direct concerns related to historic or current use, storage, and/or disposal of OHM at the Site. However, historical information obtained indicates that the Site may have been part of the former Tucker Street Dump. During the Site reconnaissance, evidence of solid waste disposal (partially buried rubber) was noted. Although this landfill was reportedly used for construction and demolition debris, this was not independently confirmed during the conduct of this assessment. VHB recommends a subsurface investigation be conducted to determine the extent and composition of buried material associated with the landfill. Additional costs may be associated with the removal of this material prior to, or during, construction. Further, the potential exists that migration of contaminants from off-Site sources may impact groundwater at the Site. VHB recommends that groundwater collection and analysis also be performed during the subsurface investigation in order to quantify impacts from potential on-Site and off-Site sources that may affect construction or operation of the new retail facility.



# 1

## Introduction

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### Purpose and Scope of Work

At the request of Town Fair Tire Centers, Inc., Vanasse Hangen Brustlin, Inc. (VHB) conducted an ASTM Phase I Environmental Site Assessment (PESA) of the vacant, unpaved portion of a property located at 350 Mariano Bishop Boulevard in Fall River, Bristol County, Massachusetts (referred to herein as the "Site"). The PESA was conducted to identify Recognized Environmental Conditions (RECs) based on review of available environmental information and observations of overt evidence of a release or threat of a release of oil or hazardous materials (OHM) at and in the vicinity of the Site. The scope of services for this PESA included: a historical review, a federal and state environmental database search, state and municipal file review, a Site reconnaissance, and interviews with people knowledgeable about the Site.

The PESA was conducted in conformance with ASTM E 1527-00 Standard Practice for Environmental Site Assessments. This PESA is subject to the terms of the Agreement between Town Fair Tire Centers, Inc. and VHB and the Limitations included in Appendix A. VHB understands that Town Fair Tire may enter into a lease agreement for this Site and construct a new retail facility.

# Project Location/Description

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## Site Location and Description

The Site is located south of Newton Street, north of Amity Street, and east of Mariano Bishop Boulevard on the southeast outskirts of downtown Fall River. The Site consists of vacant, grassy land, and is part of a larger property (identified in municipal land records as Map C-6, Lot 23) referred to herein as the host parcel. No structures currently exist on the Site. The host parcel is developed with a commercial/retail building (housing the Tri-Med Medical Walk-In Clinic, Fall River Vision, Cote Insurance, Burns Power Tools, and Subway) and a paved parking area. The Site lies immediately to the east of the building and parking lot. The Site vicinity is primarily commercial, with some residences to the southwest. Shaw's supermarket is located on the adjacent property to the east. Newton Street extends along the northern boundary of the property. Papa Gino's restaurant and Bess Eaton donut shop are located beyond Newton Street. Amity Street parallels the southern boundary. A commercial building housing Cordoza's Wine and Spirits shop, Lucky Mart, and Super Delkin Laundromat and Dry Cleaners is located beyond Amity Street. A section of grassy land is also located across Amity Street. Mariano Bishop Boulevard is located along the western property boundary. Somma Gallery and Corner Sleep Shop are located beyond Mariano Bishop Boulevard.

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## Site Utilities

The Site consists of vacant, grassy land. Based on visual observations, it is likely that active utilities are located on the Site. A hydrant is located on the north-central portion of the Site. Electric, telephone, and natural gas lines are available to the commercial building on the property. Sewer lines were connected on October 15, 1973. The nearest utility pole is NET&T Co. #9, located across Newton Street to the north. Three transformers are located on this pole. No PCB labels were observed and no staining was noted.

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## Environmental Setting

The Site currently consists of a vacant, grassy portion of a commercial lot located at 350 Mariano Bishop Boulevard. The environmental setting is further defined as follows.

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### Topography

The United States Geological Survey (USGS) 7.5-Minute Fall River, Massachusetts topographic quadrangle map was used to characterize the general topography of the Site. The Site is located at approximately 50 feet above mean sea level. The immediate Site vicinity exhibits little topographic relief.

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### Soils/Geology

Based on VHB's review of the Surficial Materials Map of Massachusetts, soils in the vicinity of the Site are classified as urban land and udorthents-smoothed. Udorthents-smoothed is a miscellaneous land type consisting of areas that have been altered by cutting and filling activities resulting from construction in the area.

Based on VHB's review of the Bedrock Geological Map of Massachusetts, bedrock geology underlying the Site is identified as granite of the Fall River pluton (USGS 1983). This formation consists of light-gray, medium-grained, biotite granite, in part mafic-poor.

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### Hydrology

The Site is located on a high yield non-potential drinking water source aquifer. Groundwater appears to be flowing generally to the southwest.

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### Wetlands

No documented wetland systems are located on the Site. An area of wetlands is located approximately 200 feet southwest of the Site. Pocasset Cedar Swamp is located approximately 600 feet to the south.

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### Surface Water Bodies

A small-unnamed pond is located approximately 150 feet to the south of the Site. Cook Pond is located approximately 2,600 feet west of the Site.

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### Flood Plains

The Site is located on Federal Emergency Management Agency (FEMA) National Flood Insurance Program (NFIP) Flood Zone Mapping Community Panel 250055 0024D. VHB's

review of the NFIP document revealed that the Site is not located within a 100-year or 500-year flood zone.

# 3

## Historical/Records Review

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### Summary

File reviews, a historic document search, and personal interviews with people knowledgeable about the Site and surrounding areas indicate that the host parcel has been developed with the existing commercial building since 1980. Before development, the Site consisted of a portion of the Tucker Street Dump. The landfill reportedly conducted operations between 1900 and 1964. Information obtained from the MADEP suggests that the Tucker Street Dump was also known as the Fall River Demolition Landfill. Records indicate that the Fall River Demolition Landfill was formally closed in 1968. This landfill was neither lined nor capped. The property consisted of swampland before landfill operations began.

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### Chain of Title

The current property deed is recorded in Bristol County Registry of Deed land records Volume 1224, page 85. The current owners are Raymond Biszko and Raymond J. Biszko (since May 31, 1978). Previous owners include Plaza of Fall River, Inc. between August 3, 1973 and May 31, 1978, and Norman Mason from January 25, 1961 until August 3, 1973. The property was part of a larger parcel owned by John Simpson, Jr. from October 17, 1944 until it was subdivided in 1961. The larger parcel was owned by Manuel Machado Fortuna from June 19, 1926 until October 17, 1944. The parcel was part of a larger property owned by Margaret V. Enos from June 3, 1922 until it was subdivided on June 19, 1926. The larger parcel was owned by Howard L. Whitely and Gertrude E. Whitely (husband and wife), and Walter R. Whitely and Jennie E. Whitely (husband and wife) prior to June 2, 1922.

No environmental liens were identified during the local file review. A certified title search where environmental liens would be definitively identified is not within the scope of services for this investigation. A title company is capable of completing a full title and environmental lien search.

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## Prior Use Interviews

The current commercial building was constructed around 1980. Prior to 1980, the property consisted of vacant land. A portion of the Tucker Street Dump reportedly operated on the property between 1900 and 1964.

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## Local Government Agency Record Review

VHB visited the City of Fall River municipal offices on January 23, 2002, to obtain information regarding Site history and use; zoning and OHM use, storage, release and/or disposal practices that may have occurred at the Site. Copies of relevant municipal files are provided in Appendix D.

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## Assessor's Office

City of Fall River Assessor's records identify the subject property as Map C-6, Lot 23, and the current owners as Raymond Biszko and Raymond J. Biszko.

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## Fire Prevention Office

VHB contacted the City of Fall River Fire Department on January 22, 2002. No response from this office was received by the publication date of this report. Should any additional information of environmental significance be received, it will be forwarded to Client immediately.

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## Engineering Department

On January 23, 2002, VHB interviewed an Engineering Department official regarding the subject property. There were two building permits and no demolition permits on file for the subject property. One of the permits (dated September 16, 1980) was for the construction of a 35-foot by 140-foot steel building, a portion of the current building. This building was later expanded to house the five businesses currently in operation. No building permits were on record for this expansion, however, the Assessor's card verifies the expansion (no date noted). The second permit (dated April 28, 1987) was completed by Burns Power Tools to erect two tents. The tents are no longer present on the property. Engineering Department records indicate that the Site is located within a "B-L" Local Business District.

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## Historical Maps

There was no coverage of the Site on available Sanborn Fire Insurance Maps.

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## Historical City Directories

Select city directories from prior to the 1960's to 2001 were on file for the City of Fall River at the Fall River City Public Library. There was no listing for the property prior to 1983. The property was listed as being occupied by Burns Power Tools from 1983 until 2001.

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## Aerial Photography

No historical aerial photographs were available for the Site or vicinity during the conduct of this assessment.

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## Previous Investigations/Assessments

VHB did not discover any information during the execution of this PESA suggesting that previous investigations or assessments have been performed at the Site.

# 4

## Site Reconnaissance

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### Current Uses and Activities

The Site currently consists of vacant, grassy land. No evidence of OHM was observed in this area. The property is developed with a commercial building, located to the west of the Site. A Site Plan is provided as Figure 3; photographs taken during the Site reconnaissance are provided in Appendix E.

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### Hazardous Materials/Petroleum Products Storage and Handling

No evidence of OHM storage/releases was noted at the Site.

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### Waste Generation, Treatment, Storage and Disposal

The property is located on a portion of the former Tucker Street Dump, in operation between 1900 and 1964. According to MADEP records, it appears that the Tucker Street Dump may also have been known as the Fall River Demolition Landfill. The landfill was formally closed in 1968, and was neither lined nor capped. The landfill contains construction and demolition waste. Burns Power Tools, located within one of the offices in the commercial building, is listed as a RCRA very small quantity generator, producing less than 100 kilograms of hazardous waste per month.

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### Polychlorinated Biphenyls (PCBs)

The nearest utility pole to the Site is NET&T Co. #9, located across Newton Street to the north. Three transformers are located on this pole. No PCB labels and no staining were noted. No potential sources of PCBs were observed on the Site.



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## **Asbestos-Containing Materials**

There are no structures on the Site. No evidence of asbestos containing materials was noted at the Site.

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## **Lead-Based Paint**

There are no structures on the Site. No evidence of lead based paint was noted at the Site.

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## **Mercury Vapor**

No evidence of potential sources of mercury vapor was noted at the Site.

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## **Storage Tanks and Piping**

No overt evidence of ASTs or USTs (including fill or vent pipes) was observed at the Site.

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## **Surface Conditions**

The Site consists of vacant, grassy land. Litter is strewn throughout the Site. Pieces of rubber are partially buried within the Site. The remainder of the property consists of a commercial building and associated paved parking area.

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## Regulatory File Search

VHB conducted file reviews to help identify properties in the vicinity of the Site that have had a release or pose a threat of release of OHM, and which may impact the environmental quality of the Site. VHB reviewed federal and state environmental databases using the DataMap Technology Corporation Environmental FirstSearch™ (FirstSearch™) database. VHB also reviewed select files at the MADEP Bureaus of Water and Waste Management and select Fall River municipal offices.

### Environmental Database Search

VHB reviewed the FirstSearch™ environmental databases: National Priority List (NPL) sites; Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS); Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal (TSD) facilities list; RCRA hazardous waste generators; state list of hazardous waste sites; state list of spills sites; Active Solid Waste Landfill (SWL) facilities; registered underground storage tanks (USTs). Leaking USTs (LUSTs) are included in the State Hazardous Waste Sites database. The FirstSearch™ report is attached in Appendix C. Database search radii were chosen generally in accordance with the ASTM E 1527-00 Standard Practice for Environmental Site Assessments:

DATABASE	ASTM SEARCH RADIUS	NUMBER OF SITES WITHIN SEARCH RADIUS
NPL sites	1 mile	0
CERCLIS sites	0.5 mile	0
RCRA TSD	0.5 mile	0
RCRA COR	1 mile	0
RCRA Generators	0.25 mile	6
State Hazardous Waste Sites	1 mile	21
ERNS sites	0.25 mile	0
State Spills	0.25 mile	24
SWL facilities	0.5 mile	1
Registered USTs	0.25 mile	5

FirstSearch™ identified Burns, Inc., an occupant of the commercial building on the property, as a RCRA very small quantity generator, producing less than 100 kilograms of

hazardous waste per month. No additional information was found regarding the host parcel. The database report identified several sites of potential environmental concern within the specified search radii. Based on a review of these listings, VHB identified potential concerns with the following State Hazardous Waste Sites/RCRA generator/State Spill sites: Papa Gino's, Empire Chevrolet, Shopping Plaza, Shell Service Station, 355 Rhode Island Avenue, Mobil Station. Shaw's supermarket was not listed on any of the databases reviewed as part of this assessment. However, through review of files for nearby sites, information regarding this property, and its application to the Site, was found (see Harbour Mall below). Additional information is provided in the next subsection. The remainder of these listings are predominantly associated with nearby commercial development and are not expected to directly impact conditions at the Site based on the nature of the incidents and/or their distance from the Site.

Sites with minimal or no address information that may be located in close proximity to the subject Site are listed separately in the database report as non-geocoded sites. FirstSearch™ identified twenty-four (24) non-geocoded sites. That list has been reviewed by VHB personnel to determine which sites, if any, could be associated with the Site or are located within the specified search radii. Based on our review, none of these listings are expected to impact the environmental quality of the Site.

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## Department of Environmental Protection

VHB personnel conducted a regulatory review at the MADEP on January 23, 2002 to supplement information provided by the environmental FirstSearch™ database report. No information was found at the MADEP concerning the subject parcel: 350 Mariano Bishop Boulevard. VHB did review MADEP correspondence regarding seven nearby properties. This information is summarized below.

**Papa Gino's (RTN 4-0001174):** This Site is located approximately 0.06 mile northeast and across the street from the Site at 340 Mariano Bishop Boulevard. MADEP has this site classified as a Tier II Disposal Site, in the Phase II stage of investigation. A Phase I Environmental Site Assessment was conducted at Papa Gino's in July 1992. Laboratory analysis indicated that groundwater taken from monitoring wells on the property is contaminated with volatile organic compounds (VOCs), specifically 1,1-dichloroethane, 1,2-dichloroethane, chloroform, 1,1,1-trichloroethane, trichloroethene, and tetrachloroethene. The source of the release was suspected to be imported fill material at the Site. No VOCs were detected in a groundwater sample collected at the downgradient property border during the Phase I investigation. This property is apparently upgradient of the subject Site. No additional information was obtained regarding migration of contaminants in groundwater from this property since the Phase I was completed in 1992.

**Empire Chevrolet (RTN 4-12164):** A 72-hour notification was required at Empire Chevrolet (a very small quantity generator of hazardous waste) at 245 William S. Canning Boulevard (approximately 0.15 mile northeast) as a result of a gasoline release identified during the excavation of a 1,000-gallon underground storage tank. The release was reported on May 7, 1996. Approximately 267 tons of contaminated soil were excavated and disposed of off-site. The gasoline release impacted both soil and groundwater at the site. No gasoline concentrations in excess of applicable standards were detected at the

downgradient property border. This site was closed in December of 1996 with a Class A-2 Response Action Outcome (RAO), indicating the achievement of a condition of No Significant Risk.

**Shopping Plaza (RTN 4-0000629/NFA):** A Phase I Environmental Site Assessment was conducted in 1995 at the Shopping Plaza located at 416 William S. Canning Boulevard, approximately 0.17 mile southeast of the Site. Site soil and groundwater were identified as impacted by releases of petroleum hydrocarbons and chlorinated solvents. Reportedly, none of the levels detected exceed reportable concentrations. An LSP opinion indicating the need for No Further Action (NFA) was submitted on August 2, 1995.

**Shell Service Station (RTNs 4-0001062, 4-0011592 [closed]):** This is a Tier II Disposal Site located at 33 Mariano Bishop Boulevard, approximately 0.37 mile northeast of the Site. Comprehensive response actions are in Phase V (monitoring) due to multiple releases of petroleum products that have occurred at this property. A gasoline release was identified during a UST removal on February 25, 1991. Seven tanks were removed from the property between February and March 1991. A Phase III Environmental Report (identifying remedial alternatives) was completed in October 2001. A former gasoline UST system has been removed, resulting in approximately 200 cubic yards of impacted soil. Impacted soil is limited to the area of the former USTs. An oil/water separator remains at the site, which reportedly may be continuing to impact the groundwater. Remedial alternatives selected for this site include soil removal and monitored natural attenuation in groundwater. No further information regarding the status of this project was found at MADEP.

**355 Rhode Island Avenue (RTN 4-0012883):** This property, located at 355 Rhode Island Avenue (0.42 mile northeast) was the location of a petroleum release in 1997. A Phase I report prepared for this property indicated that the site and surrounding areas formerly contained an active dump site. Dumping occurred during the 1930s to the early 1950s. Paints and other types of waste were dumped into an open pit on the southern portion of the property. A strong odor of paint was evident in soil from borings on the property. Soil is contaminated with TPH and semi-volatile organic compounds. Also, lead exceeding standards was found in the groundwater. Approximately 800 cubic yards of soil contaminated with total petroleum hydrocarbons (TPH), mineral spirits, and PAHs was removed in 1997. A Class A-3 RAO was submitted to close this site in March 1998.

**Mobil Station (RTNs 4-0001066, 4-0011706 [closed], 4-0015806 [closed]):** The Mobil Station located at 408 Rhode Island Avenue (approximately 0.39 mile northeast) is listed as a Tier II Disposal Site. Information from a Phase II completed at the site indicated that it was listed as a Location to Be Investigated in July 1991 for the release of gasoline from a LUST to groundwater. In October 1995, a 72-hour release notification was required as a result of the identification of subsurface non-aqueous phase liquid (NAPL) measured at a thickness of three inches. The incident, RTN 4-11706 was closed in February 1996. Reportedly, the source of this release was a LUST. Another 72-hour notification was required as a result of subsurface NAPL measured at seven inches thick as a result of an LUST in October 2000. The incident, RTN 4-15806 was closed in May 2001. The remaining RTN 4-0001066 is in Phase V (monitoring).

**Harbour Mall (RTN 4-0000292):** This site is located at the intersection of Route 81 and William S. Canning Boulevard. Although this property is not considered environmentally significant with respect to the subject Site, information regarding subsurface conditions in the vicinity of the Site was obtained from this file. Fly ash material was encountered during excavation at the neighboring Shaw's supermarket to the east/southeast. The ash was reportedly from the Brayton Point Power Station and was used as fill material while the Tucker Street Dump was in operation (until 1964). Using this information, and the close proximity of these two properties, VHB suspects that similar materials may be present beneath the Site. Limited information concerning the Fall River Demolition Landfill, believed to be the same landfill as the Tucker Street Dump, was obtained from the MADEP. The materials dumped in the landfill reportedly included construction and demolition waste. The landfill was formally closed in 1968, and was neither lined nor capped.

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## Adjacent Properties

According to Fall River Engineering Department records, the Shaw's supermarket, located on the adjacent property to the east, was constructed in approximately 1984. Prior to the Shaw's supermarket, the property was developed with Valle's Steak House. No information was found indicating when the restaurant was constructed. Prior to Valle's Steak House, the property was used as a portion of the Tucker Street Dump. The property across Newton Street from Shaw's was developed with an automobile repair shop prior to becoming the Brooks Pharmacy around 1995. The date of the automobile repair shop construction, and extent of operations, are not known. The commercial property located south of Amity Street, to the west of Shaw's, is believed to have been part of the former Tucker Street Dump as well. This property was developed around 1985. The property to the west across Mariano Bishop Boulevard has been developed with a bedding store since 1985. The executive summary of a Phase I Environmental Site Assessment prepared for the Papa Gino's and Bess Eaton donut shop property, located across Newton Street to the north, indicates that this area consisted of a former pond or flooded swampland that had been filled. The Site vicinity was developed generally between 1980 and 1985.

# 7

## Summary of Findings

At the request of Town Fair Tire Centers, Inc., VHB conducted an ASTM PESA of the undeveloped portion of a property located at 350 Mariano Bishop Boulevard in Fall River, Massachusetts (referred to herein as the "Site"). The PESA was conducted to identify RECs based on review of available environmental information and observations of overt evidence of a release or threat of a release of OHM at and in the vicinity of the Site. The scope of services for this PESA included: a historical review, a federal and state environmental database search, state and municipal file review, a Site reconnaissance, and interviews with people knowledgeable about the Site.

The PESA was conducted in conformance with ASTM E 1527-00 Standard Practice for Environmental Site Assessments. This PESA is subject to the terms of the Agreement between Town Fair Tire Centers, Inc. and VHB, and the Limitations included in Appendix A.

### Site Location and Description

The Site is located south of Newton Street, north of Amity Street, and east of Mariano Bishop Boulevard on the southeast outskirts of downtown Fall River. The Site consists of vacant, grassy land, and is part of a larger property (identified in municipal land records as Map C-6, Lot 23) referred to herein as the host parcel. No structures currently exist on the Site. The host parcel is developed with a commercial/retail building (housing the Tri-Med Medical Walk-In Clinic, Fall River Vision, Cote Insurance, Burns Power Tools, and Subway) and a paved parking area. The Site lies immediately to the east of the building and parking lot. The Site vicinity is primarily commercial, with some residences to the southwest. Shaw's supermarket is located on the adjacent property to the east. Newton Street extends along the northern boundary of the property. Papa Gino's restaurant and Bess Eaton donut shop are located beyond Newton Street. Amity Street parallels the southern boundary. A commercial building housing Cordoza's Wine and Spirits shop, Lucky Mart, and Super Delkin Laundromat and Dry Cleaners is located beyond Amity Street. A section of grassy land is also located across Amity Street. Mariano Bishop Boulevard is located along the western property boundary. Somma Gallery and Corner Sleep Shop are located beyond Mariano Bishop Boulevard.

## Historical Review

The host parcel has been developed with the current single-story commercial building since approximately 1980, according to Engineering Department records. No structures currently exist on the Site and no records were found to suggest that the Site was developed in the past. Personnel in the Assessor's office at City Hall stated that the property was "formerly a swamp that was used for dumping materials." The materials dumped reportedly included construction and demolition waste, according to information provided by the MADEP. A Phase I Environmental Site Assessment (ESA) conducted for the K-Mart (Harbour Mall) located across William S. Canning Boulevard (May 31, 1995) provided further information on the Site area. The ESA indicated that properties to the west of William S. Canning Boulevard (including the host parcel and Site) were used as a landfill by the City of Fall River prior to the mid-1940s. The dump, formerly known as the Tucker Street Dump, was privatized at that time. The Tucker Street Dump was in use between 1900 and 1964. The dump was neither lined nor capped. From information provided by the MADEP, VHB believes that the Tucker Street Dump and the Fall River Demolition Landfill are two names for the same landfill. The Fall River Demolition Landfill was formally closed in 1968.

The Shaw's supermarket was constructed in approximately 1984, according to Engineering Department records. Prior to the Shaw's supermarket, the property was developed with Valle's Steak House. No information was found indicating when the restaurant was constructed. Prior to Valle's Steak House, the property was used as a portion of the Tucker Street Dump. The property across Newton Street from Shaw's was developed with an automobile repair shop prior to becoming the Brooks Pharmacy around 1995. The date of the automobile repair shop construction, and extent of operations, are not known. The commercial building located south of Amity Street to the west of Shaw's is believed to have been part of the former Tucker Street Dump. This property was developed around 1985. The property to the west across Mariano Bishop Boulevard has been developed with a bedding store since 1985. The executive summary of a Phase I Environmental Site Assessment of the Papa Gino's and Bess Eaton donut shop property, located across Newton Street to the north, indicates that this area consisted of a former pond or flooded swampland that had been filled. The Site vicinity was developed generally between 1980 and 1985.

## Site Reconnaissance

The Site consists of vacant, grassy land. No structures exist on the Site. Based on visual observations, it is likely that active utilities are located on the Site. A hydrant is located on the north-central portion of the Site. Two lamp posts, associated with the neighboring Shaw's supermarket, are located on the eastern Site boundary. Litter is strewn throughout the Site. Pieces of rubber are partially buried within the Site. The host parcel is developed with a single-story building housing five commercial/retail tenants. No overt evidence of OHM was observed on exterior portions of the Site.



## Environmental Regulatory Review

Information from the review of the DataMap Technology Corporation Environmental FirstSearch™ (FirstSearch™) database report directly corresponds to the following Massachusetts Department of Environmental Protection (MADEP) file information. No information was found at the MADEP regarding the subject parcel. However, one of the occupants of the building on the property (Burns, Inc.) was listed on the environmental database as a RCRA very small quantity generator. MADEP correspondence regarding seven nearby properties is summarized below:

- **Papa Gino's**, located at 340 Mariano Bishop Boulevard, approximately 0.06 mile to the northeast of the Site, is a State Hazardous Waste site (RTN 4-0001174). A Phase I ESA indicates that this property consisted of a former pond or flooded swampland that had been filled prior to development.
- **Empire Chevrolet**, located at 245 William S. Canning Boulevard, approximately 0.15 mile northeast of the Site, is a RCRA very small quantity generator and a State Spill site (RTN 4-12164).
- **Shopping Plaza**, located at 416 William S. Canning Boulevard, approximately 0.17 mile northeast of the Site, is a State Spill site (RTN 4-0000629) no further action.
- **Shell Service Station**, located at 33 Mariano Bishop Boulevard, approximately 0.37 mile to the northeast of the Site, is a State Hazardous Waste site and State Spill site (RTNs 4-0001062 and 4-0011529[closed]).
- **Mobil Station**, located at 408 Rhode Island Avenue, approximately 0.39 mile northeast of the Site, is a State Hazardous Waste Site and a State Spill site (RTNs 4-0015806 [closed], 4-0001066, and 4-0011706 [closed]).
- **355 Rhode Island Avenue**, approximately 0.42 mile northeast of the Site, is listed as a State Spill site (RTN 4-0012883).
- **Harbour Mall**, located at the intersection of Route 81 and William S. Canning Boulevard, approximately 0.21 mile to the northeast of the Site, is a RCRA very small quantity generator and UST site. This property was also a State Hazardous Waste site (RTN 4-0000292 – no further action). A Phase I ESA conducted in 1995 referred to the Shaw's supermarket parcel adjacent to the Site, indicating the presence of fly ash on the Shaw's parcel. The fly ash was used as fill material for the Tucker Street Dump. Although this property is not considered of environmental significance to the subject Site, information regarding subsurface conditions in the vicinity was obtained from the file review.

Numerous additional environmental listings were identified on nearby and cross-gradient properties, however, these sites are not anticipated to significantly impact subsurface conditions beneath the subject property.

Limited information concerning the Fall River Demolition Landfill, believed to be the same landfill as the Tucker Street Dump, was obtained from the MADEP. The materials

dumped in the landfill include construction and demolition waste. The landfill was closed in 1968, and was neither lined nor capped.

### **Conclusions**

Based on Site history, environmental file reviews, and Site reconnaissance, VHB did not identify any direct concerns related to historic or current use, storage, and/or disposal of OHM at the Site. However, historical information obtained indicates that the Site may have been part of the former Tucker Street Dump. During the Site reconnaissance, evidence of solid waste disposal (partially buried rubber) was noted. Although this landfill was reportedly used for construction and demolition debris, this was not independently confirmed during the conduct of this assessment.

# References

- Assessor's Office, City of Fall River, file review, January 23, 2002.
- Engineering Department, City of Fall River, personal interview, January 23, 2002.
- Fire Marshal's Office, City of Fall River, January 22, 2002.
- FirstSearch™ Environmental Database Summary, New England DataMap, January 17, 2002.
- USGS 7.5 Minute Fall River, Massachusetts Quadrangle topographic map, 1985.
- Surficial Materials Map of Massachusetts, USGS, 1999.
- Bedrock Geological Map of Massachusetts, USGS, 1983.
- Massachusetts (Mass GIS) Natural Resources Mapping, 2002.
- Bristol County Registry of Deeds, file review, January 23, 2002.
- Massachusetts Department of Environmental Protection Bureau of Waste Site Cleanup Reportable Releases Look Up web page, January 18, 2002.

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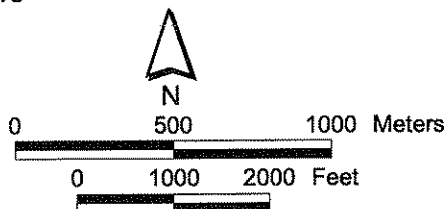
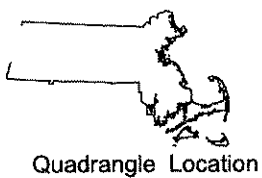
# Figures



Source: U.S.G.S Quadrangle Fall River, Mass.  
 NOTE: Contour interval = 3 meters

Vanasse Hangen Brustlin, Inc.

**Figure 1**  
**Site Location Map**  
 Town Fair Tire Centers, Inc.  
 Proposed Commercial Development  
 Fall River, Massachusetts





▲ SITE with 500 feet and 1/2 mile radii

- Potential Drinking Water Source
  - HIGH YIELD
  - MEDIUM YIELD
- Non Potential Drinking Water Source
  - HIGH YIELD
  - MEDIUM YIELD
- Lakes & Ponds
  - Water
  - Wetlands
  - Sub-basins
  - Major Basins
- Rivers & Streams

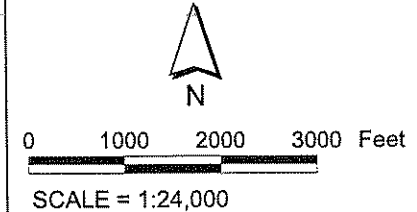
- Water Supplies
  - Ground Water
  - Surface Water
  - ◆ Non Community
- Solid Waste Sites
- Openspace
- ACECs
- Zone A
- IWPAs
- Zone IIs
- Sole Source Aquifers

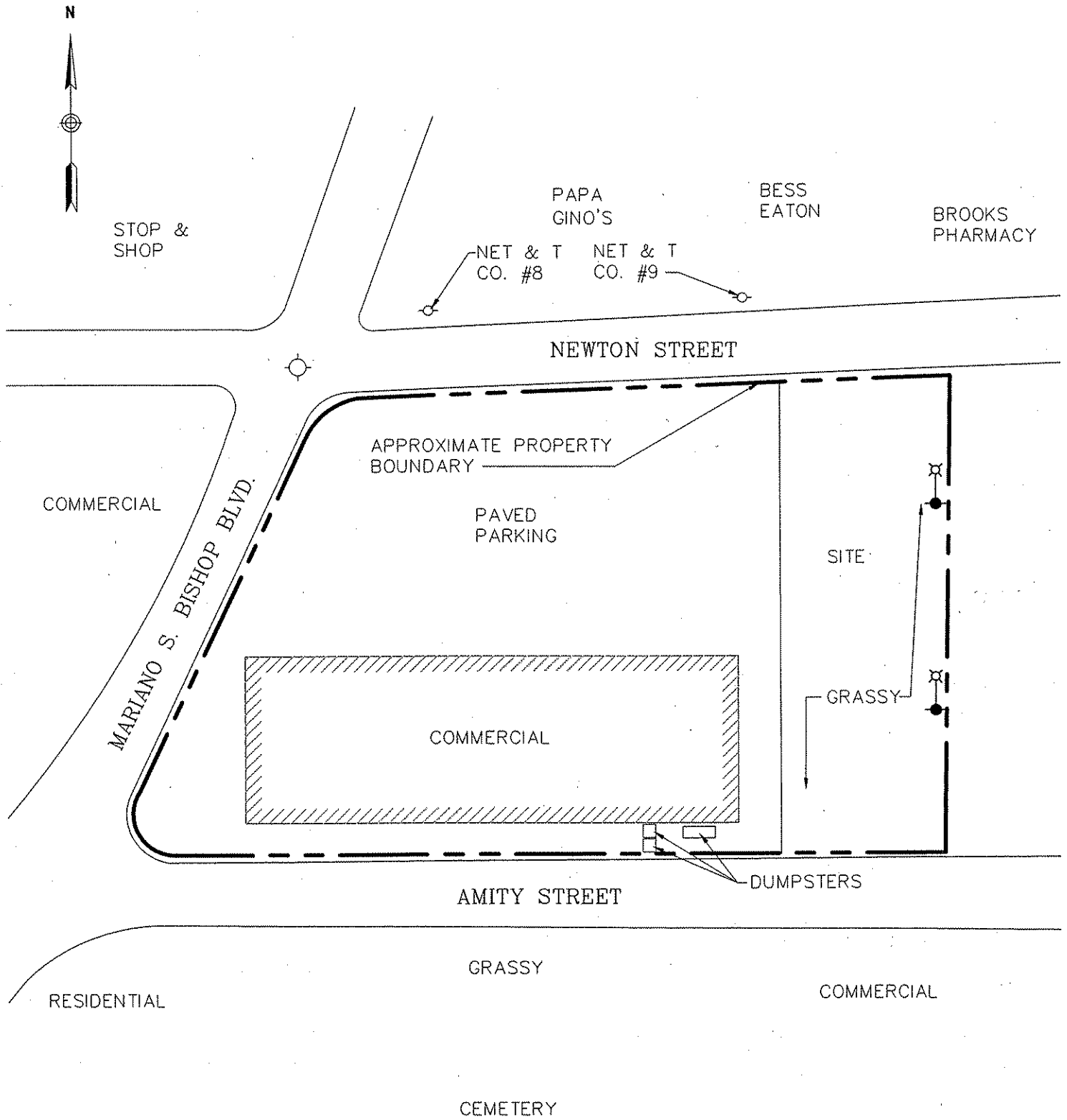
- Transmission Lines
  - Pipeline
  - Pipeline Arbitrary Extension
  - Powerline
  - Powerline Arbitrary Extension
  - Ski Lift/Tramway
  - Substation
  - Landing Strip/Airport
- MHD Roads
  - Limited Access Highway
  - Multi-lane Hwy, not limited access
  - Other Numbered Hwy
  - Major Road - Connector
  - Minor Street or Road
  - Track
  - Trail

Vanasse Hangen Brustlin, Inc.

**Figure 2**  
**Mass GIS Mapping**  
**Town Fair Tire Center, Inc.**  
**Proposed Commercial Development**  
**Fall River, Massachusetts**

DATE, 2002









SOURCE MAP  
FIELD OBSERVATION  
PROPERTY MAP

NOT TO SCALE

Vanasse Hangen Brustlin, Inc.

LEGEND

-  APPROXIMATE PROPERTY BOUNDARY
-  LAMP POST
-  UTILITY POLE
-  TRAFFIC SIGNAL

**Figure 3**  
**Site Plan**  
**Town Fair Tire Centers, Inc.**  
**Proposed Commercial Development**  
**Fall River, Massachusetts**

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# Appendix A Limitations



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**Proposed Commercial Development****350 Mariano Bishop Boulevard****Fall River, Massachusetts**

- This report has been prepared for the sole and exclusive use of CVS Realty Corporation (the Client). It is subject to and issued in connection with the Agreement and the provisions thereof. Any use or reliance upon information provided in this report, without the specific written authorization of the Client and VHB, shall be at the User's sole risk.
- In conducting this assessment, VHB has obtained and relied upon information from multiple sources to form certain conclusions regarding potential environmental issues at and in the vicinity of the subject property. Except as otherwise noted, no attempt has been made to verify the accuracy or completeness of such information.
- The objectives of the assessment described in this report were to assess the physical characteristics of the subject property with respect to overt evidence of past or present use, storage, and/or disposal of oil or hazardous materials, as defined in applicable state and federal environmental laws and regulations, and to gather information regarding current and past operations and environmental conditions at and in the vicinity of the subject property.
- No attempt has been made to assess the compliance status of any past or present Owner or Operator of the Site with any federal, state, or local laws or regulations.
- The findings, observations, and conclusions presented in this report are limited by the scope of services outlined in our Agreement, which reflects schedule and budgetary constraints imposed by the Client for the current phase of environmental assessment. Furthermore, the assessment has been performed in accordance with generally accepted engineering practices and standards set forth in ASTM E 1527-00. No other warranty, expressed or implied, is made.
- The assessment presented in this report is based solely upon information gathered to date. Should further environmental or other relevant

information be developed at a later date, Client should bring the information to the attention of VHB as soon as possible. Based upon an evaluation, VHB may modify the report and its conclusions.

- The Environmental Data Resources (EDR), Inc. Database Search was conducted under the Notice of Disclaimer/Waiver of Liability included in the summary report.

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# Appendix B

## Municipal Review Documentation

**MAP** C-06 0023 **LOT** 1 **STREET NO.** MARIANO S BISHOP **LOCATION** 2-67 AC

**STREET CODE** MAR25 **LOT SIZE** 0116480 **CLASS** 1 **ZONING** BL **MAP** C006 **ROUTING NUMBER** 211 **CARD NUMBER** 1 OF 2 **PROPERTY CLASS** 312.5

**DEED REFERENCE** 5/31/78  
01224-0085  
\$31,000.00

INSPECTION WITNESSED BY  
*Dianne Carter*

BUYER	3	FEE	1	2	3	4	1	2
SELLER	2	AGENT	1	2	3	4	1	2
DATE	MO	DAY	YEAR	PCLS	LAND ONLY YES NO	SELLING PRICE	VALIDITY YES NO	YES NO
Permit	106	2/18/99			1 2		1 2	1 2
Rep'l	Si.G.N	\$3040			1 2		1 2	1 2
					1 2		1 2	1 2

*MD. office 640082 1300/4 STRIP PLAZA 156184 @ 1988 5/12.6*

1	1	2	3	4
1	2	3	4	
1 FRONT LOT				
2 REAR LOT				
1 PRIMARY SITE				
2 SECONDARY SITE				
3 RESIDUAL				
4 UNDEVELOPED				
5 TILLABLE				
6 ORCHARD				
7 PASTURE				
8 WOODLAND				
9 WASTELAND				
0 R.O.W.				
SUB-TOTAL				
HOMESITE				
TOTAL				
1 SITE VALUE				
2 DETAILED REPORT				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				

PROPERTY ASSESSMENT RECORD - CITY OF FALL RIVER, MASS. 1982 REVALUATION  
 NUMBER OF LAND ENTRIES 02  
 TOTAL ESTIMATED TRUE LAND VALUE 13,300

STRIP - NEWTON PARK  
 100A

BUILDING RECORD

OCCUPANCY		HEATING		COMPUTATIONS		SKETCH	
B	1	2	3	UNIT	HEI	AREA	SF (LEASE)
1	1	1	1	SECIPGIM	BARTL-S-L	15000	8300
1	1	1	1	AREA	15000	6400	1000
1	1	1	1	HEIGHT	14	12	800
1	1	1	1	PERIMETER	500	300	1000
1	1	1	1	BSMT.			800
1	1	1	1	FIRST	A-15618	12-6400	9500
1	1	1	1	SECOND			1000
1	1	1	1	THIRD			3700
1	1	1	1	TOILET ROOM			3700
1	1	1	1	WATER CLOSET			
1	1	1	1	LAVATORY			
1	1	1	1	SINK			
1	1	1	1	URINAL			
1	1	1	1	STALL SHOWER			
1	1	1	1	BRADLEY			
1	1	1	1	INTERIOR FINISH			
1	1	1	1	PLASTER			
1	1	1	1	DRYWALL			
1	1	1	1	PANEL			
1	1	1	1	CONC. BLOCK			
1	1	1	1	BRICK ON BRICK			
1	1	1	1	BRICK VENEER			
1	1	1	1	STUCCO			
1	1	1	1	WD. SID./SHING.			
1	1	1	1	CEIL.-SUSP.			
1	1	1	1	TILE			
1	1	1	1	UNFIN.			
1	1	1	1	FRAMING			
1	1	1	1	STL. WOOD. BMS.			
1	1	1	1	" " OC			
1	1	1	1	STL. WOOD. COLS.			
1	1	1	1	" " OC			
1	1	1	1	BAYS			
1	1	1	1	STL. TRUSS			
1	1	1	1	BAR JOISTS			
1	1	1	1	OTHER FEATURES			
1	1	1	1	SPRINK. VETIDRY			
1	1	1	1	ELEV. - STOPS			
1	1	1	1	FRT. PASS.			
1	1	1	1	CAP.			
1	1	1	1	BANK FEATURES			
1	1	1	1	TILE			
1	1	1	1	ASPH.			
1	1	1	1	CERM.			
1	1	1	1	QUARRY B&C			
1	1	1	1	BRAZO			
1	1	1	1	WIRING			
1	1	1	1	LIGHTING			

SUMMARY OF BUILDINGS

OCCUPANCY	AREA	AGE	RATE	COND.	REPL. VAL.	PHYS. DEPR.	PHYS. VAL.	OBSOL. DEPR.	SOUND VAL.
STIC. P. 1234	15000	1970		AV		20			
15 MET	6400	1981		AV		15			
ASPHALT	26000			AV	53000	70	5K		17600
STL. TRUSS	12000			AV		3			
BRICK	10000			AV					
TOTAL									

NOTES

OBSOLESCENCE
STRUCTURAL
SURPLUS CAPACITY
OVERBUILT
ECONOMIC
TOPOGRAPHY
LOCATION

AVG. GRADE  
 CONDO  
 MEDICAL OFFICES

Bldg. #1  
 F.R. Vision Ctr

MEDICAL WALK-IN

SKETCH SF (LEASE)

C-A Bldg #1  
 Joe's Family Rest.

B Compliance HAN  
 Subway

D 724-Med Stge

E Burns Bldg  
 Tools

F Data Trns

open store  
 1200 sq ft  
 1200 sq ft

3700

3700

DATE LISTED 10/77

LISTED MEAS.

PRICED

REVD

CHECKED

TOTAL VALUE BUILDINGS

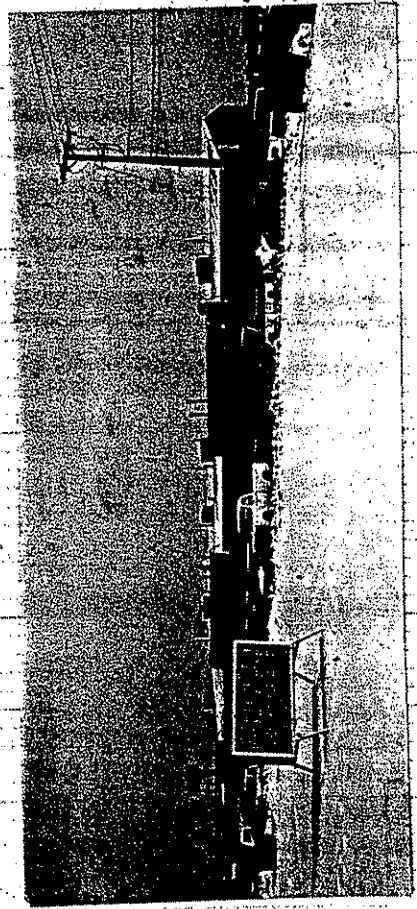
342 242  
QUARRY  
CEM  
ERRAZO

2 OF 2  
CARD NUMBER

C6 23

PARCEL I.D.

SCALE 1" = 40'



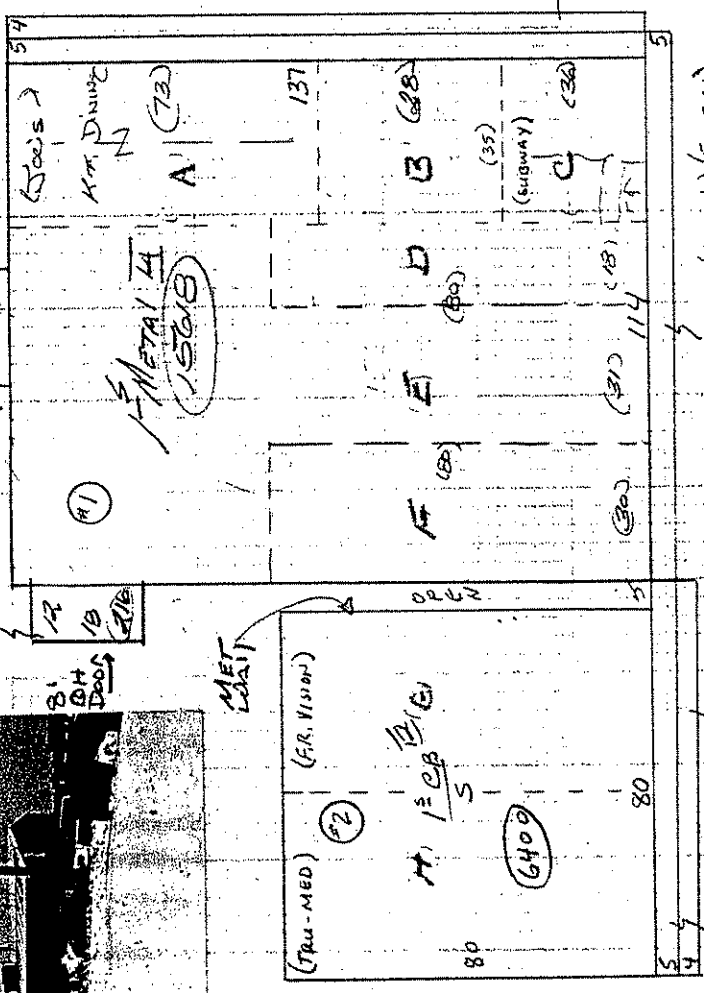
NEWTON  
MARK

PERMIT #AAG 6/1/99  
ALTER SIGN #3000

TRAMPOLINE  
CONC WALK

CONC RAMP  
10' =  
24' =

CONC. DR. E  
12  
8'  
6"  
DOOR



CONC. WALK (9x137)  
1233  
67  
107

M. S. BISHOP  
BLVD

NEWTON ST

CONC WALK (1280)  
ENPY (TOTAL) (5x256)  
192  
192

CONC WALK (9x80)  
720  
36  
76

CONC WALK (5x80)  
400  
10  
10

SEE DECISION BK. 2091 PG 99

BOOK 1224 PAGE 85

PLAZA OF FALL RIVER, INC.,

a corporation duly established under the laws of the Commonwealth of Massachusetts

and having its usual place of business at New Bedford  
Bristol County, Massachusetts, for consideration paid,\*

grant to Raymond Biszko and Raymond J. Biszko as joint tenants

of 5 Mill Street, Tiverton, Rhode Island 02878 with warranty covenants

the land in Fall River, said County and Commonwealth, with the buildings thereon, bounded and described as follows:

(Description and encumbrances, if any)

BEGINNING at the northwest corner of the land herein conveyed at a point formed by the intersection of the southerly line of Newton Street with the southeasterly line of Mariano S. Bishop Boulevard; thence,

EASTERLY in line of said Newton Street, three hundred ten and 96/100 (310.96) feet to land now or formerly of Jose DeArruda; thence,

SOUTHERLY in line of last-named land, three hundred and 90/100 (300.90) feet to a stake in the northerly line of Amity Street; thence,

WESTERLY in said northerly line of Amity Street, four hundred fifty-four and 19/100 (454.19) feet to a point at the intersection of said Amity Street with said Mariano S. Bishop Boulevard; thence,

In the arc of a circle bearing right having a radius of twenty (20) feet, forty-three and 77/100 (43.77) feet to a point in the said southeasterly line of Mariano S. Bishop Boulevard; and thence,

NORTHEASTERLY in said southeasterly line of Mariano S. Bishop Boulevard, by the arc of a circle having a radius of one thousand eight hundred ten (1,810) feet, a distance of three hundred eleven (311) feet, more or less.

CONTAINING 116,480 square feet, more or less.

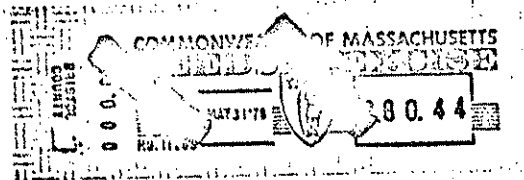
For title in the grantor, see deed dated August 3, 1973, and recorded in the Bristol County Registry of Deeds (Fall River District) in Book 1080, Pages 250-251.

\*The consideration for the within transfer is the assumption by the grantee of an outstanding mortgage held by the New Bedford Institution for Savings which has an outstanding balance thereon in the sum of One Hundred Eighty-Seven Thousand Nine Hundred Fifty-Two and 58/100 (\$187,952.58) Dollars which the grantee herein assumes and agrees to pay, and the payment of One Hundred Twenty-Two Thousand Forty-Seven and 42/100 Dollars (\$122,047.42).

For purposes of this transfer, the land is considered to be valued at One Hundred Ten Thousand Dollars (\$110,000.00) and the building and improvements are considered to be valued at Two Hundred Thousand Dollars (\$200,000.00).

In witness whereof, the said PLAZA OF FALL RIVER, INC.

has caused its corporate seal to be hereto affixed and these presents to be signed, acknowledged and delivered in its name and behalf by Louis J. Kalife and John J. Kalife, respectively its President and Treasurer/ hereto duly authorized, this thirty-first day of May in the year one thousand nine hundred and seventy-eight.



PLAZA OF FALL RIVER, INC.  
by *Louis J. Kalife*  
President  
*John J. Kalife*  
Treasurer

The Commonwealth of Massachusetts

Bristol, ss. New Bedford May 31, 1978

Then personally appeared the above named Louis J. Kalife, President and John J. Kalife, Treasurer and acknowledged the foregoing instrument to be the free act and deed of the Plaza of Fall River, Inc.

before me,

*Sheldon [Signature]*  
Notary Public

My commission expires November 6, 1981

Rec'd MAY 31 1978 AT 12:15 PM AND RECORDED



# Appendix C

## Environmental Database Summary Report

# *FirstSearch Technology Corporation*

## **Environmental FirstSearch™ Report**

TARGET PROPERTY:

**350 MARIANO BISHOP BLVD**

**FALL RIVER MA 02721**

Job Number: 40567

**PREPARED FOR:**

Vanasse Hangen Brustlin, Inc.

54 Tuttle Place

Middletown, CT 06457

01-24-02

Environmental  
**FIRSTSEARCH**



*Tel: (781) 320-3720*

*Fax: (781) 320-3715*

**Environmental FirstSearch  
Search Summary Report**

**Target Site:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**FirstSearch Summary**

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2 >	ZIP	TOTALS
NPL	Y	11-13-01	1.00	0	0	0	0	0	0	0
CERCLIS	Y	11-13-01	0.50	0	0	0	0	-	0	0
RCRA TSD	Y	11-25-01	0.50	0	0	0	0	-	0	0
RCRA COR	Y	11-25-01	1.00	0	0	0	0	0	0	0
RCRA GEN	Y	11-25-01	0.25	0	1	5	-	-	0	6
ERNS	Y	01-06-00	0.25	0	0	0	-	-	3	3
State Sites	Y	08-01-01	1.00	0	1	0	4	16	0	21
Spills-1990	Y	05-10-01	0.50	0	2	5	17	-	20	44
SWL	Y	06-01-01	0.50	0	0	1	0	-	1	2
REG UST/AST	Y	01-18-02	0.25	0	1	4	-	-	0	5
Receptors	Y	01-01-95	0.50	0	0	0	1	-	0	1
- TOTALS -				0	5	15	22	16	24	82

**Notice of Disclaimer**

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

**Waiver of Liability**

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

**Environmental FirstSearch  
Site Information Report**

**Request Date:** 01-24-02  
**Requestor Name:** Jennifer Schonvisky  
**Standard:** ASTM

**Search Type:** COORD  
**Job Number:** 40567

**Target Address:** 350 MARIANO BISHOP BLVD  
 FALL RIVER MA 02721

*Demographics*

<b>Sites:</b> 82	<b>Non-Geocoded:</b> 24	<b>Population:</b> 3532
<b>Radon:</b> 1.6 - 8.4 PCIL		

*Site Location*

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
<b>Longitude:</b>	-71.163559	-71:9:49	<b>Easting:</b>	319893.358
<b>Latitude:</b>	41.672483	41:40:21	<b>Northing:</b>	4615461.882
			<b>Zone:</b>	19

*Comment*

<b>Comment:</b>
-----------------

*Additional Requests/Services*

<b>Adjacent ZIP Codes: 1.00 Mile(s)</b>					<b>Services:</b>																																								
<table border="1"> <thead> <tr> <th>ZIP Code</th> <th>City Name</th> <th>ST</th> <th>Dist/Dir</th> <th>Sel</th> </tr> </thead> <tbody> <tr> <td>02724</td> <td>FALL RIVER</td> <td>MA</td> <td>0.21 NW</td> <td>Y</td> </tr> <tr> <td>02878</td> <td>TIVERTON</td> <td>RI</td> <td>0.45 SW</td> <td>N</td> </tr> </tbody> </table>					ZIP Code	City Name	ST	Dist/Dir	Sel	02724	FALL RIVER	MA	0.21 NW	Y	02878	TIVERTON	RI	0.45 SW	N	<table border="1"> <thead> <tr> <th></th> <th><u>Requested?</u></th> <th><u>Date</u></th> </tr> </thead> <tbody> <tr> <td>Sanborns</td> <td>N</td> <td></td> </tr> <tr> <td>Aerial Photographs</td> <td>N</td> <td></td> </tr> <tr> <td>Topo Maps (hardcopy)</td> <td>N</td> <td></td> </tr> <tr> <td>City Directories</td> <td>N</td> <td></td> </tr> <tr> <td>Title Search</td> <td>N</td> <td></td> </tr> <tr> <td>Municipal Reports</td> <td>N</td> <td></td> </tr> <tr> <td>Online Topo Map</td> <td>N</td> <td></td> </tr> </tbody> </table>			<u>Requested?</u>	<u>Date</u>	Sanborns	N		Aerial Photographs	N		Topo Maps (hardcopy)	N		City Directories	N		Title Search	N		Municipal Reports	N		Online Topo Map	N	
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## Environmental FirstSearch Sites Summary Report

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**TOTAL:** 82      **GEOCODED:** 58      **NON GEOCODED:** 24      **SELECTED:** 58

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
1	RCRAGN	BARBOZAS AUTO WORLD INC MAD099426850/SGN	292 WLM S CANNING BLVD FALL RIVER MA 02721	0.16 NE	1
2	RCRAGN	BROOKS 881 MAR000016428/SGN	457 WILLIAM S CANNING BLVD FALL RIVER MA 02721	0.13 NE	2
3	RCRAGN	BROOKS PHARMACY 881 MAR000501916/SGN	323 WILLIAM S CANNING BLVD FALL RIVER MA 02721	0.13 NE	3
4	RCRAGN	BURNS INC MAD019348697/VGN	350 MARAINO S BISHOP BLVD FALL RIVER MA 02721	0.07 NW	4
5	RCRAGN	EMPIRE CHEVROLET INC MAD019350552/VGN	245 WILLIAM S CANNING BLVD FALL RIVER MA 02721	0.15 NE	5
6	RCRAGN	KMART STORE MAD985275221/VGN	RTE 81 & 24 CANNING BLVD FALL RIVER MA 02721	0.21 NE	6
7	STATE	ARGUS REALTY LIMITED PARTNERSHIP 4-0014540/TIER 1C	109 HOWE ST FALL RIVER MA 02724	0.83 NW	7
8	STATE	BETWEEN NEPTUNE AND CAROLINE 4-0010429/RAO	254 CAROLINE ST FALL RIVER MA 02721	0.52 SE	8
9	STATE	F.R. WEBBING MILLS/FMR 4-0001279/RAO	272 CAROLINE ST. FALL RIVER MA 02721	0.47 SE	9
10	STATE	GAS STATION 4-0015806/PRECLASSIFIED	408 RHODE ISLAND AVE FALL RIVER MA 02721	0.39 NE	10
11	STATE	GETTY SERVICE STATION/FMR 4-0000786/TIER 2	2291 SOUTH MAIN ST FALL RIVER MA 02724	0.94 NW	11
12	STATE	JEFFERSON PARCEL FMR 4-0015253/TIER 2	994 JEFFERSON ST FALL RIVER MA 02721	0.77 NE	12
13	STATE	MOBIL STATION 4-0014702/TIER 2	2322 SOUTH MAIN ST FALL RIVER MA 02724	0.91 NW	13
14	STATE	MOBIL STATION #01-240 4-0001066/TIER 2	408 RHODE ISLAND AVE. FALL RIVER MA 02724	0.39 NE	10
15	STATE	MONTAUP ELECTRIC 4-0015297/TIER 2	994 JEFFERSON ST FALL RIVER MA 02721	0.77 NE	12
16	STATE	NO LOCATION AID 4-0011375/TIER 1B	109 HOWE ST FALL RIVER MA 02724	0.83 NW	7
17	STATE	NO LOCATION AID 4-0013573/TIER 2	109 HOWE ST FALL RIVER MA 02724	0.83 NW	7
18	STATE	PAPA GINOS 4-0001174/TIER 2	340 BISHOP MARIANNO BLVD FALL RIVER MA 02721	0.06 NE	14
19	STATE	REFLEK CORP 4-0015886/PRECLASSIFIED	109 HOWE ST FALL RIVER MA 02724	0.83 NW	7
20	STATE	RICHIES AUTOMOTIVE 4-0010491/DEF TIER 1B	182 STAFFORD RD FALL RIVER MA 02721	0.98 NE	15

## Environmental FirstSearch Sites Summary Report

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**TOTAL:** 82      **GEOCODED:** 58      **NON GEOCODED:** 24      **SELECTED:** 58

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
21	STATE	SHELL SERVICE STATION 4-0001062/TIER 2	33 MARIANNO BISHOP BLVD FALL RIVER MA 02721	0.37 NE	16
22	STATE	SHELL SERVICE STATION/FMR 4-0000795/TIER 2	19 LAUREL ST. FALL RIVER MA 02724	0.71 NW	17
23	STATE	STAFFORD RD 4-0015277/PRECLASSIFIED	CHICAGO ST FALL RIVER MA 02721	0.64 NE	18
24	STATE	SUNOCO SERVICE STATION 4-0000564/TIER 2	2322 S MAIN ST FALL RIVER MA 02724	0.91 NW	13
25	STATE	TILLY REALTY ASSOCIATES PROPERTY 4-0015731/PRECLASSIFIED	358 KILBURN ST FALL RIVER MA 02724	0.79 NW	19
26	STATE	TILLY REALTY BLDG 2 4-0015725/PRECLASSIFIED	358 KILBURN ST FALL RIVER MA 02724	0.79 NW	19
27	STATE	TILLY REALTY BLDG 2 4-0015730/PRECLASSIFIED	358 KILBURN ST FALL RIVER MA 02724	0.79 NW	19
28	SPILLS	BARBOZA AUTO WORLD 4-0011187/RAO	292 WILLIAM CANNING BLVD FALL RIVER MA 02721	0.16 NE	1
29	SPILLS	F.R. WEBBING MILLS/FMR 4-0001279/RAO	272 CAROLINE ST. FALL RIVER MA	0.49 SE	20
30	SPILLS	GAS STATION 4-0015806/RTN CLOSED	408 RHODE ISLAND AVE FALL RIVER MA 02724	0.39 NE	10
31	SPILLS	HARBOUR MALL 4-0000292/NFA	WILLIAM CANNING BLVD FALL RIVER MA 02721	0.21 NE	6
32	SPILLS	MOBIL OIL STA S93-0414	408 RHODE ISLAND ST FALL RIVER MA 02724	0.39 NE	10
33	SPILLS	MOBIL SERV STATION S91-0297	408 RHODE ISLAND AVE FALL RIVER MA 02724	0.39 NE	10
34	SPILLS	MOBIL STATION #01-240 S93-0132	408 RHODE ISLAND RD FALL RIVER MA 02721	0.39 NE	10
35	SPILLS	MOBIL STATION #01-240 4-0001066/TIER 2	408 RHODE ISLAND AVE. FALL RIVER MA	0.40 NE	21
36	SPILLS	MOBIL STN 01-240 FMR 4-0011706/RTN CLOSED	408 RHODE ISLAND AVE FALL RIVER MA 02724	0.39 NE	10
37	SPILLS	NO LOCATION AID 4-0012164/RAO	245 WILLIAM CANNING BLVD FALL RIVER MA 02721	0.15 NE	5
38	SPILLS	NO LOCATION AID 4-0012883/RAO	355 RHODE ISLAND AVE FALL RIVER MA 02724	0.42 NE	22
39	SPILLS	PAPA GINOS 4-0001174/TIER 2	340 BISHOP MARIANNO BLVD FALL RIVER MA	0.06 NE	14
40	SPILLS	PROPERTY S92-0921	CAROLINE/NAPOLEAN STS FALL RIVER MA 02721	0.45 SE	23

**Environmental FirstSearch  
Sites Summary Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**TOTAL:** 82      **GEOCODED:** 58      **NON GEOCODED:** 24      **SELECTED:** 58

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
41	SPILLS	PROPERTY S92-0936	272 CAROLINA ST FALL RIVER MA 02721	0.47 SE	9
42	SPILLS	PROPERTY S92-0593	NAPOLEON BLVD FALL RIVER MA 02721	0.50 SE	24
43	SPILLS	ROADWAY S90-0669	RHODE ISLAND & TUCKER RDS FALL RIVER MA 02721	0.37 NE	25
44	SPILLS	SERVICE STATION S92-0412	408 RHODE ISLAND AVE FALL RIVER MA 02724	0.39 NE	10
45	SPILLS	SHELL SERV STATION S91-0106	33 BISHOP & TUCKER STS FALL RIVER MA 02721	0.37 NE	16
46	SPILLS	SHELL SERVICE STATION 4-0001062/TIER 2	33 MARIANNO BISHOP BLVD FALL_RIVER MA	0.38 NE	26
47	SPILLS	SHOPING PLAZA 4-0000629/NFA	416 WILLAM S CANNING BLVD FALL RIVER MA 02721	0.17 SE	27
48	SPILLS	STOP AND SHOP NO 403 4-0013455/RAO	333 MARIANO BISHOP BLVD FALL RIVER MA 02721	0.09 NW	28
49	SPILLS	SULLIVAN TIRE CO S90-0142	210 TUCKER ST FALL RIVER MA 02721	0.40 NE	29
50	SPILLS	TEXACO 4-0012838/RAO	130 CHANNING BLVD FALL RIVER MA	0.21 NE	30
51	SPILLS	TUCKER ST 4-0011592/RTN CLOSED	33 MARIANO BISHOP BLVD FALL RIVER MA 02721	0.37 NE	16
52	SWL	FALL RIVER DEMOLITION LANDFILL DL0095.001/INACTIVE	LAUREL/MESSON STS FALL RIVER MA	0.24 NW	31
53	UST	EMPIRE CHEVROLET INC 0-003192	245 WILLIAM S CANNING BLVD FALL RIVER MA 02721	0.15 NE	5
54	UST	KMART #3401 0-003183	ROUTE 81 FALL RIVER MA 02721	0.21 NE	6
55	UST	STOP & SHOP SUPERMARKET #403 0-022080	333 MARIANO S BISHOP BLVD FALL RIVER MA 02720	0.09 NW	28
56	UST	TEXACO SERVICE LOC #11-143-0120 0-003235	CANNING BLVD & LAWTON ST FALL RIVER MA 02721	0.21 NE	30
57	UST	ZAYRE DEPT STORE #122 0-003181	181 MARIANO S BISHOP BLVD FALL RIVER MA 02721	0.13 NW	32
58	SCHOOL	LORD JUNIOR HIGH SCHOOL 561	MA	0.44 NE	33

## Environmental FirstSearch Sites Summary Report

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

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ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
59	ERNS	JEFF S AUTOBODY P50564/FIX FAC	103 SCHVENSON ST FALL RIVER MA	NON GC	
60	ERNS	D21410/HIGHWAY	FALL RIVER MA	NON GC	
61	ERNS	279595/HIGHWAY RELATED	RT 138 NEAR THE CAR DEALERSHIP FALL RIVER MA	NON GC	
62	SPILLS	AT MAIN ST OVERPASS 4-0015007/RAO	RTE 79 SOUTH FALL RIVER MA	NON GC	
63	SPILLS	BEHIND DANGELOS 4-0015194/RAO	WORDELL ST FALL RIVER MA 02721	NON GC	
64	SPILLS	DRUM DUMPING S90-0851	GLASGOW ST FALL RIVER MA 02721	NON GC	
65	SPILLS	GOLD SEAL INC S90-0854	RODMAN ST FALL RIVER MA 02721	NON GC	
66	SPILLS	MILE MARKER 436 4-0011436/RAO	RTE 195 EAST FALL RIVER MA 02721	NON GC	
67	SPILLS	NEAR EASTERN AVE OVERPASS 4-0015746/RAO	I 195 EASTBOUND FALL RIVER MA	NON GC	
68	SPILLS	NEWPORT RI WWTP S92-0716	FALL RIVER MA	NON GC	
69	SPILLS	NO LOCATION AID 4-0014583/DEF TIER 1B	RTE 195 EAST FALL RIVER MA	NON GC	
70	SPILLS	PROPERTY S93-0386	FALL RIVER MA	NON GC	
71	SPILLS	PROPERTY S91-0542	PLYMOUTH AVE FALL RIVER MA 02721	NON GC	
72	SPILLS	PROPERTY S90-0750	RODMAN ST FALL RIVER MA 02721	NON GC	
73	SPILLS	PROPERTY S92-0499	STATE PIER FALL RIVER MA	NON GC	
74	SPILLS	ROADWAY S90-0534	FIFTH ST FALL RIVER MA 02721	NON GC	
75	SPILLS	ROADWAY SPILL 4-0013010/RAO	COPICUT RD FALL RIVER MA	NON GC	
76	SPILLS	TRANSFORMER S91-0888	EAST LINE TRAIL FALL RIVER MA	NON GC	
77	SPILLS	TRANSFORMER - POLE #1 S91-0366	COLUMBIA ST FALL RIVER MA 02721	NON GC	
78	SPILLS	HYDRAULIC OIL SPILL S91-0043	SLADE ST FALL RIVER MA 02724	NON GC	



**Environmental FirstSearch  
Sites Summary Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**TOTAL:** 82      **GEOCODED:** 58      **NON GEOCODED:** 24      **SELECTED:** 58

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
79	SPILLS	JT AUTO SALVAGE 4-0014929/ADREG	35 HOWLAND ST FALL RIVER MA 02724	NON GC	
80	SPILLS	PROPERTY S93-0516	INT GLOBE & DWELLYS ST FALL RIVER MA 02724	NON GC	
81	SPILLS	WEST OF BAY ST 4-0014919/DEF TIER 1B	BIRCH ST FALL RIVER MA 02724	NON GC	
82	SWL	FALL RIVER LANDFILL SL0095.004/INACTIVE	ORCHARD ST FALL RIVER MA	NON GC	

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

RCRA GENERATOR SITE

**SEARCH ID:** 1

**DIST/DIR:** 0.16 NE

**MAP ID:** 1

**NAME:** BARBOZAS AUTO WORLD INC  
**ADDRESS:** 292 WLM S CANNING BLVD  
FALL RIVER MA 02721

**REV:** 11/25/01  
**ID1:** MAD099426850  
**ID2:**  
**STATUS:** SGN  
**PHONE:** 5086745791

**CONTACT:** OSCAR TOUPIN

SITE INFORMATION

**CONTACT INFORMATION:** OSCAR TOUPIN  
DONALD  
292 WLM S CANNING BLVD  
FALL RIVER MA 02721

**PHONE:** 5086745791

UNIVERSE NAME:

SGN: GENERATES 100 - 1000 KG/MONTH OF HAZARDOUS WASTE

SIC INFORMATION:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**RCRA GENERATOR SITE**

**SEARCH ID:** 2

**DIST/DIR:** 0.13 NE

**MAP ID:** 2

**NAME:** BROOKS 881  
**ADDRESS:** 457 WILLIAM S CANNING BLVD  
FALL RIVER MA 02721

**REV:** 4/19/01  
**ID1:** MAR000016428  
**ID2:**  
**STATUS:** SGN  
**PHONE:** 4018253756

**CONTACT:** PATRICK ROSS

**SITE INFORMATION**

**CONTACT INFORMATION:** PATRICK ROSS  
RISK MGR  
50 SERVICE AVE  
WARWICK RI 02886

**PHONE:** 4018253756

**UNIVERSE NAME:**

SGN: GENERATES 100 - 1000 KG/MONTH OF HAZARDOUS WASTE

**SIC INFORMATION:**

**ENFORCEMENT INFORMATION:**

**VIOLATION INFORMATION:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**RCRA GENERATOR SITE**

**SEARCH ID:** 3

**DIST/DIR:** 0.13 NE

**MAP ID:** 3

**NAME:** BROOKS PHARMACY 881  
**ADDRESS:** 323 WILLIAM S CANNING BLVD  
FALL RIVER MA 02721  
BRISTOL  
**CONTACT:** PATRICK ROSS

**REV:** 11/25/01  
**ID1:** MAR000501916  
**ID2:**  
**STATUS:** SGN  
**PHONE:** 4018253756

**SITE INFORMATION**

**CONTACT INFORMATION:** PATRICK ROSS  
RISK MANAGER  
50 SERVICE AVE  
WARWICK RI 02886

**PHONE:** 4018253756

**UNIVERSE NAME:**

SGN: GENERATES 100 - 1000 KG/MONTH OF HAZARDOUS WASTE

**SIC INFORMATION:**

5912 - RETAIL TRADE - DRUGSTORES AND PROPRIETARY STORES

**ENFORCEMENT INFORMATION:**

**VIOLATION INFORMATION:**

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

RCRA GENERATOR SITE

**SEARCH ID:** 4

**DIST/DIR:** 0.07 NW

**MAP ID:** 4

**NAME:** BURNS INC  
**ADDRESS:** 350 MARAINO S BISHOP BLVD  
FALL RIVER MA 02721

**REV:** 11/25/01  
**ID1:** MAD019348697  
**ID2:**  
**STATUS:** VGN  
**PHONE:** 5086750381

**CONTACT:** RICHARD FURTANO

SITE INFORMATION

**CONTACT INFORMATION:** RICHARD FURTANO  
SER MGR  
350 MARIANO S BISHOP BLVD  
FALL RIVER MA 02721

**PHONE:** 5086750381

UNIVERSE NAME:

VGN: GENERATES LESS THAN 100 KG/MONTH OF HAZARDOUS WASTE

SIC INFORMATION:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

RCRA GENERATOR SITE

**SEARCH ID:** 5

**DIST/DIR:** 0.15 NE

**MAP ID:** 5

**NAME:** EMPIRE CHEVROLET INC  
**ADDRESS:** 245 WILLIAM S CANNING BLVD  
FALL RIVER MA 02721

**REV:** 11/25/01  
**ID1:** MAD019350552  
**ID2:**  
**STATUS:** VGN  
**PHONE:** 5086788395

**CONTACT:** BERT DEMEULE

SITE INFORMATION

**CONTACT INFORMATION:** BERT DEMEULE  
BODY SHOP  
245 WILLIAM S CANNING BLVD  
FALL RIVER MA 02721

**PHONE:** 5086788395

UNIVERSE NAME:

VGN: GENERATES LESS THAN 100 KG/MONTH OF HAZARDOUS WASTE

SIC INFORMATION:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

# *Environmental FirstSearch Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

## RCRA GENERATOR SITE

**SEARCH ID:** 6                              **DIST/DIR:** 0.21 NE                              **MAP ID:** 6

**NAME:** KMART STORE  
**ADDRESS:** RTE 81 & 24 CANNING BLVD  
FALL RIVER MA 02721

**REV:** 11/25/01  
**ID1:** MAD985275221  
**ID2:**  
**STATUS:** VGN  
**PHONE:** 6176792111

**CONTACT:** R-W OSBORNE

### SITE INFORMATION

**CONTACT INFORMATION:** R-W OSBORNE  
MGR  
RTE 81 & 24 CANNING BLVD  
FALL RIVER MA 02721

**PHONE:** 6176792111

### UNIVERSE NAME:

VGN: GENERATES LESS THAN 100 KG/MONTH OF HAZARDOUS WASTE

### SIC INFORMATION:

### ENFORCEMENT INFORMATION:

### VIOLATION INFORMATION:

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE		
<b>SEARCH ID:</b> 7	<b>DIST/DIR:</b> 0.83 NW	<b>MAP ID:</b> 7
<b>NAME:</b> ARGUS REALTY LIMITED PARTNERSHIP	<b>REV:</b> 8/1/01	
<b>ADDRESS:</b> 109 HOWE ST FALL_RIVER MA	<b>ID1:</b> 4-0014540	
	<b>ID2:</b>	
<b>CONTACT:</b>	<b>STATUS:</b> TIER 1C	
	<b>PHONE:</b>	
 <u><b>SITE INFORMATION</b></u>		
<b>CATEGORY:</b> TWO HR	<b>21E STATUS:</b> TIER 1C	
<b>DATE:</b> 2/16/99	<b>21E DATE:</b> 6/21/00	
<b>PHASE:</b> PHASE II	<b>HAZMAT TYPE:</b> HAZARDOUS MATERIAL	
<b>RAO CLASS:</b>		
 <b>LOCATION TYPE:</b> COMMERCIAL, <b>SOURCE:</b> UNKNOWN; <b>SITE DESCRIPTION:</b>		
 <u><b>CHEMICALS</b></u>		
UNKNOWN CHEMICAL OF TYPE - HAZARDOUS MATERIAL		
 <u><b>SITE ACTIONS</b></u>		
<b>ACT DATE:</b> 05/25/2001		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> KENNETH MCDERMOTT		
<b>ACT STATUS:</b> MODIFIED, REVISED, OR UPDATED PLAN RECEIVED		
<b>ACT TYPE:</b> IRA: IMMEDIATE RESPONSE ACTION		
<b>RAO TYPE:</b>		
 <b>ACT DATE:</b> 06/21/2000		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> KENNETH MCDERMOTT		
<b>ACT STATUS:</b> COMPLETION STATEMENT RECEIVED		
<b>ACT TYPE:</b> PHASE: PHASE I		
<b>RAO TYPE:</b>		
 <b>ACT DATE:</b> 08/09/2000		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> KENNETH MCDERMOTT		
<b>ACT STATUS:</b> SCOPE OF WORK RECEIVED		
<b>ACT TYPE:</b> PHASII: PHASE II		
<b>RAO TYPE:</b>		
 <b>ACT DATE:</b> 11/15/2000		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> KENNETH MCDERMOTT		

- Continued on next page -



*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE

**SEARCH ID:** 7

**DIST/DIR:** 0.83 NW

**MAP ID:** 7

**NAME:** ARGUS REALTY LIMITED PARTNERSHIP  
**ADDRESS:** 109 HOWE ST  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0014540  
**ID2:**  
**STATUS:** TIER 1C  
**PHONE:**

**CONTACT:**

**ACT STATUS:** PEREFF  
**ACT TYPE:** TCLASS: TIER CLASSIFICATION  
**RAO TYPE:**

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE

**SEARCH ID:** 8                                      **DIST/DIR:** 0.52 SE                                      **MAP ID:** 8

<b>NAME:</b>	BETWEEN NEPTUNE AND CAROLINE	<b>REV:</b>	1/29/01
<b>ADDRESS:</b>	254 CAROLINE ST FALL_RIVER MA	<b>ID1:</b>	4-0010429
		<b>ID2:</b>	
<b>CONTACT:</b>		<b>STATUS:</b>	RAO
		<b>PHONE:</b>	

**SITE INFORMATION**

<b>LTBI:</b>		<b>CONFIRMED:</b>	
<b>DELETED:</b>		<b>REMOVED:</b>	
<b>CATEGORY:</b>	TWO HR	<b>21E STATUS:</b>	RAO
<b>DATE:</b>	4/21/94	<b>21E DATE:</b>	9/28/99
<b>PHASE:</b>	PHASE II	<b>HAZMAT TYPE:</b>	OIL AND HAZARDOUS MATERIAL
<b>RAO CLASS:</b>	A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND		

**LOCATION TYPE:**  
**SOURCE:** UNKNOWN;  
**SITE DESCRIPTION:**

**SITE ACTIONS**

**TS DATE:** 19980807 00:00:00  
**AUL RESTRICTION:**  
**LSP:** THEODORE KAEGAEL  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** TCLASS: TIER CLASSIFICATION  
**RAO CLASS:**

**TS DATE:** 19980901 00:00:00  
**AUL RESTRICTION:**  
**LSP:**  
**RA STATUS:** RELATED TO A TRANSITION SITE (NOT TIER CLASSIFIED)  
**RAS TYPE:** FEND  
**RAO CLASS:**

**ACT DATE:** 07/25/1994  
**ACT USE LIMITATION:**  
**LSP:** THEODORE KAEGAEL  
**ACT STATUS:** WRITTEN PLAN RECEIVED  
**ACT TYPE:** IRA: IMMEDIATE RESPONSE ACTION  
**RAO TYPE:**

**ACT DATE:** 09/28/1999  
**ACT USE LIMITATION:**  
**LSP:** THEODORE KAEGAEL

- Continued on next page -

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**STATE SITE**

**SEARCH ID:** 8

**DIST/DIR:** 0.52 SE

**MAP ID:** 8

**NAME:** BETWEEN NEPTUNE AND CAROLINE  
**ADDRESS:** 254 CAROLINE ST  
FALL\_RIVER MA

**REV:** 1/29/01  
**ID1:** 4-0010429  
**ID2:**  
**STATUS:** RAO  
**PHONE:**

**CONTACT:**

**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** RAM: RELEASE ABATEMENT MEASURE  
**RAO TYPE:**

**ACT DATE:** 09/03/1998  
**ACT USE LIMITATION:** NOTICE  
**LSP:** THEODORE KAEGAELE  
**ACT STATUS:** RAO STATEMENT RECEIVED  
**ACT TYPE:** RAO-P: PARTIAL RESPONSE ACTION OUTCOME  
**RAO TYPE:** A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

**ACT DATE:** 08/07/1998  
**ACT USE LIMITATION:**  
**LSP:** THEODORE KAEGAELE  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** PHASE1: PHASE I  
**RAO TYPE:**

**ACT DATE:** 11/28/2000  
**ACT USE LIMITATION:** NONE  
**LSP:** THEODORE KAEGAELE  
**ACT STATUS:** ACTION AUDITED  
**ACT TYPE:** RAO: RESPONSE ACTION OUTCOME  
**RAO TYPE:** A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

**ACT DATE:** 11/28/2000  
**ACT USE LIMITATION:**  
**LSP:** THEODORE KAEGAELE  
**ACT STATUS:** ACTION AUDITED  
**ACT TYPE:** AUL: ACTIVITY AND USE LIMITATION  
**RAO TYPE:**

**ACT DATE:** 08/07/1998  
**ACT USE LIMITATION:**  
**LSP:** THEODORE KAEGAELE  
**ACT STATUS:** TIER 2 CLASSIFICATION  
**ACT TYPE:** TCLASS: TIER CLASSIFICATION  
**RAO TYPE:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE	
<b>SEARCH ID:</b> 9	<b>DIST/DIR:</b> 0.47 SE <span style="float: right;"><b>MAP ID:</b> 9</span>
<b>NAME:</b> F.R. WEBBING MILLS/FMR <b>ADDRESS:</b> 272 CAROLINE ST. FALL_RIVER MA	<b>REV:</b> 1/29/01 <b>ID1:</b> 4-0001279 <b>ID2:</b> <b>STATUS:</b> RAO <b>PHONE:</b>
<b>CONTACT:</b>	
<b><u>SITE INFORMATION</u></b>	
<b>LTBI:</b> 7/15/93	<b>CONFIRMED:</b>
<b>DELETED:</b>	<b>REMOVED:</b>
<b>CATEGORY:</b>	<b>21E STATUS:</b> RAO
<b>DATE:</b> 7/15/93	<b>21E DATE:</b> 8/11/97
<b>PHASE:</b> NO PHASE	<b>HAZMAT TYPE:</b> OIL
<b>RAO CLASS:</b>	
<b>LOCATION TYPE:</b>	
<b>SOURCE:</b>	
<b>SITE DESCRIPTION:</b>	MANUFACTURING FACILITY; FORMER; PETROLEUM PRESENT; RELEASE TO SOIL;
<b>OTHER CONTAMINATION:</b>	UNKNOWN SOURCE
<b>OTHER RELEASES:</b>	
<b>OTHER PROBLEMS:</b>	
<b>OTHER TYPE OF SITE:</b>	
<b><u>SITE ACTIONS</u></b>	
<b>TS DATE:</b>	19970811 00:00:00
<b>AUL RESTRICTION:</b>	NON
<b>LSP:</b>	THEODORE KAEGAEI
<b>RA STATUS:</b>	
<b>RAS TYPE:</b>	LSP-RAOEQ
<b>RAO CLASS:</b>	A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED
<b>TO BACKGROUND</b>	

Environmental FirstSearch  
Site Detail Report

TARGET SITE: 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

JOB: 40567

STATE SITE

SEARCH ID: 10 DIST/DIR: 0.39 NE MAP ID: 10

NAME: GAS STATION REV: 5/10/01  
ADDRESS: 408 RHODE ISLAND AVE ID1: 4-0015806  
FALL\_RIVER MA ID2:  
CONTACT: STATUS: PRECLASSIFIED  
PHONE:

SITE INFORMATION

CATEGORY: 72 HR 21E STATUS: PRECLASSIFIED  
DATE: 10/10/00 21E DATE: 10/10/00  
PHASE: PHASE IV HAZMAT TYPE: OIL

RAO CLASS:

LOCATION TYPE: COMMERCIAL,  
SOURCE: UNKNOWN;  
SITE DESCRIPTION:

CHEMICALS

GASOLINE 7 INCH

SITE ACTIONS

ACT DATE: 03/15/2001  
ACT USE LIMITATION:  
LSP: STEFAN SOKOL  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: PHSIII: PHASE III  
RAO TYPE:

ACT DATE: 12/21/2000  
ACT USE LIMITATION:  
LSP: ANN HEFFRON  
ACT STATUS: STATUS REPORT RECEIVED  
ACT TYPE: IRA: IMMEDIATE RESPONSE ACTION  
RAO TYPE:

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE			
<b>SEARCH ID:</b>	11	<b>DIST/DIR:</b>	0.94 NW
		<b>MAP ID:</b>	11
<b>NAME:</b>	GETTY SERVICE STATION/FMR	<b>REV:</b>	8/1/01
<b>ADDRESS:</b>	2291 SOUTH MAIN ST FALL_RIVER MA	<b>ID1:</b>	4-0000786
		<b>ID2:</b>	
<b>CONTACT:</b>		<b>STATUS:</b>	TIER 2
		<b>PHONE:</b>	
<b><u>SITE INFORMATION</u></b>			
<b>LTBI:</b>	10/15/89	<b>CONFIRMED:</b>	4/15/90
<b>DELETED:</b>		<b>REMOVED:</b>	
<b>CATEGORY:</b>		<b>21E STATUS:</b>	TIER 2
<b>DATE:</b>	10/15/89	<b>21E DATE:</b>	7/23/99
<b>PHASE:</b>	NO PHASE	<b>HAZMAT TYPE:</b>	OIL
<b>RAO CLASS:</b>	A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED		
<b>LOCATION TYPE:</b>			
<b>SOURCE:</b>			
<b>SITE DESCRIPTION:</b>	UNKNOWN AS TO WHAT IS CONTAINED IN; FORMER; GAS STATION;		
<b>OTHER CONTAMINATION:</b>			
<b>OTHER RELEASES:</b>	POTENTIAL RELEASE		
<b>OTHER PROBLEMS:</b>	POTENTIAL SOIL RELEASE		
<b>OTHER TYPE OF SITE:</b>			
<b><u>CHEMICALS</u></b>			
<b><u>SITE ACTIONS</u></b>			
<b>TS DATE:</b>	12/21/1995		
<b>AUL RESTRICTION:</b>			
<b>LSP:</b>	THOMAS QUIGLEY		
<b>RA STATUS:</b>	WRITTEN PLAN RECEIVED		
<b>RAS TYPE:</b>	RAM: RELEASE ABATEMENT MEASURE		
<b>RAO CLASS:</b>			
<b>TS DATE:</b>	3/13/1996		
<b>AUL RESTRICTION:</b>			
<b>LSP:</b>	THOMAS QUIGLEY		
<b>RA STATUS:</b>	COMPLETION STATEMENT RECEIVED		
<b>RAS TYPE:</b>	RAM: RELEASE ABATEMENT MEASURE		
<b>RAO CLASS:</b>			
<b>TS DATE:</b>	3/13/1996		
<b>AUL RESTRICTION:</b>	NOT		

- Continued on next page -

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE

**SEARCH ID:** 11

**DIST/DIR:** 0.94 NW

**MAP ID:** 11

**NAME:** GETTY SERVICE STATION/FMR  
**ADDRESS:** 2291 SOUTH MAIN ST  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0000786  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

**LSP:** THOMAS QUIGLEY  
**RA STATUS:** RAO STATEMENT RECEIVED  
**RAS TYPE:** RAO: RESPONSE ACTION OUTCOME  
**RAO CLASS:** A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

**TS DATE:** 1/31/2000  
**AUL RESTRICTION:**  
**LSP:** LAWRENCE LESSARD  
**RA STATUS:** WRITTEN PLAN RECEIVED  
**RAS TYPE:** RAM: RELEASE ABATEMENT MEASURE  
**RAO CLASS:**

**TS DATE:** 7/23/1999  
**AUL RESTRICTION:**  
**LSP:** LAWRENCE LESSARD  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** TCLASS: TIER CLASSIFICATION  
**RAO CLASS:**

**TS DATE:** 10/10/1994  
**AUL RESTRICTION:**  
**LSP:** THOMAS QUIGLEY  
**RA STATUS:**  
**RAS TYPE:** TS-ACCEPT  
**RAO CLASS:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**STATE SITE**

<b>SEARCH ID:</b> 12	<b>DIST/DIR:</b> 0.77 NE	<b>MAP ID:</b> 12
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<b>NAME:</b> JEFFERSON PARCEL FMR <b>ADDRESS:</b> 994 JEFFERSON ST FALL_RIVER MA 02721	<b>REV:</b> 8/1/01 <b>ID1:</b> 4-0015253 <b>ID2:</b> <b>STATUS:</b> TIER 2 <b>PHONE:</b>
<b>CONTACT:</b>	

**SITE INFORMATION**

<b>CATEGORY:</b>	120 DY	<b>21E STATUS:</b>	TIER 2
<b>DATE:</b>	1/19/00	<b>21E DATE:</b>	1/19/01
<b>PHASE:</b>	PHASE II	<b>HAZMAT TYPE:</b>	OIL AND HAZARDOUS MATERIAL

**RAO CLASS:**

**LOCATION TYPE:**  
**SOURCE:**  
**SITE DESCRIPTION:**

**CHEMICALS**

LEAD 10700 PPM

**SITE ACTIONS**

**ACT DATE:** 10/20/2000  
**ACT USE LIMITATION:**  
**LSP:** RICHARD RHEAUME  
**ACT STATUS:** STATUS REPORT RECEIVED  
**ACT TYPE:** RAM: RELEASE ABATEMENT MEASURE  
**RAO TYPE:**

**ACT DATE:** 01/25/2001  
**ACT USE LIMITATION:**  
**LSP:** RICHARD RHEAUME  
**ACT STATUS:** LEGNOT  
**ACT TYPE:** TCLASS: TIER CLASSIFICATION  
**RAO TYPE:**

**ACT DATE:** 01/19/2001  
**ACT USE LIMITATION:**  
**LSP:** RICHARD RHEAUME  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** PHASE: PHASE I  
**RAO TYPE:**





**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE

**SEARCH ID:** 14

**DIST/DIR:** 0.39 NE

**MAP ID:** 10

**NAME:** MOBIL STATION #01-240  
**ADDRESS:** 408 RHODE ISLAND AVE.  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0001066  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

SITE INFORMATION

**LTBI:** 7/15/91  
**DELETED:**

**CONFIRMED:** 7/15/91  
**REMOVED:**

**CATEGORY:**  
**DATE:** 7/15/91  
**PHASE:** PHASE IV

**21E STATUS:** TIER 2  
**21E DATE:** 4/2/01  
**HAZMAT TYPE:** OIL

**RAO CLASS:**

**LOCATION TYPE:**

**SOURCE:**

**SITE DESCRIPTION:** GROUNDWATER RELEASE; GASOLINE PRESENT; CONTAINED IN A LUST; GAS STATION;

**OTHER CONTAMINATION:**

**OTHER RELEASES:**

**OTHER PROBLEMS:**

**OTHER TYPE OF SITE:**

CHEMICALS

SITE ACTIONS

**TS DATE:** 3/18/1999  
**AUL RESTRICTION:**  
**LSP:** JAMES YOUNG  
**RA STATUS:** COMPLETION STATEMENT RECEIVED  
**RAS TYPE:** RAM: RELEASE ABATEMENT MEASURE  
**RAO CLASS:**

**TS DATE:** 12/4/2000  
**AUL RESTRICTION:**  
**LSP:** ANN HEFFRON  
**RA STATUS:** MODIFIED, REVISED, OR UPDATED PLAN RECEIVED  
**RAS TYPE:** IRA: IMMEDIATE RESPONSE ACTION  
**RAO CLASS:**

**TS DATE:** 4/12/1999  
**AUL RESTRICTION:**

- Continued on next page -

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**STATE SITE**

**SEARCH ID:** 14

**DIST/DIR:** 0.39 NE

**MAP ID:** 10

**NAME:** MOBIL STATION #01-240  
**ADDRESS:** 408 RHODE ISLAND AVE.  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0001066  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

**LSP:** JAMES YOUNG  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** TIER2EXT  
**RAO CLASS:**

**TS DATE:** 4/25/1997  
**AUL RESTRICTION:**  
**LSP:** COLIN COOL  
**RA STATUS:**  
**RAS TYPE:** TIER2EXT  
**RAO CLASS:**

**TS DATE:** 3/27/1998  
**AUL RESTRICTION:**  
**LSP:** JAMES YOUNG  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** TIER2EXT  
**RAO CLASS:**

**TS DATE:** 4/10/2000  
**AUL RESTRICTION:**  
**LSP:** CHRISTOPHE HENRY  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** TIER2EXT  
**RAO CLASS:**

**TS DATE:** 3/15/2001  
**AUL RESTRICTION:**  
**LSP:** STEFAN SOKOL  
**RA STATUS:** COMPLETION STATEMENT RECEIVED  
**RAS TYPE:** PHASEIII  
**RAO CLASS:**

**TS DATE:** 10/20/2000  
**AUL RESTRICTION:**  
**LSP:** ANN HEFFRON  
**RA STATUS:** WRITTEN PLAN RECEIVED  
**RAS TYPE:** IRA: IMMEDIATE RESPONSE ACTION  
**RAO CLASS:**

**TS DATE:** 1/16/2001  
**AUL RESTRICTION:**

- Continued on next page -

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE

**SEARCH ID:** 14

**DIST/DIR:** 0.39 NE

**MAP ID:** 10

**NAME:** MOBIL STATION #01-240  
**ADDRESS:** 408 RHODE ISLAND AVE.  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0001066  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

**LSP:** STEFAN SOKOL  
**RA STATUS:** COMPLETION STATEMENT RECEIVED  
**RAS TYPE:** PHASEII  
**RAO CLASS:**

**TS DATE:** 4/2/2001  
**AUL RESTRICTION:**  
**LSP:** STEFAN SOKOL  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** TIER2EXT  
**RAO CLASS:**

**TS DATE:** 6/2/1999  
**AUL RESTRICTION:**  
**LSP:** JAMES YOUNG  
**RA STATUS:** SCOPE OF WORK RECEIVED  
**RAS TYPE:** PHASEII  
**RAO CLASS:**



**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE

**SEARCH ID:** 16

**DIST/DIR:** 0.83 NW

**MAP ID:** 7

**NAME:** NO LOCATION AID  
**ADDRESS:** 109 HOWE ST  
FALL\_RIVER MA 02724

**REV:** 8/1/01  
**ID1:** 4-0011375  
**ID2:**  
**STATUS:** TIER 1B  
**PHONE:**

**CONTACT:**

**SITE INFORMATION**

**LTBI:**  
**DELETED:**

**CONFIRMED:**  
**REMOVED:**

**CATEGORY:** 120 DY  
**DATE:** 5/15/95  
**PHASE:** PHASE IV

**21E STATUS:** TIER 1B  
**21E DATE:** 2/7/01  
**HAZMAT TYPE:** HAZARDOUS MATERIAL

**RAO CLASS:**

**LOCATION TYPE:**  
**SOURCE:** UNKNOWN;  
**SITE DESCRIPTION:**

**CHEMICALS**

NICKEL 3.43 MG/L  
ETHENE, TRICHLORO- 19.5 MG/L  
LEAD .041 MG/L

**SITE ACTIONS**

**TS DATE:** 3/18/1998  
**AUL RESTRICTION:**  
**LSP:**  
**RA STATUS:** RELATED TO A TRANSITION SITE (NOT TIER CLASSIFIED)  
**RAS TYPE:** FEND  
**RAO CLASS:**

**TS DATE:** 5/16/1997  
**AUL RESTRICTION:**  
**LSP:** JONATHAN TWINING  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** TCLASS: TIER CLASSIFICATION  
**RAO CLASS:**

**ACT DATE:** 05/25/2001  
**ACT USE LIMITATION:**  
**LSP:** KENNETH MCDERMOTT  
**ACT STATUS:** MODIFIED, REVISED, OR UPDATED PLAN RECEIVED  
**ACT TYPE:** IRA: IMMEDIATE RESPONSE ACTION

- Continued on next page -

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE

**SEARCH ID:** 16

**DIST/DIR:** 0.83 NW

**MAP ID:** 7

**NAME:** NO LOCATION AID  
**ADDRESS:** 109 HOWE ST  
FALL\_RIVER MA 02724

**REV:** 8/1/01  
**ID1:** 4-0011375  
**ID2:**  
**STATUS:** TIER 1B  
**PHONE:**

**CONTACT:**

**RAO TYPE:**

**ACT DATE:** 06/26/2001  
**ACT USE LIMITATION:**  
**LSP:** KENNETH MCDERMOTT  
**ACT STATUS:** PEREFF  
**ACT TYPE:** TCLASS: TIER CLASSIFICATION  
**RAO TYPE:**

**ACT DATE:** 05/16/1997  
**ACT USE LIMITATION:**  
**LSP:** JONATHAN TWINING  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** PHASEI: PHASE I  
**RAO TYPE:**

**ACT DATE:** 05/18/1998  
**ACT USE LIMITATION:**  
**LSP:** JONATHAN TWINING  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** PHASII: PHASE II  
**RAO TYPE:**

**ACT DATE:** 10/09/1998  
**ACT USE LIMITATION:**  
**LSP:** WILLIAM ST HILAIRE  
**ACT STATUS:** MODIFIED, REVISED, OR UPDATED PLAN RECEIVED  
**ACT TYPE:** RAM: RELEASE ABATEMENT MEASURE  
**RAO TYPE:**

**ACT DATE:** 06/10/1998  
**ACT USE LIMITATION:**  
**LSP:** JONATHAN TWINING  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** PHSIII: PHASE III  
**RAO TYPE:**





*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE

**SEARCH ID:** 17                      **DIST/DIR:** 0.83 NW                      **MAP ID:** 7

<b>NAME:</b>	NO LOCATION AID	<b>REV:</b>	8/1/01
<b>ADDRESS:</b>	109 HOWE ST FALL_RIVER MA 02724	<b>ID1:</b>	4-0013573
		<b>ID2:</b>	
		<b>STATUS:</b>	TIER 2
<b>CONTACT:</b>		<b>PHONE:</b>	

**ACT USE LIMITATION:**

<b>LSP:</b>	ANDREW BAKINOWSKI
<b>ACT STATUS:</b>	TIER 2 CLASSIFICATION
<b>ACT TYPE:</b>	TCLASS: TIER CLASSIFICATION
<b>RAO TYPE:</b>	

<b>ACT DATE:</b>	03/06/1998
<b>ACT USE LIMITATION:</b>	
<b>LSP:</b>	JONATHAN TWINING
<b>ACT STATUS:</b>	FEE RECEIVED
<b>ACT TYPE:</b>	RAM: RELEASE ABATEMENT MEASURE
<b>RAO TYPE:</b>	

*Environmental FirstSearch  
Site Detail Report*

TARGET SITE: 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

JOB: 40567

STATE SITE

SEARCH ID: 18 DIST/DIR: 0.06 NE MAP ID: 14

NAME: PAPA GNOS REV: 8/1/01  
ADDRESS: 340 BISHOP MARIANNO BLVD ID1: 4-0001174  
FALL\_RIVER MA ID2:  
CONTACT: STATUS: TIER 2  
PHONE:

SITE INFORMATION

LTBI: 1/15/93 CONFIRMED: 1/15/93  
DELETED: REMOVED:

CATEGORY: 21E STATUS: TIER 2  
DATE: 1/15/93 21E DATE: 8/7/97  
PHASE: PHASE II HAZMAT TYPE: HAZARDOUS MATERIAL

RAO CLASS:

LOCATION TYPE:

SOURCE:

SITE DESCRIPTION: GROUNDWATER RELEASE; LANDFILL; ALTOGETHER UNCONTAINED; RELEASE TO SOIL;  
FORMER; CHLORINATED SOLVENTS PRESENT;

OTHER CONTAMINATION:

OTHER RELEASES:

OTHER PROBLEMS:

OTHER TYPE OF SITE:

CHEMICALS

SITE ACTIONS

TS DATE: 8/7/1997  
AUL RESTRICTION:  
LSP: SAMUEL BUTCHER  
RA STATUS:  
RAS TYPE: TCLASS: TIER CLASSIFICATION  
RAO CLASS:

TS DATE: 8/7/1997  
AUL RESTRICTION:  
LSP: SAMUEL BUTCHER  
RA STATUS: COMPLETION STATEMENT RECEIVED  
RAS TYPE: PHASE I: PHASE I  
RAO CLASS:

TS DATE: 8/7/1997  
AUL RESTRICTION:

- Continued on next page -

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE

**SEARCH ID:** 18

**DIST/DIR:** 0.06 NE

**MAP ID:** 14

**NAME:** PAPA GINOS  
**ADDRESS:** 340 BISHOP MARIANNO BLVD  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0001174  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

**LSP:** SAMUEL BUTCHER  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** LSP-FA  
**RAO CLASS:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE

**SEARCH ID:** 19                                      **DIST/DIR:** 0.83 NW                                      **MAP ID:** 7

<b>NAME:</b> REFLEK CORP	<b>REV:</b> 1/29/01
<b>ADDRESS:</b> 109 HOWE ST FALL_RIVER MA	<b>IDI:</b> 4-0015886
<b>CONTACT:</b>	<b>ID2:</b>
	<b>STATUS:</b> PRECLASSIFIED
	<b>PHONE:</b>

SITE INFORMATION

<b>CATEGORY:</b> 72 HR	<b>21E STATUS:</b> RTN CLOSED
<b>DATE:</b> 11/15/00	<b>21E DATE:</b> 2/7/01
<b>PHASE:</b> NO PHASE	<b>HAZMAT TYPE:</b> HAZARDOUS MATERIAL

**RAO CLASS:**

**LOCATION TYPE:** INDUSTRIAL, COMMERCIAL,  
**SOURCE:** PIPE;  
**SITE DESCRIPTION:**

SITE ACTIONS

**ACT DATE:** 02/07/2001  
**ACT USE LIMITATION:**  
**LSP:** KENNETH MCDERMOTT  
**ACT STATUS:** RELATED TO A TIER CLASSIFIED SITE  
**ACT TYPE:** RAONR: RAO NOT REQUIRED  
**RAO TYPE:**

**ACT DATE:** 12/29/2000  
**ACT USE LIMITATION:**  
**LSP:** KENNETH MCDERMOTT  
**ACT STATUS:** WRITTEN PLAN RECEIVED  
**ACT TYPE:** IRA: IMMEDIATE RESPONSE ACTION  
**RAO TYPE:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**STATE SITE**

<b>SEARCH ID:</b> 20	<b>DIST/DIR:</b> 0.98 NE	<b>MAP ID:</b> 15
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<b>NAME:</b> RICHIES AUTOMOTIVE <b>ADDRESS:</b> 182 STAFFORD RD FALL_RIVER MA	<b>REV:</b> 8/1/01 <b>ID1:</b> 4-0010491 <b>ID2:</b> <b>STATUS:</b> DEF TIER 1B <b>PHONE:</b>
<b>CONTACT:</b>	

**SITE INFORMATION**

<b>CATEGORY:</b> 72 HR	<b>21E STATUS:</b> DEF TIER 1B
<b>DATE:</b> 5/18/94	<b>21E DATE:</b> 5/25/95
<b>PHASE:</b> NO PHASE	<b>HAZMAT TYPE:</b> OIL

**RAO CLASS:**

**LOCATION TYPE:**  
**SOURCE:** UST;  
**SITE DESCRIPTION:**

**CHEMICALS**

GASOLINE 750 PPM

**SITE ACTIONS**

**ACT DATE:** 05/18/1994  
**ACT USE LIMITATION:**  
**LSP:** JAMES D OBRIEN  
**ACT STATUS:** ORAL APPROVAL OF PLAN  
**ACT TYPE:** IRA: IMMEDIATE RESPONSE ACTION  
**RAO TYPE:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE			
<b>SEARCH ID:</b> 21	<b>DIST/DIR:</b> 0.37 NE	<b>MAP ID:</b> 16	
<b>NAME:</b> SHELL SERVICE STATION		<b>REV:</b> 8/1/01	
<b>ADDRESS:</b> 33 MARIANNO BISHOP BLVD FALL_RIVER MA		<b>ID1:</b> 4-0001062	
		<b>ID2:</b>	
<b>CONTACT:</b>		<b>STATUS:</b> TIER 2	
		<b>PHONE:</b>	
 <b><u>SITE INFORMATION</u></b>			
<b>LTBI:</b>	7/15/93	<b>CONFIRMED:</b>	7/15/93
<b>DELETED:</b>		<b>REMOVED:</b>	
<b>CATEGORY:</b>		<b>2IE STATUS:</b>	TIER 2
<b>DATE:</b>	7/15/93	<b>2IE DATE:</b>	10/2/98
<b>PHASE:</b>	PHASE II	<b>HAZMAT TYPE:</b>	OIL
<b>RAO CLASS:</b>			
 <b>LOCATION TYPE:</b>			
<b>SOURCE:</b>			
<b>SITE DESCRIPTION:</b>			
 <b><u>CHEMICALS</u></b>			
 <b><u>SITE ACTIONS</u></b>			
<b>TS DATE:</b>	7/24/1996		
<b>AUL RESTRICTION:</b>			
<b>LSP:</b>	RICHARD KOWALSKI		
<b>RA STATUS:</b>	COMPLETION STATEMENT RECEIVED		
<b>RAS TYPE:</b>	PHASEI: PHASE I		
<b>RAO CLASS:</b>			
<b>TS DATE:</b>	6/8/2000		
<b>AUL RESTRICTION:</b>			
<b>LSP:</b>	THOMAS WILLIAMSON		
<b>RA STATUS:</b>	SCOPE OF WORK RECEIVED		
<b>RAS TYPE:</b>	PHASEII		
<b>RAO CLASS:</b>			
<b>TS DATE:</b>	7/24/1996		
<b>AUL RESTRICTION:</b>			
<b>LSP:</b>	RICHARD KOWALSKI		
<b>RA STATUS:</b>			
<b>RAS TYPE:</b>	TCLASS: TIER CLASSIFICATION		
<b>RAO CLASS:</b>			
<i>- Continued on next page -</i>			

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE

**SEARCH ID:** 21

**DIST/DIR:** 0.37 NE

**MAP ID:** 16

**NAME:** SHELL SERVICE STATION  
**ADDRESS:** 33 MARIANNO BISHOP BLVD  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0001062  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

**TS DATE:** 10/2/1998  
**AUL RESTRICTION:**  
**LSP:** THOMAS WILLIAMSON  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** TIER2TRANS  
**RAO CLASS:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

<b>STATE SITE</b>			
<b>SEARCH ID:</b> 22		<b>DIST/DIR:</b> 0.71 NW	
<b>MAP ID:</b> 17			
<b>NAME:</b>	SHELL SERVICE STATION/FMR	<b>REV:</b>	8/1/01
<b>ADDRESS:</b>	19 LAUREL ST. FALL_RIVER MA	<b>ID1:</b>	4-0000795
<b>CONTACT:</b>		<b>ID2:</b>	
		<b>STATUS:</b>	TIER 2
		<b>PHONE:</b>	
 <u><b>SITE INFORMATION</b></u>			
<b>LTBI:</b>	1/15/90	<b>CONFIRMED:</b>	1/15/90
<b>DELETED:</b>		<b>REMOVED:</b>	
<b>CATEGORY:</b>		<b>21E STATUS:</b>	TIER 2
<b>DATE:</b>	1/15/90	<b>21E DATE:</b>	10/2/98
<b>PHASE:</b>	PHASE II	<b>HAZMAT TYPE:</b>	OIL
<b>RAO CLASS:</b>			
<b>LOCATION TYPE:</b>			
<b>SOURCE:</b>			
<b>SITE DESCRIPTION:</b>	CONTAINED IN A LUST; GROUNDWATER RELEASE; GASOLINE PRESENT; RELEASE TO SOIL; WETLANDS RELEASE THREAT; COMMERCIAL SITE; FORMER;		
<b>OTHER CONTAMINATION:</b>			
<b>OTHER RELEASES:</b>			
<b>OTHER PROBLEMS:</b>			
<b>OTHER TYPE OF SITE:</b>			
 <u><b>CHEMICALS</b></u>			
 <u><b>SITE ACTIONS</b></u>			
<b>TS DATE:</b>	3/16/1999		
<b>AUL RESTRICTION:</b>			
<b>LSP:</b>	THOMAS WILLIAMSON		
<b>RA STATUS:</b>	SCOPE OF WORK RECEIVED		
<b>RAS TYPE:</b>	PHASEII		
<b>RAO CLASS:</b>			
<b>TS DATE:</b>	12/10/1996		
<b>AUL RESTRICTION:</b>			
<b>LSP:</b>	MICHAEL BINGHAM		
<b>RA STATUS:</b>	COMPLETION STATEMENT RECEIVED		
<b>RAS TYPE:</b>	PHASEI: PHASE I		
<b>RAO CLASS:</b>			
<b>TS DATE:</b>	12/10/1996		
<b>AUL RESTRICTION:</b>			

- Continued on next page -



**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE

**SEARCH ID:** 22

**DIST/DIR:** 0.71 NW

**MAP ID:** 17

**NAME:** SHELL SERVICE STATION/FMR  
**ADDRESS:** 19 LAUREL ST.  
FALL\_RIVER MA

**REV:** 8/1/01  
**IDI:** 4-0000795  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

**LSP:** MICHAEL BINGHAM  
**RA STATUS:**  
**RAS TYPE:** TCLASS: TIER CLASSIFICATION  
**RAO CLASS:**

**TS DATE:** 10/2/1998  
**AUL RESTRICTION:**  
**LSP:** THOMAS WILLIAMSON  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** TIER2TRANS  
**RAO CLASS:**

**TS DATE:** 8/6/1999  
**AUL RESTRICTION:**  
**LSP:** THOMAS WILLIAMSON  
**RA STATUS:** COMPLETION STATEMENT RECEIVED  
**RAS TYPE:** PHASEII  
**RAO CLASS:**

**TS DATE:** 9/30/1996  
**AUL RESTRICTION:**  
**LSP:**  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** PPAEXT  
**RAO CLASS:**

**TS DATE:** 12/10/1996  
**AUL RESTRICTION:**  
**LSP:** MICHAEL BINGHAM  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** LSP-FA  
**RAO CLASS:**



**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**STATE SITE**

**SEARCH ID:** 24

**DIST/DIR:** 0.91 NW

**MAP ID:** 13

**NAME:** SUNOCO SERVICE STATION  
**ADDRESS:** 2322 S MAIN ST  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0000564  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

**SITE INFORMATION**

**LTBI:** 10/15/88  
**DELETED:**

**CONFIRMED:** 10/15/89  
**REMOVED:**

**CATEGORY:**  
**DATE:** 10/15/88  
**PHASE:** PHASE IV

**21E STATUS:** TIER 2  
**21E DATE:** 8/2/95  
**HAZMAT TYPE:** OIL

**RAO CLASS:**

**LOCATION TYPE:**  
**SOURCE:**  
**SITE DESCRIPTION:**

**CHEMICALS**

**SITE ACTIONS**

**TS DATE:** 8/11/1997  
**AUL RESTRICTION:**  
**LSP:** JEFFREY HARDIN  
**RA STATUS:** COMPLETION STATEMENT RECEIVED  
**RAS TYPE:** PHASEIII  
**RAO CLASS:**

**TS DATE:** 8/2/1995  
**AUL RESTRICTION:**  
**LSP:** JEFFREY HARDIN  
**RA STATUS:**  
**RAS TYPE:** TCLASS: TIER CLASSIFICATION  
**RAO CLASS:**

**TS DATE:** 8/11/1997  
**AUL RESTRICTION:**  
**LSP:** JEFFREY HARDIN  
**RA STATUS:** COMPLETION STATEMENT RECEIVED  
**RAS TYPE:** PHASEII  
**RAO CLASS:**

- Continued on next page -

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE

**SEARCH ID:** 24

**DIST/DIR:** 0.91 NW

**MAP ID:** 13

**NAME:** SUNOCO SERVICE STATION  
**ADDRESS:** 2322 S MAIN ST  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0000564  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

**TS DATE:** 8/1/1995  
**AUL RESTRICTION:**  
**LSP:** JEFFREY HARDIN  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** LSP-FA  
**RAO CLASS:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SITE

**SEARCH ID:** 25    **DIST/DIR:** 0.79 NW    **MAP ID:** 19

**NAME:** TILLY REALTY ASSOCIATES PROPERTY    **REV:** 8/1/01  
**ADDRESS:** 358 KILBURN ST    **ID1:** 4-0015731  
FALL\_RIVER MA    **ID2:**  
**CONTACT:**    **STATUS:** PRECLASSIFIED  
**PHONE:**

**SITE INFORMATION**

**CATEGORY:** TWO HR    **21E STATUS:** PRECLASSIFIED  
**DATE:** 9/7/00    **21E DATE:** 9/7/00  
**PHASE:** NO PHASE    **HAZMAT TYPE:** OIL

**RAO CLASS:**

**LOCATION TYPE:** INDUSTRIAL, COMMERCIAL  
**SOURCE:** AST; PIPE;  
**SITE DESCRIPTION:**

**CHEMICALS**

FUEL OIL #6

**SITE ACTIONS**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**STATE SITE**

**SEARCH ID:** 26

**DIST/DIR:** 0.79 NW

**MAP ID:** 19

**NAME:** TILLY REALTY BLDG 2  
**ADDRESS:** 358 KILBURN ST  
FALL\_RIVER MA

**REV:** 1/29/01  
**ID1:** 4-0015725  
**ID2:**  
**STATUS:** PRECLASSIFIED  
**PHONE:**

**CONTACT:**

**SITE INFORMATION**

**CATEGORY:** TWO HR                      **21E STATUS:** RAO  
**DATE:** 9/5/00                          **21E DATE:** 1/11/01  
**PHASE:** NO PHASE                      **HAZMAT TYPE:**

**RAO CLASS:** A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO  
BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED

**LOCATION TYPE:** INDUSTRIAL, COMMERCIAL,  
**SOURCE:** DRUMS;  
**SITE DESCRIPTION:**

**SITE ACTIONS**

**ACT DATE:** 01/11/2001  
**ACT USE LIMITATION:**  
**LSP:** MICHAEL GEISSER  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** IRA: IMMEDIATE RESPONSE ACTION  
**RAO TYPE:**

**ACT DATE:** 01/11/2001  
**ACT USE LIMITATION:** NONE  
**LSP:** MICHAEL GEISSER  
**ACT STATUS:** RAO STATEMENT RECEIVED  
**ACT TYPE:** RAO: RESPONSE ACTION OUTCOME  
**RAO TYPE:** A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO  
BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED







**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**STATE SPILLS SITE**

**SEARCH ID:** 29

**DIST/DIR:** 0.49 SE

**MAP ID:** 20

**NAME:** F.R. WEBBING MILLS/FMR  
**ADDRESS:** 272 CAROLINE ST.  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0001279  
**ID2:**  
**STATUS:** RAO  
**PHONE:**

**CONTACT:**

**SITE INFORMATION**

**LTBI:** 7/15/93  
**DELETED:**

**CONFIRMED:**  
**REMOVED:**

**CATEGORY:**  
**DATE:** 7/15/93  
**PHASE:** NO PHASE

**21E STATUS:** RAO  
**21E DATE:** 8/11/97  
**HAZMAT TYPE:** OIL

**RAO CLASS:**

**LOCATION TYPE:**

**SOURCE:**

**SITE DESCRIPTION:** RELEASE TO SOIL; FORMER; MANUFACTURING FACILITY; PETROLEUM PRESENT;

**OTHER CONTAMINATION:** UNKNOWN SOURCE

**OTHER RELEASES:**

**OTHER PROBLEMS:**

**OTHER TYPE OF SITE:**

**CHEMICALS**

**SITE ACTIONS**

**TS DATE:** 8/11/1997  
**AUL RESTRICTION:** NON  
**LSP:** THEODORE KAEGAEL

**RA STATUS:**  
**RAS TYPE:** LSP-RAOEQ  
**RAO CLASS:** A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED  
**TO BACKGROUND**

*Environmental FirstSearch*  
*Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE

**SEARCH ID:** 30

**DIST/DIR:** 0.39 NE

**MAP ID:** 10

**NAME:** GAS STATION  
**ADDRESS:** 408 RHODE ISLAND AVE  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0015806  
**ID2:**  
**STATUS:** RTN CLOSED  
**PHONE:**

**CONTACT:**

**SITE INFORMATION**

**CATEGORY:** 72 HR                      **21E STATUS:** RTN CLOSED  
**DATE:** 10/10/00                  **21E DATE:** 5/29/01  
**PHASE:** PHASE IV                 **HAZMAT TYPE:** OIL

**RAO CLASS:**

**LOCATION TYPE:** COMMERCIAL,  
**SOURCE:** UNKNOWN;  
**SITE DESCRIPTION:**

**CHEMICALS**

GASOLINE 7 INCH

**SITE ACTIONS**

**ACT DATE:** 05/29/2001  
**ACT USE LIMITATION:**  
**LSP:** ANN HEFFRON  
**ACT STATUS:** RELATED TO A TIER CLASSIFIED SITE  
**ACT TYPE:** RAONR: RAO NOT REQUIRED  
**RAO TYPE:**

**ACT DATE:** 05/29/2001  
**ACT USE LIMITATION:**  
**LSP:** ANN HEFFRON  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** IRA: IMMEDIATE RESPONSE ACTION  
**RAO TYPE:**

**ACT DATE:** 03/15/2001  
**ACT USE LIMITATION:**  
**LSP:** STEFAN SOKOL  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** PHSIII: PHASE III  
**RAO TYPE:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**STATE SPILLS SITE**

**SEARCH ID:** 31

**DIST/DIR:** 0.21 NE

**MAP ID:** 6

**NAME:** HARBOUR MALL  
**ADDRESS:** WILLIAM CANNING BLVD  
FALL RIVER MA 02721

**REV:** 1/29/01  
**ID1:** 4-0000292  
**ID2:**  
**STATUS:** NFA  
**PHONE:**

**CONTACT:**

**SITE INFORMATION**

**LTBI:** 1/15/87  
**DELETED:**

**CONFIRMED:**  
**REMOVED:**

**CATEGORY:**  
**DATE:** 1/15/87  
**PHASE:** NO PHASE

**21E STATUS:** NFA  
**21E DATE:** 8/2/95  
**HAZMAT TYPE:** HAZARDOUS MATERIAL

**RAO CLASS:**

**LOCATION TYPE:**  
**SOURCE:**  
**SITE DESCRIPTION:**

**SITE ACTIONS**

**TS DATE:** 19950802 00:00:00  
**AUL RESTRICTION:**  
**LSP:** ROBERT BERGER  
**RA STATUS:**  
**RAS TYPE:** LSP-NFA  
**RAO CLASS:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**STATE SPILLS SITE**

**SEARCH ID:** 32

**DIST/DIR:** 0.39 NE

**MAP ID:** 10

**NAME:** MOBIL OIL STA  
**ADDRESS:** 408 RHODE ISLAND ST  
FALL RIVER MA

**REV:**  
**ID1:** S93-0414  
**ID2:** 0000  
**STATUS:**  
**PHONE:**

**CONTACT:** PINAUD, L

<b>CASE CLOSED?</b>	YES	<b>SPILL TIME:</b>	04:00PM
<b>SPILL DATE:</b>	19930622	<b>REPORT TIME:</b>	07:30PM
<b>DATE REPORTED:</b>	19930622	<b>NOTIFIER PHONE:</b>	
<b>SPILL NOTIFIER:</b>	TED SILVA/MOBIL OIL		

**SPILL DESCRIPTION:**

<b>INCIDENT:</b>	-----		
<b>MATERIAL SPILLED:</b>	OTHER MATERIAL -->	<b>ACTUAL AMT SPILLED:</b>	-----
<b>AMT RPTD SPILLED:</b>	-----		
<b>SOURCE OF SPILL:</b>	-----	<b>VIR/WASTE:</b>	-----
<b>PET/HAZ:</b>	NEITHER		
<b>PCB LEVEL:</b>	-----		

**ENVIRONMENTAL IMPACT:**

<b>LUST?:</b>	NO	<b>SOIL CONTAMINATED?:</b>	
<b>CONTRACTOR:</b>	NOT USED	<b>PREPARE REPORT:</b>	
<b>DAYS/CLOSE:</b>	0		

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**STATE SPILLS SITE**

**SEARCH ID:** 33                                      **DIST/DIR:** 0.39 NE                                      **MAP ID:** 10

<b>NAME:</b> MOBIL SERV STATION	<b>REV:</b>
<b>ADDRESS:</b> 408 RHODE ISLAND AVE	<b>ID1:</b> S91-0297
FALL RIVER MA	<b>ID2:</b> 0000
<b>CONTACT:</b> MORAN, M	<b>STATUS:</b>
	<b>PHONE:</b>

<b>CASE CLOSED?</b> YES	<b>SPILL TIME:</b>
<b>SPILL DATE:</b>	<b>REPORT TIME:</b> 02:00PM
<b>DATE REPORTED:</b> 19910530	<b>NOTIFIER PHONE:</b>
<b>SPILL NOTIFIER:</b> AMY LEMMONS/MOBIL	

**SPILL DESCRIPTION:**

<b>INCIDENT:</b> TANK REMOVAL	
<b>MATERIAL SPILLED:</b> GASOLINE	
<b>AMT RPTD SPILLED:</b> SHEEN -----	<b>ACTUAL AMT SPILLED:</b> -----
<b>SOURCE OF SPILL:</b> U.S.T.	
<b>PET/HAZ:</b> PETROLEUM	<b>VIR/WASTE:</b> VIRGIN
<b>PCB LEVEL:</b> NONE	

**ENVIRONMENTAL IMPACT:**

<b>LUST?:</b> YES	<b>SOIL CONTAMINATED?:</b>
<b>CONTRACTOR:</b> NOT USED	<b>PREPARE REPORT:</b>
<b>DAYS/CLOSE:</b> 1	

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
 FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE			
<b>SEARCH ID:</b> 34	<b>DIST/DIR:</b> 0.39 NE	<b>MAP ID:</b> 10	
<b>NAME:</b> MOBIL STATION #01-240	<b>ADDRESS:</b> 408 RHODE ISLAND RD FALL RIVER MA	<b>REV:</b>	
<b>CONTACT:</b> PACKARD, R		<b>ID1:</b>	S93-0132
		<b>ID2:</b>	4-1066
		<b>STATUS:</b>	
		<b>PHONE:</b>	
<b>CASE CLOSED?</b>	YES	<b>SPILL TIME:</b>	
<b>SPILL DATE:</b>		<b>REPORT TIME:</b>	04:45
<b>DATE REPORTED:</b>	19930303	<b>NOTIFIER PHONE:</b>	
<b>SPILL NOTIFIER:</b>	KEITH HAGE/MOBIL		
<b>SPILL DESCRIPTION:</b>			
<b>INCIDENT:</b> -----			
<b>MATERIAL SPILLED:</b>	OTHER MATERIAL -->	<b>ACTUAL AMT SPILLED:</b>	UNKNOWN GALLONS
<b>AMT RPTD SPILLED:</b>	UNKNOWN GALLONS	<b>VIR/WASTE:</b>	VIRGIN
<b>SOURCE OF SPILL:</b>	BELOW-GRND TANK		
<b>PET/HAZ:</b>	PETROLEUM		
<b>PCB LEVEL:</b>	NONE		
<b>ENVIRONMENTAL IMPACT:</b> SOIL			
<b>LUST?:</b>	NO	<b>SOIL CONTAMINATED?:</b>	
<b>CONTRACTOR:</b>	NOT USED	<b>PREPARE REPORT:</b>	
<b>DAYS/CLOSE:</b>	0		

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE

**SEARCH ID:** 35                                  **DIST/DIR:** 0.40 NE                                  **MAP ID:** 21

**NAME:** MOBIL STATION #01-240                                  **REV:** 8/1/01  
**ADDRESS:** 408 RHODE ISLAND AVE.                                  **ID1:** 4-0001066  
                    FALL\_RIVER MA    **ID2:**  
**CONTACT:**    **STATUS:** TIER 2  
   **PHONE:**

**SITE INFORMATION**

**LTBI:** 7/15/91                                  **CONFIRMED:** 7/15/91  
**DELETED:**    **REMOVED:**  
  
**CATEGORY:**                                  **2IE STATUS:** TIER 2  
**DATE:** 7/15/91                                  **2IE DATE:** 4/2/01  
**PHASE:** PHASE IV                                  **HAZMAT TYPE:** OIL

**RAO CLASS:**

**LOCATION TYPE:**  
**SOURCE:**  
**SITE DESCRIPTION:** GROUNDWATER RELEASE; CONTAINED IN A LUST; GAS STATION; GASOLINE PRESENT;

**OTHER CONTAMINATION:**  
**OTHER RELEASES:**  
**OTHER PROBLEMS:**  
**OTHER TYPE OF SITE:**

**CHEMICALS**

**SITE ACTIONS**

**TS DATE:** 4/25/1997  
**AUL RESTRICTION:**  
**LSP:** COLIN COOL  
**RA STATUS:**  
**RAS TYPE:** TIER2EXT  
**RAO CLASS:**  
  
**TS DATE:** 12/4/2000  
**AUL RESTRICTION:**  
**LSP:** ANN HEFFRON  
**RA STATUS:** MODIFIED, REVISED, OR UPDATED PLAN RECEIVED  
**RAS TYPE:** IRA: IMMEDIATE RESPONSE ACTION  
**RAO CLASS:**  
  
**TS DATE:** 10/20/2000  
**AUL RESTRICTION:**

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**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE

**SEARCH ID:** 35

**DIST/DIR:** 0.40 NE

**MAP ID:** 21

**NAME:** MOBIL STATION #01-240  
**ADDRESS:** 408 RHODE ISLAND AVE.  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0001066  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

**LSP:** ANN HEFFRON  
**RA STATUS:** WRITTEN PLAN RECEIVED  
**RAS TYPE:** IRA: IMMEDIATE RESPONSE ACTION  
**RAO CLASS:**

**TS DATE:** 3/15/2001  
**AUL RESTRICTION:**  
**LSP:** STEFAN SOKOL  
**RA STATUS:** COMPLETION STATEMENT RECEIVED  
**RAS TYPE:** PHASEIII  
**RAO CLASS:**

**TS DATE:** 4/10/2000  
**AUL RESTRICTION:**  
**LSP:** CHRISTOPHE HENRY  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** TIER2EXT  
**RAO CLASS:**

**TS DATE:** 3/18/1999  
**AUL RESTRICTION:**  
**LSP:** JAMES YOUNG  
**RA STATUS:** COMPLETION STATEMENT RECEIVED  
**RAS TYPE:** RAM: RELEASE ABATEMENT MEASURE  
**RAO CLASS:**

**TS DATE:** 4/12/1999  
**AUL RESTRICTION:**  
**LSP:** JAMES YOUNG  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** TIER2EXT  
**RAO CLASS:**

**TS DATE:** 4/2/2001  
**AUL RESTRICTION:**  
**LSP:** STEFAN SOKOL  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** TIER2EXT  
**RAO CLASS:**

**TS DATE:** 1/16/2001  
**AUL RESTRICTION:**

- Continued on next page -



**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE

**SEARCH ID:** 35

**DIST/DIR:** 0.40 NE

**MAP ID:** 21

**NAME:** MOBIL STATION #01-240  
**ADDRESS:** 408 RHODE ISLAND AVE.  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0001066  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

**LSP:** STEFAN SOKOL  
**RA STATUS:** COMPLETION STATEMENT RECEIVED  
**RAS TYPE:** PHASEII  
**RAO CLASS:**

**TS DATE:** 3/27/1998  
**AUL RESTRICTION:**  
**LSP:** JAMES YOUNG  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** TIER2EXT  
**RAO CLASS:**

**TS DATE:** 6/2/1999  
**AUL RESTRICTION:**  
**LSP:** JAMES YOUNG  
**RA STATUS:** SCOPE OF WORK RECEIVED  
**RAS TYPE:** PHASEII  
**RAO CLASS:**

*Environmental FirstSearch*  
*Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE

**SEARCH ID:** 36

**DIST/DIR:** 0.39 NE

**MAP ID:** 10

**NAME:** MOBIL STN 01-240 FMR  
**ADDRESS:** 408 RHODE ISLAND AVE  
FALL\_RIVER MA 02721

**REV:** 8/1/01  
**ID1:** 4-0011706  
**ID2:**  
**STATUS:** RTN CLOSED  
**PHONE:**

**CONTACT:**

SITE INFORMATION

**CATEGORY:** 72 HR  
**DATE:** 10/5/95  
**PHASE:** NO PHASE  
**21E STATUS:** RTN CLOSED  
**21E DATE:** 2/13/96  
**HAZMAT TYPE:** OIL

**RAO CLASS:**

**LOCATION TYPE:** COMMERCIAL,  
**SOURCE:** UST;  
**SITE DESCRIPTION:**

CHEMICALS

UNKNOWN CHEMICAL OF TYPE - OIL 3 INCH

SITE ACTIONS

**ACT DATE:** 02/13/1996  
**ACT USE LIMITATION:**  
**LSP:** ROBERT ANKSTITUS  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** IRA: IMMEDIATE RESPONSE ACTION  
**RAO TYPE:**

**ACT DATE:** 02/13/1996  
**ACT USE LIMITATION:**  
**LSP:** ROBERT ANKSTITUS  
**ACT STATUS:** RELATED TO A TIER CLASSIFIED SITE  
**ACT TYPE:** RAONR: RAO NOT REQUIRED  
**RAO TYPE:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE

**SEARCH ID:** 37                                      **DIST/DIR:** 0.15 NE                                      **MAP ID:** 5

<b>NAME:</b> NO LOCATION AID	<b>REV:</b> 8/1/01
<b>ADDRESS:</b> 245 WILLIAM CANNING BLVD FALL_RIVER MA	<b>ID1:</b> 4-0012164
	<b>ID2:</b>
<b>CONTACT:</b>	<b>STATUS:</b> RAO
	<b>PHONE:</b>

**SITE INFORMATION**

<b>CATEGORY:</b> 72 HR	<b>21E STATUS:</b> RAO	
<b>DATE:</b> 5/7/96	<b>21E DATE:</b> 12/24/96	
<b>PHASE:</b> NO PHASE	<b>HAZMAT TYPE:</b> OIL	

**RAO CLASS:** A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED  
**TO BACKGROUND**

**LOCATION TYPE:**  
**SOURCE:** UST;  
**SITE DESCRIPTION:**

**CHEMICALS**

GASOLINE 2500 PPM

**SITE ACTIONS**

**ACT DATE:** 07/08/1996  
**ACT USE LIMITATION:**  
**LSP:** DEBRA PHILLIPS  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** IRA: IMMEDIATE RESPONSE ACTION  
**RAO TYPE:**

**ACT DATE:** 12/24/1996  
**ACT USE LIMITATION:** NONE  
**LSP:** DEBRA PHILLIPS  
**ACT STATUS:** RAO STATEMENT RECEIVED  
**ACT TYPE:** RAO: RESPONSE ACTION OUTCOME  
**RAO TYPE:** A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED  
**TO BACKGROUND**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**STATE SPILLS SITE**

**SEARCH ID:** 38                      **DIST/DIR:** 0.42 NE                      **MAP ID:** 22

<b>NAME:</b> NO LOCATION AID	<b>REV:</b> 8/1/01
<b>ADDRESS:</b> 355 RHODE ISLAND AVE	<b>ID1:</b> 4-0012883
FALL_RIVER MA	<b>ID2:</b>
<b>CONTACT:</b>	<b>STATUS:</b> RAO
	<b>PHONE:</b>

**SITE INFORMATION**

<b>CATEGORY:</b> 120 DY	<b>21E STATUS:</b> RAO
<b>DATE:</b> 3/4/97	<b>21E DATE:</b> 3/12/98
<b>PHASE:</b> NO PHASE	<b>HAZMAT TYPE:</b> OIL

**RAO CLASS:** A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

**LOCATION TYPE:**  
**SOURCE:**  
**SITE DESCRIPTION:**

**CHEMICALS**

TOTAL PETROLEUM HYDROCARBONS (TPH)

**SITE ACTIONS**

**ACT DATE:** 02/01/2001  
**ACT USE LIMITATION:** NOTICE  
**LSP:** DENIS DAMORE  
**ACT STATUS:** ACTION AUDITED  
**ACT TYPE:** RAO: RESPONSE ACTION OUTCOME  
**RAO TYPE:** A3 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND AND AN ACTIVITY AND USE LIMITATION (AUL) HAS BEEN IMPLEMENTED

**ACT DATE:** 02/02/2001  
**ACT USE LIMITATION:**  
**LSP:** DENIS DAMORE  
**ACT STATUS:** ACTION AUDITED  
**ACT TYPE:** AUL: ACTIVITY AND USE LIMITATION  
**RAO TYPE:**

**ACT DATE:** 03/12/1998  
**ACT USE LIMITATION:**  
**LSP:** DENIS DAMORE  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** RAM: RELEASE ABATEMENT MEASURE  
**RAO TYPE:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**STATE SPILLS SITE**

**SEARCH ID:** 39

**DIST/DIR:** 0.06 NE

**MAP ID:** 14

**NAME:** PAPA GINOS  
**ADDRESS:** 340 BISHOP MARIANNO BLVD  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0001174  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

**SITE INFORMATION**

**LTBI:** 1/15/93  
**DELETED:**

**CONFIRMED:** 1/15/93  
**REMOVED:**

**CATEGORY:**  
**DATE:** 1/15/93  
**PHASE:** PHASE II

**21E STATUS:** TIER 2  
**21E DATE:** 8/7/97  
**HAZMAT TYPE:** HAZARDOUS MATERIAL

**RAO CLASS:**

**LOCATION TYPE:**

**SOURCE:**

**SITE DESCRIPTION:** RELEASE TO SOIL; GROUNDWATER RELEASE; LANDFILL; CHLORINATED SOLVENTS  
PRESENT; FORMER; ALTOGETHER UNCONTAINED;

**OTHER CONTAMINATION:**

**OTHER RELEASES:**

**OTHER PROBLEMS:**

**OTHER TYPE OF SITE:**

**CHEMICALS**

**SITE ACTIONS**

**TS DATE:** 8/7/1997  
**AUL RESTRICTION:**  
**LSP:** SAMUEL BUTCHER  
**RA STATUS:** COMPLETION STATEMENT RECEIVED  
**RAS TYPE:** PHASE I PHASE I  
**RAO CLASS:**

**TS DATE:** 8/7/1997  
**AUL RESTRICTION:**  
**LSP:** SAMUEL BUTCHER  
**RA STATUS:**  
**RAS TYPE:** TCLASS: TIER CLASSIFICATION  
**RAO CLASS:**

**TS DATE:** 8/7/1997  
**AUL RESTRICTION:**

- Continued on next page -

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE

**SEARCH ID:** 39

**DIST/DIR:** 0.06 NE

**MAP ID:** 14

**NAME:** PAPA GINOS  
**ADDRESS:** 340 BISHOP MARIANNO BLVD  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0001174  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

**LSP:** SAMUEL BUTCHER  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** LSP-FA  
**RAO CLASS:**

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE

**SEARCH ID:** 40                      **DIST/DIR:** 0.45 SE                      **MAP ID:** 23

<b>NAME:</b> PROPERTY	<b>REV:</b>
<b>ADDRESS:</b> CAROLINE/NAPOLEAN STS	<b>ID1:</b> S92-0921
FALL RIVER MA	<b>ID2:</b> 9-9999
BRISTOL	<b>STATUS:</b>
<b>CONTACT:</b> MORAN, M	<b>PHONE:</b>

<b>CASE CLOSED?</b> YES	<b>SPILL TIME:</b>
<b>SPILL DATE:</b>	<b>REPORT TIME:</b>
<b>DATE REPORTED:</b> 19921208	<b>NOTIFIER PHONE:</b>
<b>SPILL NOTIFIER:</b> HOWARD DAIGLE/EPO	

**SPILL DESCRIPTION:**

<b>INCIDENT:</b> OTHER RELEASE > UNKNOWN	
<b>MATERIAL SPILLED:</b> GASOLINE	
<b>AMT RPTD SPILLED:</b> -----	<b>ACTUAL AMT SPILLED:</b> -----
<b>SOURCE OF SPILL:</b> BELOW-GRND TANK	
<b>PET/HAZ:</b> PETROLEUM	<b>VIR/WASTE:</b> VIRGIN
<b>PCB LEVEL:</b> -----	

**ENVIRONMENTAL IMPACT:** SOIL

<b>LUST?:</b> NO	<b>SOIL CONTAMINATED?:</b>
<b>CONTRACTOR:</b> NOT USED	<b>PREPARE REPORT:</b>
<b>DAYS/CLOSE:</b> 0	

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE			
<b>SEARCH ID:</b> 41	<b>DIST/DIR:</b> 0.47 SE	<b>MAP ID:</b> 9	
<b>NAME:</b> PROPERTY		<b>REV:</b>	
<b>ADDRESS:</b> 272 CAROLINA ST		<b>ID1:</b>	S92-0936
FALL RIVER MA		<b>ID2:</b>	0000
BRISTOL		<b>STATUS:</b>	
<b>CONTACT:</b> PINAUD, L		<b>PHONE:</b>	
<b>CASE CLOSED?</b>	YES		
<b>SPILL DATE:</b>	19921209	<b>SPILL TIME:</b>	
<b>DATE REPORTED:</b>	19921209	<b>REPORT TIME:</b>	12:00PM
<b>SPILL NOTIFIER:</b>	BILL HOWARD/CLEAN HARBORS	<b>NOTIFIER PHONE:</b>	
<b>SPILL DESCRIPTION:</b>			
<b>INCIDENT:</b>	TANK REMOVAL		
<b>MATERIAL SPILLED:</b>	#6 FUEL OIL		
<b>AMT RPTD SPILLED:</b>	11-50 CUBIC YDS	<b>ACTUAL AMT SPILLED:</b>	-----
<b>SOURCE OF SPILL:</b>	BELOW-GRND TANK		
<b>PET/HAZ:</b>	PETROLEUM	<b>VIR/WASTE:</b>	VIRGIN
<b>PCB LEVEL:</b>	NONE		
<b>ENVIRONMENTAL IMPACT:</b>	SOIL		
<b>LUST?:</b>	NO	<b>SOIL CONTAMINATED?:</b>	
<b>CONTRACTOR:</b>	NOT USED	<b>PREPARE REPORT:</b>	
<b>DAYS/CLOSE:</b>	0		



**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE

**SEARCH ID:** 42                              **DIST/DIR:** 0.50 SE                              **MAP ID:** 24

<b>NAME:</b> PROPERTY	<b>REV:</b>
<b>ADDRESS:</b> NAPOLEON BLVD	<b>ID1:</b> S92-0593
FALL RIVER MA	<b>ID2:</b> 0000
BRISTOL	<b>STATUS:</b>
<b>CONTACT:</b> LEARY, J	<b>PHONE:</b>

<b>CASE CLOSED?</b> YES	<b>SPILL TIME:</b>
<b>SPILL DATE:</b> 19920821	<b>REPORT TIME:</b> 02:30PM
<b>DATE REPORTED:</b> 19920821	<b>NOTIFIER PHONE:</b>
<b>SPILL NOTIFIER:</b> HOWARD DAIGLE/EPO/FR	

**SPILL DESCRIPTION:**

<b>INCIDENT:</b> OTHER RELEASE > THREAT ONLY	
<b>MATERIAL SPILLED:</b> OTHER MATERIAL -->	
<b>AMT RPTD SPILLED:</b> -----	<b>ACTUAL AMT SPILLED:</b> -----
<b>SOURCE OF SPILL:</b> -----	
<b>PET/HAZ:</b> NEITHER	<b>VIR/WASTE:</b> -----
<b>PCB LEVEL:</b> -----	

**ENVIRONMENTAL IMPACT:**

<b>LUST?:</b> NO	<b>SOIL CONTAMINATED?:</b>
<b>CONTRACTOR:</b> NOT USED	<b>PREPARE REPORT:</b>
<b>DAYS/CLOSE:</b> 5	

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE

**SEARCH ID:** 43

**DIST/DIR:** 0.37 NE

**MAP ID:** 25

**NAME:** ROADWAY  
**ADDRESS:** RHODE ISLAND & TUCKER RDS  
FALL RIVER MA  
BRISTOL  
**CONTACT:** KEARNS, R

**REV:**  
**ID1:** S90-0669  
**ID2:** 4-1024  
**STATUS:**  
**PHONE:**

**CASE CLOSED?** YES  
**SPILL DATE:** 19900912  
**DATE REPORTED:** 19900912  
**SPILL NOTIFIER:** ELLIOT JACOB/EU

**SPILL TIME:** 10:30AM  
**REPORT TIME:** 12:20PM  
**NOTIFIER PHONE:**

**SPILL DESCRIPTION:**

**INCIDENT:** RUPTURE  
**MATERIAL SPILLED:** HYDRAULIC FLUID  
**AMT RPTD SPILLED:** 10-50 GALLONS  
**SOURCE OF SPILL:** PIPE/HOSE/LINE  
**PET/HAZ:** PETROLEUM  
**PCB LEVEL:** NONE

**ACTUAL AMT SPILLED:** UNKNOWN -----  
**VIR/WASTE:** VIRGIN

**ENVIRONMENTAL IMPACT:**

**LUST?:** NO  
**CONTRACTOR:** NOT USED  
**DAYS/CLOSE:** 1

**SOIL CONTAMINATED?:**  
**PREPARE REPORT:**

*Environmental FirstSearch*  
*Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE

**SEARCH ID:** 44

**DIST/DIR:** 0.39 NE

**MAP ID:** 10

**NAME:** SERVICE STATION  
**ADDRESS:** 408 RHODE ISLAND AVE  
FALL RIVER MA  
BRISTOL  
**CONTACT:** KEARNS, R

**REV:**  
**ID1:** S92-0412  
**ID2:** 0000  
**STATUS:**  
**PHONE:**

**CASE CLOSED?** YES  
**SPILL DATE:** 19920608  
**DATE REPORTED:** 19920609  
**SPILL NOTIFIER:** ROBIN BUNNS/MOBIL OIL

**SPILL TIME:** 05:30PM  
**REPORT TIME:** 08:30AM  
**NOTIFIER PHONE:**

**SPILL DESCRIPTION:**

**INCIDENT:**  
**MATERIAL SPILLED:**  
**AMT RPTD SPILLED:**  
**SOURCE OF SPILL:**  
**PET/HAZ:**  
**PCB LEVEL:**

**ACTUAL AMT SPILLED:**  
**VIR/WASTE:**

**ENVIRONMENTAL IMPACT:**

**LUST?:**  
**CONTRACTOR:**  
**DAYS/CLOSE:** 1

**SOIL CONTAMINATED?:**  
**PREPARE REPORT:**

# Environmental FirstSearch

## Site Detail Report

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

### STATE SPILLS SITE

**SEARCH ID:** 45

**DIST/DIR:** 0.37 NE

**MAP ID:** 16

**NAME:** SHELL SERV STATION  
**ADDRESS:** 33 BISHOP & TUCKER STS  
FALL RIVER MA  
BRISTOL  
**CONTACT:** BRENNAN, S

**REV:**  
**ID1:** S91-0106  
**ID2:** 4-1062  
**STATUS:**  
**PHONE:**

**CASE CLOSED?** YES  
**SPILL DATE:** 19910225  
**DATE REPORTED:** 19910227  
**SPILL NOTIFIER:** RICK HUMMEL

**SPILL TIME:**  
**REPORT TIME:** 12:45PM  
**NOTIFIER PHONE:**

**SPILL DESCRIPTION:**

**INCIDENT:** TANK REMOVAL  
**MATERIAL SPILLED:** GASOLINE  
**AMT RPTD SPILLED:** UNKNOWN -----  
**SOURCE OF SPILL:** U.S.T.  
**PET/HAZ:** PETROLEUM  
**PCB LEVEL:** NONE

**ACTUAL AMT SPILLED:** UNKNOWN -----  
**VIR/WASTE:** VIRGIN

**ENVIRONMENTAL IMPACT:** SOIL

**LUST?:** ---  
**CONTRACTOR:** NOT USED  
**DAYS/CLOSE:** 1

**SOIL CONTAMINATED?:**  
**PREPARE REPORT:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE

**SEARCH ID:** 46

**DIST/DIR:** 0.38 NE

**MAP ID:** 26

**NAME:** SHELL SERVICE STATION  
**ADDRESS:** 33 MARIANNO BISHOP BLVD  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0001062  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

SITE INFORMATION

**LTBI:** 7/15/93  
**DELETED:**

**CONFIRMED:** 7/15/93  
**REMOVED:**

**CATEGORY:**  
**DATE:** 7/15/93  
**PHASE:** PHASE II

**21E STATUS:** TIER 2  
**21E DATE:** 10/2/98  
**HAZMAT TYPE:** OIL

**RAO CLASS:**

**LOCATION TYPE:**  
**SOURCE:**  
**SITE DESCRIPTION:**

CHEMICALS

SITE ACTIONS

**TS DATE:** 7/24/1996  
**AUL RESTRICTION:**  
**LSP:** RICHARD KOWALSKI  
**RA STATUS:** COMPLETION STATEMENT RECEIVED  
**RAS TYPE:** PHASEI: PHASE I  
**RAO CLASS:**

**TS DATE:** 10/2/1998  
**AUL RESTRICTION:**  
**LSP:** THOMAS WILLIAMSON  
**RA STATUS:** TRANSMITTAL RECEIVED  
**RAS TYPE:** TIER2TRANS  
**RAO CLASS:**

**TS DATE:** 6/8/2000  
**AUL RESTRICTION:**  
**LSP:** THOMAS WILLIAMSON  
**RA STATUS:** SCOPE OF WORK RECEIVED  
**RAS TYPE:** PHASEII  
**RAO CLASS:**

- Continued on next page -

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE

**SEARCH ID:** 46

**DIST/DIR:** 0.38 NE

**MAP ID:** 26

**NAME:** SHELL SERVICE STATION  
**ADDRESS:** 33 MARIANNO BISHOP BLVD  
FALL\_RIVER MA

**REV:** 8/1/01  
**ID1:** 4-0001062  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

**TS DATE:** 7/24/1996  
**AUL RESTRICTION:**  
**LSP:** RICHARD KOWALSKI  
**RA STATUS:**  
**RAS TYPE:** TCLASS: TIER CLASSIFICATION  
**RAO CLASS:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**STATE SPILLS SITE**

**SEARCH ID:** 47

**DIST/DIR:** 0.17 SE

**MAP ID:** 27

**NAME:** SHOPING PLAZA  
**ADDRESS:** 416 WILLAM S CANNING BLVD  
FALL RIVER MA 02721

**REV:** 1/29/01  
**ID1:** 4-0000629  
**ID2:**  
**STATUS:** NFA  
**PHONE:**

**CONTACT:**

**SITE INFORMATION**

**LTBI:** 1/15/89  
**DELETED:**

**CONFIRMED:**  
**REMOVED:**

**CATEGORY:**  
**DATE:** 1/15/89  
**PHASE:** PHASE II

**21E STATUS:** NFA  
**21E DATE:** 8/2/95  
**HAZMAT TYPE:** OIL AND HAZARDOUS MATERIAL

**RAO CLASS:**

**LOCATION TYPE:**  
**SOURCE:**  
**SITE DESCRIPTION:**

**SITE ACTIONS**

**TS DATE:** 19950802 00:00:00  
**AUL RESTRICTION:**  
**LSP:** MELVILLE DICKENSON  
**RA STATUS:** COMPLETION STATEMENT RECEIVED  
**RAS TYPE:** PHASE I: PHASE I  
**RAO CLASS:**

**TS DATE:** 19950802 00:00:00  
**AUL RESTRICTION:**  
**LSP:** MELVILLE DICKENSON  
**RA STATUS:**  
**RAS TYPE:** LSP-NFA  
**RAO CLASS:**

***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE	
<b>SEARCH ID:</b> 48	<b>DIST/DIR:</b> 0.09 NW
<b>MAP ID:</b> 28	
<b>NAME:</b> STOP AND SHOP NO 403	<b>REV:</b> 8/1/01
<b>ADDRESS:</b> 333 MARIANO BISHOP BLVD FALL_RIVER MA 02721	<b>ID1:</b> 4-0013455
<b>CONTACT:</b>	<b>ID2:</b>
	<b>STATUS:</b> RAO
	<b>PHONE:</b>
<b><u>SITE INFORMATION</u></b>	
<b>CATEGORY:</b> 120 DY	<b>21E STATUS:</b> RAO
<b>DATE:</b> 10/24/97	<b>21E DATE:</b> 10/30/98
<b>PHASE:</b> NO PHASE	<b>HAZMAT TYPE:</b> HAZARDOUS MATERIAL
<b>RAO CLASS:</b> A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND	
<b>LOCATION TYPE:</b>	
<b>SOURCE:</b>	
<b>SITE DESCRIPTION:</b>	
<b><u>CHEMICALS</u></b>	
INDENO(1,2,3-CD)PYRENE .91 PPM	
UNKNOWN CHEMICAL OF UNKNOWN TYPE 1.4 PPM	
UNKNOWN CHEMICAL OF UNKNOWN TYPE 1.3 PPM	
UNKNOWN CHEMICAL OF UNKNOWN TYPE .8 PPM	
<b><u>SITE ACTIONS</u></b>	
<b>ACT DATE:</b> 11/03/1998	
<b>ACT USE LIMITATION:</b> NONE	
<b>LSP:</b> STEVEN MIGRIDICHIAN	
<b>ACT STATUS:</b> FEE RECEIVED	
<b>ACT TYPE:</b> RAO: RESPONSE ACTION OUTCOME	
<b>RAO TYPE:</b> A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND	
<b>ACT DATE:</b> 03/12/1998	
<b>ACT USE LIMITATION:</b>	
<b>LSP:</b> LAWRENCE LESSARD	
<b>ACT STATUS:</b> COMPLETION STATEMENT RECEIVED	
<b>ACT TYPE:</b> RAM: RELEASE ABATEMENT MEASURE	
<b>RAO TYPE:</b>	



***Environmental FirstSearch  
Site Detail Report***

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

STATE SPILLS SITE

**SEARCH ID:** 49                      **DIST/DIR:** 0.40 NE                      **MAP ID:** 29

<b>NAME:</b>	SULLIVAN TIRE CO	<b>REV:</b>	
<b>ADDRESS:</b>	210 TUCKER ST	<b>ID1:</b>	S90-0142
	FALL RIVER MA	<b>ID2:</b>	4-1046
	BRISTOL	<b>STATUS:</b>	
<b>CONTACT:</b>	PINAUD, L	<b>PHONE:</b>	

<b>CASE CLOSED?</b>	YES	<b>SPILL TIME:</b>	10:00AM
<b>SPILL DATE:</b>	19900307	<b>REPORT TIME:</b>	10:00AM
<b>DATE REPORTED:</b>	19900307	<b>NOTIFIER PHONE:</b>	
<b>SPILL NOTIFIER:</b>	STEVE LIND/GALE ASSOC		

**SPILL DESCRIPTION:**

<b>INCIDENT:</b>	TANK REMOVAL		
<b>MATERIAL SPILLED:</b>	WASTE OIL		
<b>AMT RPTD SPILLED:</b>	UNKNOWN GALLONS	<b>ACTUAL AMT SPILLED:</b>	UNKNOWN GALLONS
<b>SOURCE OF SPILL:</b>	U.S.T.		
<b>PET/HAZ:</b>	PETROLEUM	<b>VIR/WASTE:</b>	WASTE
<b>PCB LEVEL:</b>	NONE		

**ENVIRONMENTAL IMPACT:** SOIL

<b>LUST?:</b>	---	<b>SOIL CONTAMINATED?:</b>	
<b>CONTRACTOR:</b>	NOT USED	<b>PREPARE REPORT:</b>	
<b>DAYS/CLOSE:</b>	85		





*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

SOLID WASTE LANDFILL SITE

**SEARCH ID:** 52

**DIST/DIR:** 0.24 NW

**MAP ID:** 31

**NAME:** FALL RIVER DEMOLITION LANDFILL  
**ADDRESS:** LAUREL/MESSON STS  
FALL RIVER MA

**REV:** 6/01/01  
**ID1:** DL0095.001  
**ID2:**  
**STATUS:** INACTIVE  
**PHONE:**

**CONTACT:**

OWNER INFORMATION

**OWNER:** **TYPE OF OWNER:** PRIVATE  
**OWNER ADDRESS:**  
**OWNER CONTACT:** **OWNER PHONE:**

OPERATOR INFORMATION

**OPERATOR:**  
**OPERATOR ADDRESS:**  
**OPERATOR CONTACT:** **OPERATOR PHONE:**

SITE INFORMATION

**YEAR OPENED:** 0  
**YEAR OPERATIONS CEASED:** 1968  
**OPERATIONAL PLAN/PERMIT?:**  
**PLAN/PERMIT APPROVAL DATE:**  
**TYPE OF LANDFILL:** DEMOLI  
**TONS PER DAY OF SOLID WASTE SITE MAY HANDLE OR DISPOSE:** 0  
**SITE SIZE ASSIGNED BY LOCAL BOARD OF HEALTH:** 0 ACRES  
**SITE SIZE APPROVED BY DEP:** 0 ACRES  
**LEACHATE COLL.:** **LINER?:** Not Lined  
**CAPPING TYPE:** Not Capped  
**CAPPING TYPE:** Not Capped

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 53                      **DIST/DIR:** 0.15 NE                      **MAP ID:** 5

<b>NAME:</b> EMPIRE CHEVROLET INC	<b>REV:</b> 1/18/02
<b>ADDRESS:</b> 245 WILLIAM S CANNING BLVD FALL RIVER MA 02721	<b>ID1:</b> 0-003192
	<b>ID2:</b> 5095
	<b>STATUS:</b>
<b>CONTACT:</b>	<b>PHONE:</b>

**TOTAL NUMBER OF TANKS:** 3

**OWNER INFORMATION**

**OWNER NAME:** EMPIRE CHEVROLET INC  
**OWNER ADDRESS:** 245 WM S CANNING BLVD  
FALL RIVER MA 02721

**FACILITY TYPE:** Vehicle Dealer  
**WORK PHONE:** (617) 336-8916

**TANK INFORMATION**

**TANK NUMBER:** 1  
**TANK STATUS:** REMOVED  
**SERIAL NUMBER:**  
**ABOVE GROUND:** N  
**CAPACITY(GAL):** 2000  
**CONTENTS:** GASOLINE  
**USE:**  
**TANK MATERIAL:** STEEL  
**TANK TYPE:**  
**LEAK DETECTION:**

**PIPE MATERIAL:**  
**PIPE TYPE:**  
**LEAK DETECTION:**

**TANK NUMBER:** 2  
**TANK STATUS:** REMOVED  
**SERIAL NUMBER:**  
**ABOVE GROUND:** N  
**CAPACITY(GAL):** 2000  
**CONTENTS:** GASOLINE  
**USE:**  
**TANK MATERIAL:** STEEL  
**TANK TYPE:**  
**LEAK DETECTION:**

**PIPE MATERIAL:**  
**PIPE TYPE:**  
**LEAK DETECTION:**

**TANK NUMBER:** 3

*- Continued on next page -*

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

REGISTERED UNDERGROUND STORAGE TANKS

**SEARCH ID:** 53

**DIST/DIR:** 0.15 NE

**MAP ID:** 5

**NAME:** EMPIRE CHEVROLET INC  
**ADDRESS:** 245 WILLIAM S CANNING BLVD  
FALL RIVER MA 02721

**REV:** 1/18/02  
**ID1:** 0-003192  
**ID2:** 5095

**CONTACT:**

**STATUS:**  
**PHONE:**

**TANK STATUS:** REMOVED  
**SERIAL NUMBER:**  
**ABOVE GROUND:** N  
**CAPACITY(GAL):** 2000  
**CONTENTS:** GASOLINE  
**USE:**  
**TANK MATERIAL:** STEEL  
**TANK TYPE:**  
**LEAK DETECTION:**

**PIPE MATERIAL:**  
**PIPE TYPE:**  
**LEAK DETECTION:**

*Environmental FirstSearch*  
*Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

REGISTERED UNDERGROUND STORAGE TANKS

**SEARCH ID:** 54

**DIST/DIR:** 0.21 NE

**MAP ID:** 6

**NAME:** KMART #3401  
**ADDRESS:** ROUTE 81  
FALL RIVER MA 02721

**REV:** 1/18/02  
**ID1:** 0-003183  
**ID2:** 5095

**CONTACT:**

**STATUS:**  
**PHONE:**

**TOTAL NUMBER OF TANKS:** 1

**OWNER INFORMATION**

**OWNER NAME:** K-MART CORP  
**OWNER ADDRESS:** 310 W BIG BEAVER RD  
TROY MI 48084

**FACILITY TYPE:** Other  
**WORK PHONE:** (617) 679-2111

**TANK INFORMATION**

**TANK NUMBER:** 1  
**TANK STATUS:** REMOVED  
**SERIAL NUMBER:**  
**ABOVE GROUND:** N  
**CAPACITY(GAL):** 500  
**CONTENTS:** WASTE OIL  
**USE:**  
**TANK MATERIAL:** STEEL  
**TANK TYPE:**  
**LEAK DETECTION:**

**PIPE MATERIAL:** STEEL  
**PIPE TYPE:**  
**LEAK DETECTION:**

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 55

**DIST/DIR:** 0.09 NW

**MAP ID:** 28

**NAME:** STOP & SHOP SUPERMARKET #403  
**ADDRESS:** 333 MARIANO S BISHOP BLVD  
FALL RIVER MA 02720  
BRISTOL

**REV:** 1/18/02  
**ID1:** 0-022080  
**ID2:** 5095

**CONTACT:**

**STATUS:**  
**PHONE:**

**TOTAL NUMBER OF TANKS:** 1

**OWNER INFORMATION**

**OWNER NAME:** THE STOP & SHOP SUPERMARKET CO  
**OWNER ADDRESS:** 1385 HANCOCK ST  
QUINCY MA 02169

**FACILITY TYPE:** Gas Station  
**WORK PHONE:** (617) 770-8673

**TANK INFORMATION**

**TANK NUMBER:** 1  
**TANK STATUS:** IN USE  
**SERIAL NUMBER:**  
**ABOVE GROUND:** N  
**CAPACITY(GAL):** 20000  
**CONTENTS:** GASOLINE  
**USE:** MV  
**TANK MATERIAL:** REINFORCED  
**TANK TYPE:** 2 WALLS  
**LEAK DETECTION:** I  
  
**PIPE MATERIAL:** REINFORCED  
**PIPE TYPE:** 1 WALL  
**LEAK DETECTION:** I



**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 56

**DIST/DIR:** 0.21 NE

**MAP ID:** 30

**NAME:** TEXACO SERVICE LOC #11-143-0120  
**ADDRESS:** CANNING BLVD & LAWTON ST  
FALL RIVER MA 02721

**REV:** 1/18/02  
**ID1:** 0-003235  
**ID2:** 5095

**CONTACT:**

**STATUS:**  
**PHONE:**

**TOTAL NUMBER OF TANKS:** 4

**OWNER INFORMATION**

**OWNER NAME:** MOTIVA ENTERPRISES LLC  
**OWNER ADDRESS:** 798 HADDONFIELD-BERLIN RD  
CHERRY HILL NJ 08034

**FACILITY TYPE:** Gas Station  
**WORK PHONE:** (860) 568-5851

**TANK INFORMATION**

**TANK NUMBER:** 1  
**TANK STATUS:** IN USE  
**SERIAL NUMBER:**  
**ABOVE GROUND:** N  
**CAPACITY(GAL):** 10000  
**CONTENTS:** GASOLINE  
**USE:** MV  
**TANK MATERIAL:** REINFORCED  
**TANK TYPE:** 1 WALL  
**LEAK DETECTION:** A

**PIPE MATERIAL:** REINFORCED  
**PIPE TYPE:** 2 WALLS  
**LEAK DETECTION:** I

**TANK NUMBER:** 2  
**TANK STATUS:** IN USE  
**SERIAL NUMBER:**  
**ABOVE GROUND:** N  
**CAPACITY(GAL):** 10000  
**CONTENTS:** GASOLINE  
**USE:** MV  
**TANK MATERIAL:** REINFORCED  
**TANK TYPE:** 1 WALL  
**LEAK DETECTION:** A

**PIPE MATERIAL:** REINFORCED  
**PIPE TYPE:** 2 WALLS  
**LEAK DETECTION:** I

**TANK NUMBER:** 3

- Continued on next page -

**Environmental FirstSearch**  
**Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

REGISTERED UNDERGROUND STORAGE TANKS

**SEARCH ID:** 56

**DIST/DIR:** 0.21 NE

**MAP ID:** 30

**NAME:** TEXACO SERVICE LOC #11-143-0120  
**ADDRESS:** CANNING BLVD & LAWTON ST  
FALL RIVER MA 02721

**REV:** 1/18/02  
**ID1:** 0-003235  
**ID2:** 5095

**CONTACT:**

**STATUS:**  
**PHONE:**

**TANK STATUS:** IN USE  
**SERIAL NUMBER:**  
**ABOVE GROUND:** N  
**CAPACITY(GAL):** 10000  
**CONTENTS:** GASOLINE  
**USE:** MV  
**TANK MATERIAL:** REINFORCED  
**TANK TYPE:** 1 WALL  
**LEAK DETECTION:** A

**PIPE MATERIAL:** REINFORCED  
**PIPE TYPE:** 2 WALLS  
**LEAK DETECTION:** I

**TANK NUMBER:** 4  
**TANK STATUS:** IN USE  
**SERIAL NUMBER:**  
**ABOVE GROUND:** N  
**CAPACITY(GAL):** 10000  
**CONTENTS:** DIESEL  
**USE:** MV  
**TANK MATERIAL:** REINFORCED  
**TANK TYPE:** 1 WALL  
**LEAK DETECTION:** A

**PIPE MATERIAL:** REINFORCED  
**PIPE TYPE:** 2 WALLS  
**LEAK DETECTION:** I

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 57

**DIST/DIR:** 0.13 NW

**MAP ID:** 32

**NAME:** ZAYRE DEPT STORE #122  
**ADDRESS:** 181 MARIANO S BISHOP BLVD  
FALL RIVER MA 02721

**REV:** 1/18/02  
**ID1:** 0-003181  
**ID2:** 5095

**CONTACT:**

**STATUS:**  
**PHONE:**

**TOTAL NUMBER OF TANKS:** 1

**OWNER INFORMATION**

**OWNER NAME:** ZAYRE CORP  
**OWNER ADDRESS:** 770 COCHITUATE RD  
FRAMINGHAM MA 01701

**FACILITY TYPE:** Other  
**WORK PHONE:** (617) 678-7621

**TANK INFORMATION**

**TANK NUMBER:** 1  
**TANK STATUS:** REMOVED  
**SERIAL NUMBER:**  
**ABOVE GROUND:** N  
**CAPACITY(GAL):** 500  
**CONTENTS:** WASTE OIL

**USE:**  
**TANK MATERIAL:**  
**TANK TYPE:**  
**LEAK DETECTION:**

**PIPE MATERIAL:**  
**PIPE TYPE:**  
**LEAK DETECTION:**

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

SCHOOL		
<b>SEARCH ID:</b> 58	<b>DIST/DIR:</b> 0.44 NE	<b>MAP ID:</b> 33
<b>NAME:</b> LORD JUNIOR HIGH SCHOOL	<b>REV:</b>	
<b>ADDRESS:</b> MA	<b>ID1:</b> 561	
	<b>ID2:</b>	
<b>CONTACT:</b>	<b>STATUS:</b>	
	<b>PHONE:</b>	
NO DETAILS AVAILABLE		

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

**TARGET SITE:** 350 MARIANO BISHOP BLVD  
FALL RIVER MA 02721

**JOB:** 40567

<b>Street Name</b>	<b>Dist/Dir</b>	<b>Street Name</b>	<b>Dist/Dir</b>
Amity St	0.02 SE		
Anthony St	0.18 NE		
Carl St	0.18 NE		
Henry St	0.13 NW		
Laurel St	0.19 NW		
Lawton St	0.22 NE		
Mariano Bishop Blvd	0.06 NW		
Mate Dr	0.16 SW		
Mc Mahon St	0.05 SW		
Mitchell Dr	0.25 NW		
Newton St	0.06 NW		
Pondview Dr	0.24 NW		
Watson Way	0.10 SW		
William S Canning Bl	0.14 NE		



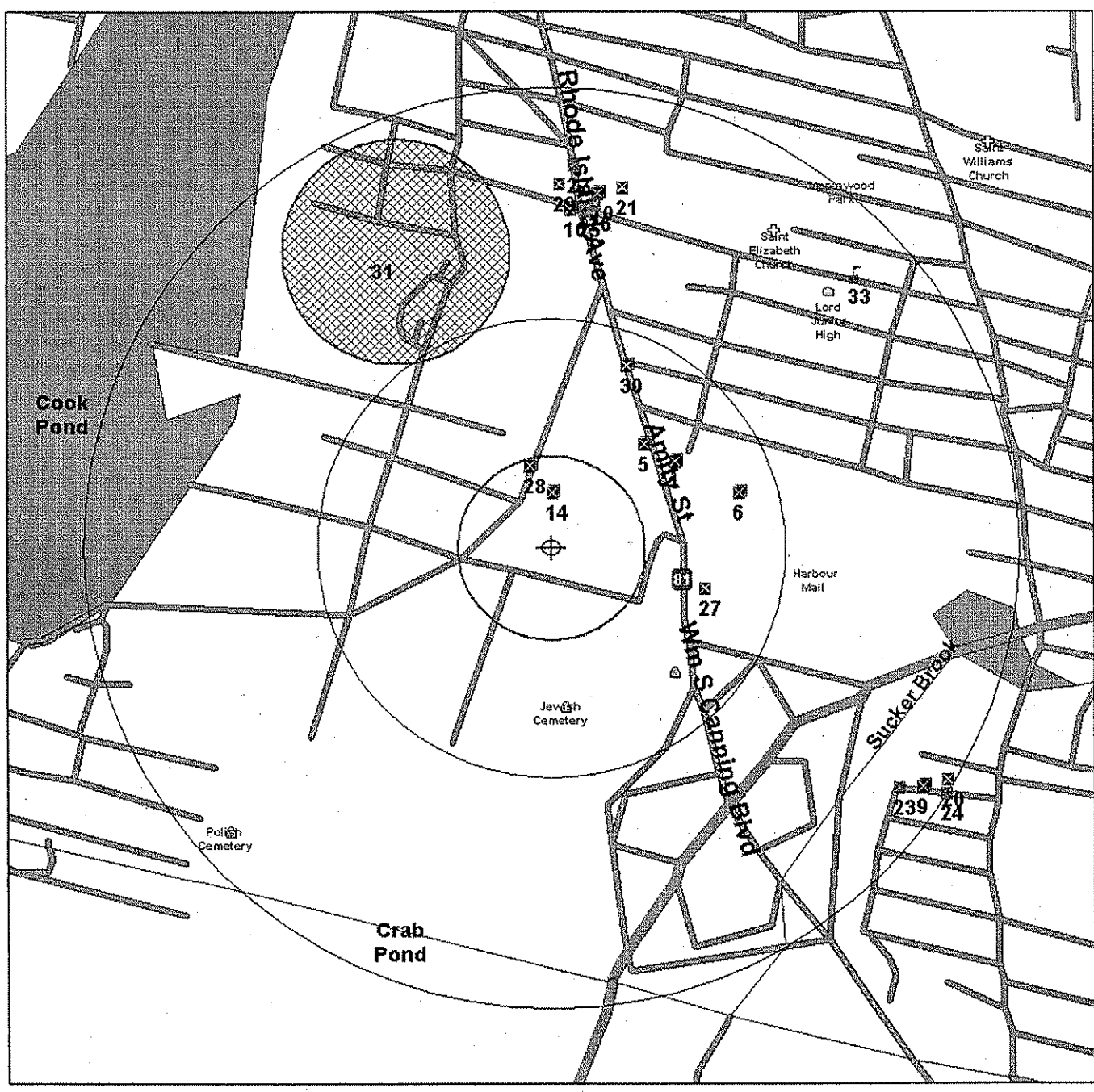
# Environmental FirstSearch

.5 Mile Radius

ASTM Map: CERCLIS, RCRATSD, SPILLS90, SWL



## 350 MARIANO BISHOP BLVD, FALL RIVER MA 02721



Source: 1999 U.S. Census TIGER Files

- Target Site (Latitude: 41.672483 Longitude: -71.163559) .....
- Identified Site, Multiple Sites, Receptor .....
- NPL, Solid Waste Landfill (SWL) or Hazardous Waste .....
- Railroads .....

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

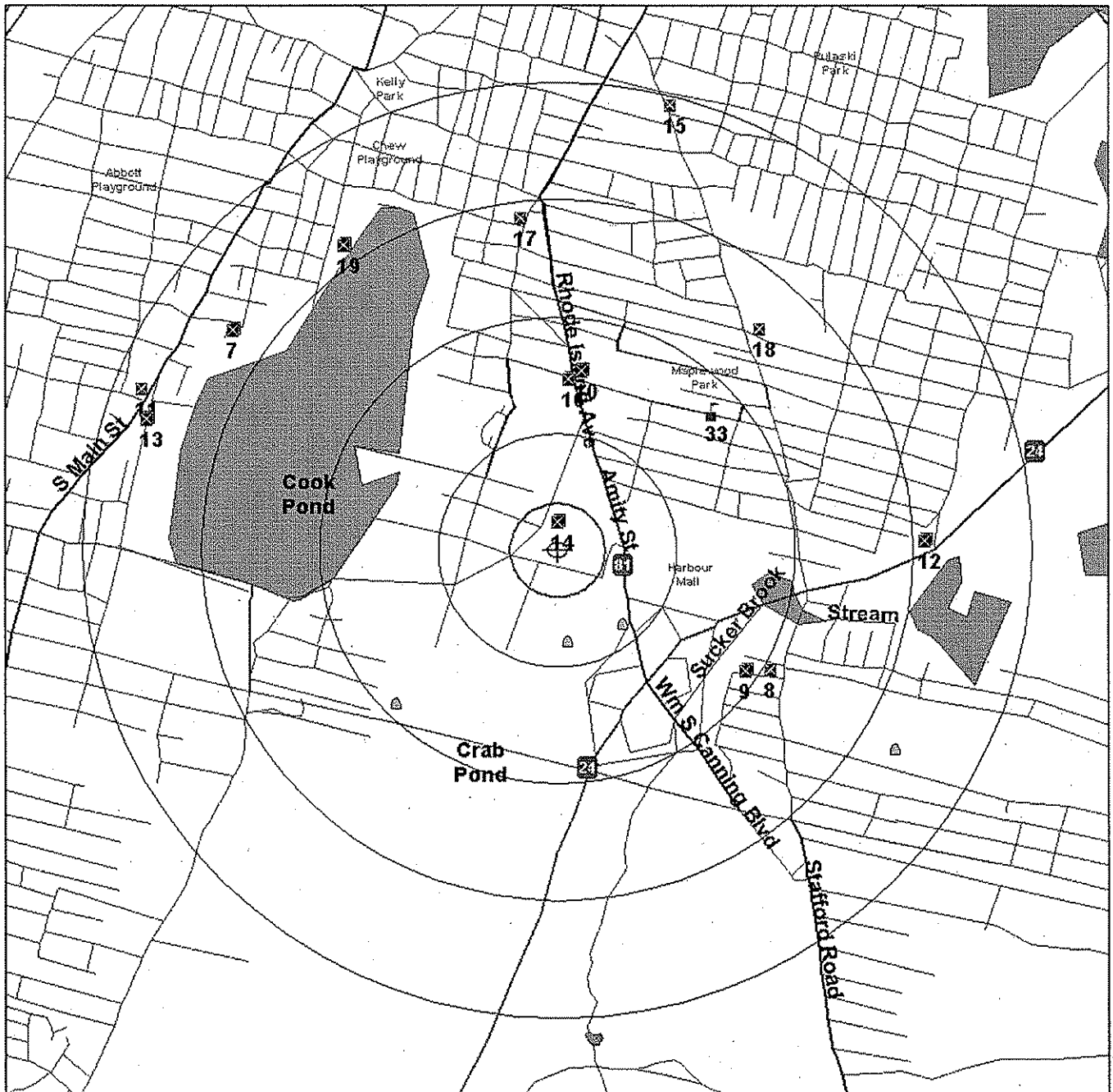


# Environmental FirstSearch

1 Mile Radius  
ASTM Map: NPL, RCRACOR, STATE Sites



350 MARIANO BISHOP BLVD, FALL RIVER MA 02721



Source: 1999 U.S. Census TIGER Files

- Target Site (Latitude: 41.672483 Longitude: -71.163559) .....
  - Identified Site, Multiple Sites, Receptor .....
  - NPL, Solid Waste Landfill (SWL) or Hazardous Waste .....
  - Railroads .....
- Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius



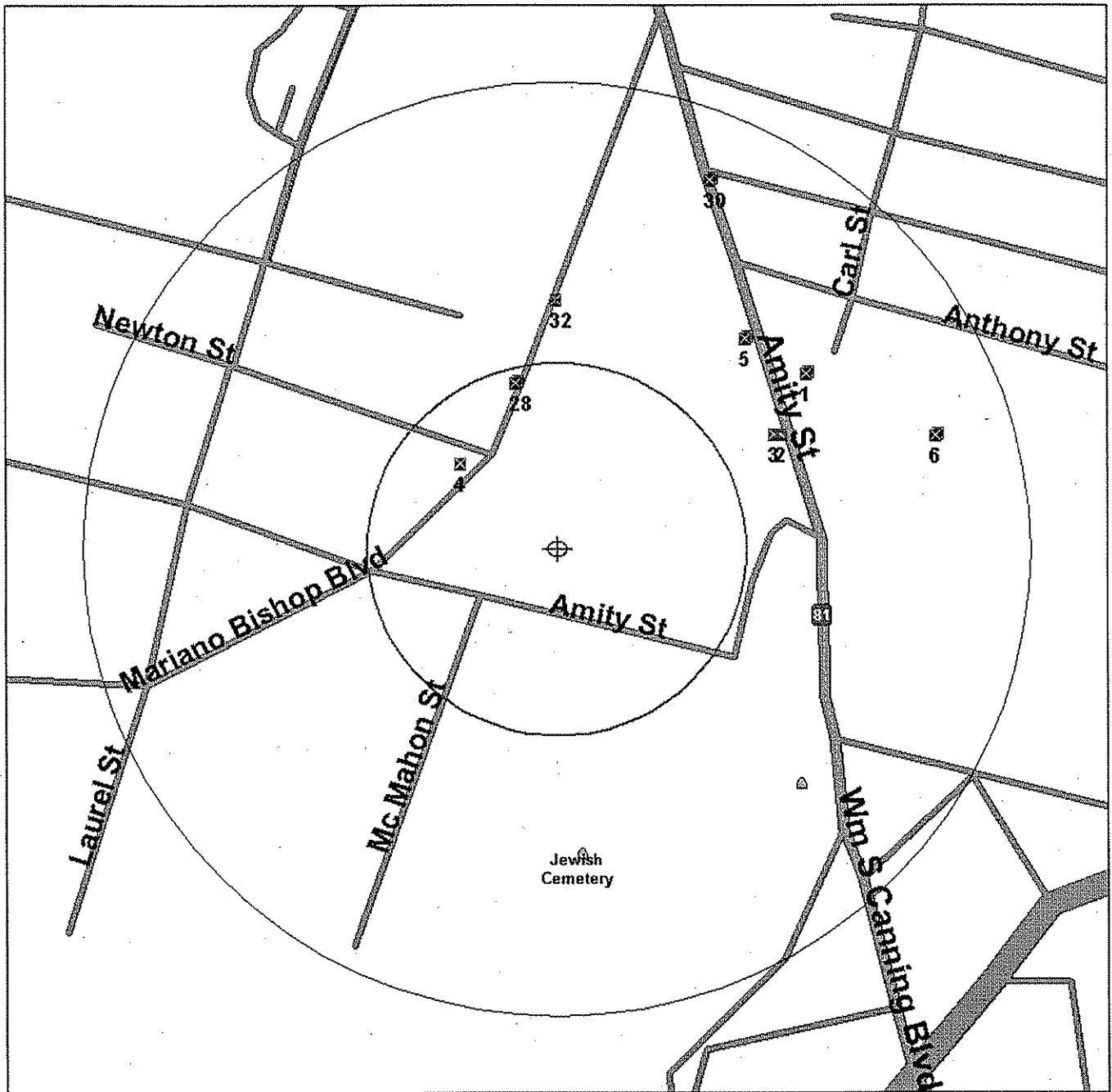
# Environmental FirstSearch

.25 Mile Radius

ASTM Map: RC-RAGEN, ERNS, UST



350 MARIANO BISHOP BLVD, FALL RIVER MA 02721



Source: 1999 U.S. Census TIGER Files

Target Site (Latitude: 41.672483 Longitude: -71.163559) .....

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

NPL, Solid Waste Landfill (SWL) or Hazardous Waste .....

Railroads .....

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





# Appendix D

## MADEP Review Documentation

## Column Heading Definitions

<b>Acres DEP/BOH</b>	Number of DEP approved acres for solid waste fill for the most recent cell or the entire landfill (Acres DEP), and the acreage site assigned by the municipality's Board of Health (Acres BOH). Particularly for Inactive or Closed landfills, the acres may refer to the landfill footprint.
<b>Capping Info</b>	Status of landfill cap; Completely Capped, Partially Capped, Not Capped, or Capping Unknown. When available, 'Capped' is followed by the year capping was completed. Also when available, the date that DEP Certified the cap complete is shown under the Cap Status.
<b>Close Year</b>	Year the landfill ceased disposing of solid waste.
<b>DEP Region</b>	DEP's Regional offices: Central - Worcester (80 Towns) Northeast - Wilmington (95 Towns) Southeast - Lakeville (75 Towns) Western - Springfield (101 Towns)
<b>ID</b>	Unique identification number assigned to each solid waste management facility.
<b>Landfill Type</b>	Type of solid waste landfill; SL - MSW (Municipal Solid Waste) Landfill DL - Demolition Landfill AL - Ash Landfill SD - Stump Landfill SG - Sludge Landfill
<b>Liner</b>	Liner means a barrier between the solid waste fill and the underlying soil. A "Lined" landfill indicates that all or some portion of the landfill is lined, while 'Unlined' means that no part of the landfill is lined.
<b>Open Year</b>	Year the landfill began disposing of solid waste.
<b>Operator Info</b>	Name of Site Operator, address, contact person, and phone number.
<b>Operator Type</b>	Type of operator; Federal, Municipal, Private or State.
<b>Owner Info</b>	Name of Site Owner, address, contact person, and phone number.
<b>Owner Type</b>	Type of owner; Federal, Municipal, Private or State.
<b>Site Info</b>	Facility Name, address, contact person, phone number.
<b>Status</b>	Identifies whether the facility is current operating; Active, Inactive, Closed or Proposed. All the landfills on this list are either Inactive or Closed. Inactive - Not operating, not completely capped Closed - Properly closed and capped according to DEP regulations at the time operations ceased
<b>Tons-Per-Day</b>	Tons-Per-Day (TPD) of solid waste for disposed based on the landfill's last operating permit or last reported operating rate when available.
<b>Town</b>	Municipality the facility is located in.

SITE INFO			OWNER INFO			OPERATOR INFO		
ERVING	ERM SLUDGE LANDFILL		Sludge Landfill	Private	Private	Private	Private	Private
SG0091.001	ZILINSKI RD ERVING, MA 01344	Western 1976	Not Lined 1 / 1 Acres Not Capped	ERVING PAPER MILLS (EPM) 97 EAST MAIN ST ERVING, MA 01344 BEN THOMPSON	ERVING PAPER MILLS (EPM) 97 EAST MAIN ST ERVING, MA 01344 BEN THOMPSON	ERVING PAPER MILLS (EPM) 97 EAST MAIN ST ERVING, MA 01344 BEN THOMPSON	ERVING PAPER MILLS (EPM) 97 EAST MAIN ST ERVING, MA 01344 BEN THOMPSON	ERVING PAPER MILLS (EPM) 97 EAST MAIN ST ERVING, MA 01344 BEN THOMPSON
ERVING	ERVING LANDFILL	Unknown TPD	MSW Landfill	Municipal	Municipal	Municipal	Municipal	Municipal
SL0091.002	MAPLE ST ERVING, MA 01344	Western Closed unknown 1981	Not Lined 5 / 5 Acres Capped	TOWN OF ERVING 12 EAST MAIN ST, PO BOX 188 ERVING, MA 01344 DANIEL HAMMOCK, BOS CHAIR (413)544-3636	TOWN OF ERVING 12 EAST MAIN ST, PO BOX 188 ERVING, MA 01344 DANIEL HAMMOCK, BOS CHAIR (413)544-3636	TOWN OF ERVING 12 EAST MAIN ST, PO BOX 188 ERVING, MA 01344 ROBERT MINER, DPW DIR (413)544-3636	TOWN OF ERVING 12 EAST MAIN ST, PO BOX 188 ERVING, MA 01344 ROBERT MINER, DPW DIR (413)544-3636	TOWN OF ERVING 12 EAST MAIN ST, PO BOX 188 ERVING, MA 01344 ROBERT MINER, DPW DIR (413)544-3636
ESSEX	ESSEX LANDFILL	Unknown TPD	MSW Landfill	Municipal	Municipal	Municipal	Municipal	Municipal
SL0092.001	LANDING RD ESSEX, MA 01929	Northeast Inactive unknown 1985	Not Lined 0 / 14 Acres Not Capped	TOWN OF ESSEX MARTIN STREET ESSEX, MA 01929 BRUCE JULIAN, DPW DIRECTOR (978)768-6262	TOWN OF ESSEX MARTIN STREET ESSEX, MA 01929 BRUCE JULIAN, DPW DIRECTOR (978)768-6262	TOWN OF ESSEX MARTIN STREET ESSEX, MA 01929 BRUCE JULIAN, DPW DIRECTOR (978)768-6262	TOWN OF ESSEX MARTIN STREET ESSEX, MA 01929 BRUCE JULIAN, DPW DIRECTOR (978)768-6262	TOWN OF ESSEX MARTIN STREET ESSEX, MA 01929 BRUCE JULIAN, DPW DIRECTOR (978)768-6262
ESSEX	ESSEX DUMP	4 TPD	MSW Landfill	Municipal	Municipal	Municipal	Municipal	Municipal
SL0092.002	MARTIN ST (RTE 22) ESSEX, MA 01929	Northeast Inactive unknown	Not Lined Acreage Unknown Unknown Cap	TOWN OF ESSEX MARTIN STREET ESSEX, MA 01929 BRUCE JULIAN, DPW DIRECTOR (978)768-6531	TOWN OF ESSEX MARTIN STREET ESSEX, MA 01929 BRUCE JULIAN, DPW DIRECTOR (978)768-6531	TOWN OF ESSEX MARTIN STREET ESSEX, MA 01929 BRUCE JULIAN, DPW DIRECTOR (978)768-6531	TOWN OF ESSEX MARTIN STREET ESSEX, MA 01929 BRUCE JULIAN, DPW DIRECTOR (978)768-6531	TOWN OF ESSEX MARTIN STREET ESSEX, MA 01929 BRUCE JULIAN, DPW DIRECTOR (978)768-6531
EVERETT	EVERETT LANDFILL	Unknown TPD	MSW Landfill	Private	Private	Municipal	Municipal	Municipal
SL0093.001	2835 REVERE BCH PKWY (RTE 16) EVERETT, MA 02149	Northeast Inactive unknown 1963	Not Lined Acreage Unknown Unknown Cap	TEXTRON SYSTEMS 201 LOWELL ST WILMINGTON, MA 01887 ROBERT MAGGIANI, ENV COORD (978)657-2477	TEXTRON SYSTEMS 201 LOWELL ST WILMINGTON, MA 01887 ROBERT MAGGIANI, ENV COORD (978)657-2477	CITY OF EVERETT 484 BROADWAY EVERETT, MA 02149 DANIEL RISTEEN, DPW DIRECTOR (617)389-2100	CITY OF EVERETT 484 BROADWAY EVERETT, MA 02149 DANIEL RISTEEN, DPW DIRECTOR (617)389-2100	CITY OF EVERETT 484 BROADWAY EVERETT, MA 02149 DANIEL RISTEEN, DPW DIRECTOR (617)389-2100
FAIRHAVEN	FAIRHAVEN LANDFILL	Unknown TPD	MSW Landfill	Municipal	Municipal	Private	Private	Private
SL0094.001	190 BRIDGE ST FAIRHAVEN, MA 02719 MARK POPHAM, OPS DIR (508)990-1135	Southeast Inactive 1925	Not Lined 13 / 30 Acres Not Capped	TOWN OF FAIRHAVEN 40 CENTER ST FAIRHAVEN, MA 02719 PATRICIA FOWLE, HEALTH AGENT (508)979-4022	TOWN OF FAIRHAVEN 40 CENTER ST FAIRHAVEN, MA 02719 PATRICIA FOWLE, HEALTH AGENT (508)979-4022	BIOSAFE INC 10 FAWCETT ST CAMBRIDGE, MA 02138 MARK POPHAM, OPS DIR (617)497-4500	BIOSAFE INC 10 FAWCETT ST CAMBRIDGE, MA 02138 MARK POPHAM, OPS DIR (617)497-4500	BIOSAFE INC 10 FAWCETT ST CAMBRIDGE, MA 02138 MARK POPHAM, OPS DIR (617)497-4500
FALL RIVER	FALL RIVER DEMOLITION LANDFILL	Unknown TPD	Demolition Landfill	Private	Private	Unknown	Unknown	Unknown
DL0095.001	LAUREL/MESSON STS FALL RIVER, MA 02722	Southeast Inactive unknown 1968	Not Lined Acreage Unknown Not Capped					
FALL RIVER	FALL RIVER LANDFILL	Unknown TPD	MSW Landfill	Municipal	Municipal	Municipal	Municipal	Municipal
SL0095.004	ORCHARD ST FALL RIVER, MA 02722	Southeast Inactive unknown	Not Lined Acreage Unknown Unknown Cap	CITY OF FALL RIVER ONE GOVERNMENT CENTER FALL RIVER, MA 02722 RONALD COSTA, DPW DIRECTOR (508)324-2000	CITY OF FALL RIVER ONE GOVERNMENT CENTER FALL RIVER, MA 02722 RONALD COSTA, DPW DIRECTOR (508)324-2000	CITY OF FALL RIVER ONE GOVERNMENT CENTER FALL RIVER, MA 02722 RONALD COSTA, DPW DIRECTOR (508)324-2000	CITY OF FALL RIVER ONE GOVERNMENT CENTER FALL RIVER, MA 02722 RONALD COSTA, DPW DIRECTOR (508)324-2000	CITY OF FALL RIVER ONE GOVERNMENT CENTER FALL RIVER, MA 02722 RONALD COSTA, DPW DIRECTOR (508)324-2000

Phase I  
Papa Gino's  
7/22/92

## EXECUTIVE SUMMARY

The objective of the Phase I Limited Site Investigation was to evaluate the 340 Mariano S. Bishop Boulevard property for the potential presence of hazardous material or oil with regard to Massachusetts General Law, Chapter 21E (MGL c.21E). The work performed by GEI Consultants, Inc. (GEI) during this assessment included the development of a site history, a review of the environmental setting of the property and surrounding properties, a site visit, and a limited subsurface investigation.

The 340 Mariano S. Bishop Boulevard property is currently occupied by two one-story buildings, specifically a Papa Gino's Restaurant and a Bess Eaton Donut Shop. Prior to the construction of the buildings in 1985 and 1987, the property was undeveloped.

A review of aerial photographs taken in 1964 and 1968 indicates that the site is constructed on a former pond or flooded swampland which was filled. Based on GEI observations during drilling activities at the site, the fill contains various man-made debris. The origin of the fill material at the site is not known. According to Fall River City officials, the areas northwest and east of the property were used as refuse dumps prior to 1963 and 1970, respectively. The extent of the dumps and the type of materials disposed are not known.

The results of laboratory analyses indicate that ground water from monitoring well MW-1 is contaminated with volatile organic compounds (VOCs). The levels of 1,1-dichloroethane, 1,2-dichloroethene, chloroform, 1,1,1-trichloroethane, trichloroethene, and tetrachloroethene detected in ground water exceed Massachusetts Department of Environmental Protection (DEP) drinking water or ground water quality standards or guidelines. However, no VOCs were detected in the sample collected near the downgradient property boundary. According to Fall River City records, ground water is not used as a source of drinking water within one mile of the site nor is ground water at or near the site likely to be used as a drinking water source in the future.

Because of the presence of VOCs in ground water beneath the site, it is our opinion that a release of oil or hazardous material, as defined by 310 CMR 40, has occurred at or near the assessment site. Based on a review of available information, it is not likely that current or past activities at the site that are related to the operation of the Papa Gino's Restaurant have resulted in a release of oil or hazardous materials. The source of the release is most likely fill material present at the site.

ATTACHMENT A  
ATTACHMENT B  
ATTACHMENT C

Six floor drains are located in the Papa Gino's building and discharge to the municipal sewer system (1). A grease cleanout pit was not observed inside the building. Only minor storage of floor and other non-solvent cleaners was observed in the building. GEI did not observe the interior of the Bess Eaton Donut Shop located on the property.

One 12-cubic-yard dumpster is located in the parking lot east of the building and is serviced three times weekly by Browning-Ferris Industries, Inc. According to records maintained by the City of Fall River Engineering Office and the Board of Health, no private septic system has been in use at any time at the site. No electrical transformers were observed on the property.

The site is abutted by the following properties:

- To the south across Newton Street by a one-story retail building at 350 Mariano S. Bishop Boulevard containing three retail stores and three restaurants;
- To the west across Mariano S. Bishop Boulevard by a large parking lot for the Super Stop & Shop grocery store;
- To the east by ADAP Discount Auto Parts, constructed in the late 1960s; the building was formerly shared with a two-bay transmission service shop until remodeling two years ago;
- To the north by Empire Chevrolet automobile sales and service center.

In addition to the above abutting properties, other area properties include an Ames Department Store Mall located at the southwest corner of Tucker Street and Mariano S. Bishop Boulevard northwest of the site; a Brooks Pharmacy and associated strip mall and a Super Shaw's grocery store located across Newton Street southeast of the site; Harbour Mall located on the east side of Canning Boulevard; and Barboza Auto World, also located on the east side of Canning Boulevard. The nearest gasoline service stations are located approximately 0.2 mile north of the site. Most of the area described above was undeveloped swampland (Tucker's Swamp) prior to the 1960s. In addition, portions of the swamp northwest and east of the site were used as dumps prior to the 1960s (2).

## 2.2 Site History/Land Use

The assessment site is owned by Papa Gino's Acquisition Corporation, which purchased the site from Papa Gino's of America, Inc. in March 1992. Records maintained at the City of Fall River Assessor's Office indicate that Papa Gino's of America, Inc. purchased the property on April 23, 1985 from James J. Karam. From 1968 to 1984 the property was owned by Peter Patota. The deed reference for the most recent purchase is Book 1564, Page 79. The property is identified as Lot 34 of Map C6 and is zoned BN,

Neighborhood Business. The area south of Newton Street and east of Canning Boulevard is zoned BL, Local Business (3).

Building Department records indicate that the construction permit for the Papa Gino's building was granted in March 1985. At that time, the property was undeveloped. Newton Street was constructed in 1984 to connect Mariano S. Bishop Boulevard with Canning Boulevard. Aerial photographs from 1964 and 1968 indicate that the area of the present property and Newton Street was covered with a pond or flooded swampland (4).

Conversations with City officials indicate that the areas northwest and east of the properties were used as dumps prior to about 1963 and 1970, respectively (2, 5). The area east of the site at Harbour Mall was formerly the Firestone Rubber Company dump, and the area now occupied by the Ames Mall was the Tucker Street Dump and was owned by Jose Arruda, who purchased the dump from the city. No written records were available regarding the characteristics of these dumps or on the origin of the fill material used for site development of the Papa Gino's property (2). However, the abutting Super Stop & Shop store, located west of and built at about the same time as Papa Gino's, was filled with fly ash from New England Power's Brayton Point power station located about 3.0 miles northwest of the site (4). City officials have speculated that the Firestone Dump and the Tucker Street dump were the same site, with various dirt paths connecting them (5).

According to information obtained at the Fall River Health Department, the Papa Gino's building and the surrounding properties are serviced by municipal water and sewer and there have been no environmental problems recorded for the site or the abutting properties.

EcoLogic, Inc. of Uxbridge, Massachusetts conducted a non-subsurface investigation, environmental assessment of the site in June 1991 (6). No evidence of a release of hazardous materials or oil or other environmental problems were identified at the site by Ecologic, Inc.

## 6. FINDINGS

Based on the information presented herein, GEI makes the following preliminary findings regarding conditions at the Papa Gino's site:

1. The site is constructed on a former pond or flooded swampland which was filled. GEI observed the fill to contain various man-made debris. The origin of the fill at the site is not known.
2. Prior to 1970, swampland within 0.2 to 0.4 mile of the site was used as refuse dumps. The extent of the dumping and type of materials disposed is not known.
3. The results of laboratory analyses indicate that ground water from monitoring well MW-1 contains concentrations of chlorinated VOCs that exceed DEP drinking water or ground water quality guidelines or standards. However, no VOCs were detected above the MCLs in ground water at the downgradient property boundary. According to City records, ground water is not used as a source of drinking water within 1 mile of the site nor is ground water at or near the site likely to be used as a drinking water source in the future.
4. Based on the information presented in this report, it is our opinion that a release of oil or hazardous material, as defined by 310 CMR 40, has occurred at or near the assessment site. Based on a review of available information, it is not likely that current or past activities at the site that are related to the operation of the Papa Gino's store have resulted in a release of oil or hazardous materials. The source of the release is most likely fill material present at the site.

## EXECUTIVE SUMMARY

Woodard and Curran, Inc. (W&C) has been retained by Munn Realty Trust to conduct a Phase I - Initial Site Investigation (Phase I) of the property located at 416 William S. Canning Boulevard, in Fall River, Massachusetts (the "site"). The site was listed by the Commonwealth of Massachusetts Department of Environmental Protection (DEP) as a Location to be Investigated (# 4-0629) in January 1988. The Phase I report was prepared in response to that listing and conforms to the regulations promulgated in section 40.0480 of the 1993 Massachusetts Contingency Plan (MCP) 310 CMR 40.0000.

The objective of the Phase I investigation was to determine whether or not the site had been impacted by releases of oil and/or hazardous materials (OHM) such that the DEP would consider the property to be a Disposal Site, as defined in the MCP. Throughout the progression of the Phase I, W&C evaluated site conditions to determine whether or not a condition of Imminent Hazard existed. No such circumstance was encountered.

The Phase I involved a review of an assessment report prepared for site owners in 1988 by Haley and Aldrich, Inc. (H&A); an independent visual inspection of the site and properties surrounding the site; a review of available municipal, state, and federal environmental records and databases; test boring advancement and monitoring well installation; and the analyses of soil and groundwater samples.

The site encompasses approximately 3.4 acres of property situated in a commercial section of the City of Fall River. The property is occupied by a single-story, concrete block building which is serviced by municipal water and sewer systems. The building was constructed in 1971 and is currently used to operate an NHD Hardware store, and Staples, an office supply store.

With the exception of commercial quantities of common automotive and household products retailed by NHD, site operators do not use, store, or generate OHM. According to records filed with the Fall River Fire Department and the City Clerk, site operators are not licensed to operate underground storage systems. Underground tanks were not identified at the site during the Phase I site inspection. The site building is heated using natural gas.

H&A reported that the site historically formed a part of the Tucker Street Dump which closed in 1964. As a result of Phase I background research, W&C could find no evidence to suggest that the site was used as a refuse landfill. Aerial photographs of the site and the surrounding area indicate that in 1959 and 1964 the site formed part of a large field apparently used for farming.

Excessive thicknesses of fill material and/or waste indicative of former refuse landfilling were not encountered during on-site test boring advancement. The property is underlain by fill and wetland deposits which overlie medium-dense glacial till.



According to Fire Department and DPW officials, the Tucker Street Dump was located 1,500 feet to the north and northwest of the site. These officials indicated that land to the southwest and west of the site, beyond William S. Canning Boulevard, was formerly used by the Firestone Tire and Rubber Company to dispose of tires and waste rubber and foam products.

The 1959 aerial photograph shows filled wetland areas to the northwest and south of the site. This may be indicative of landfilling. To the south of the site, the photograph shows large piles of discarded tires located within a filled area. In 1964, filled wetland areas were located to the south and southwest of the site.

Site soil and groundwater have been impacted by releases of petroleum hydrocarbons.

In January 1995, purgeable hydrocarbons were detected at concentrations of 3.4 and 2.4 mg/Kg in two soil samples collected from one test boring. Extractable hydrocarbons were detected in one of these samples at 1,300 mg/Kg. These results were determined using GC/FID Methodology

Concentrations of total petroleum hydrocarbons determined using infrared methodology (IR) were reported at 1,200 and 1,100 mg/Kg for two soil samples collected from the other two test borings. W&C believes the natural organic content of these samples contributes to the elevated concentrations reported.

The samples were reanalyzed in March for purgeable and extractable petroleum hydrocarbons using the GC/FID method. Even though the samples were analyzed outside the twenty-eight day holding time, the magnitude of the volatilization and degradation of the heavier, extractable petroleum components is considered negligible. The concentrations of extractable hydrocarbons in these samples were reported at below quantitation limit (BQL) and 455 mg/Kg, respectively.

Concentrations of purgeable hydrocarbons exceeding the method detection limit were not reported for the samples which were reanalyzed. This result corresponds with data reported in January, after initial Method 8240 VOC testing was conducted on these samples.

In groundwater, purgeable hydrocarbons were quantified at 0.51 mg/l in the sample collected from monitoring well WC-2 MW. Extractable hydrocarbons were quantified at 3.3 mg/l in the sample collected from WC-1 MW, and at 4.6 mg/l in the sample collected from B3 OW.

Based on the assignment of S-2 and GW-2 soil and groundwater classifications, the concentrations of petroleum hydrocarbons reported for the Phase I soil and groundwater samples do not exceed applicable RCs or Method 1 Standards promulgated in the MCP.

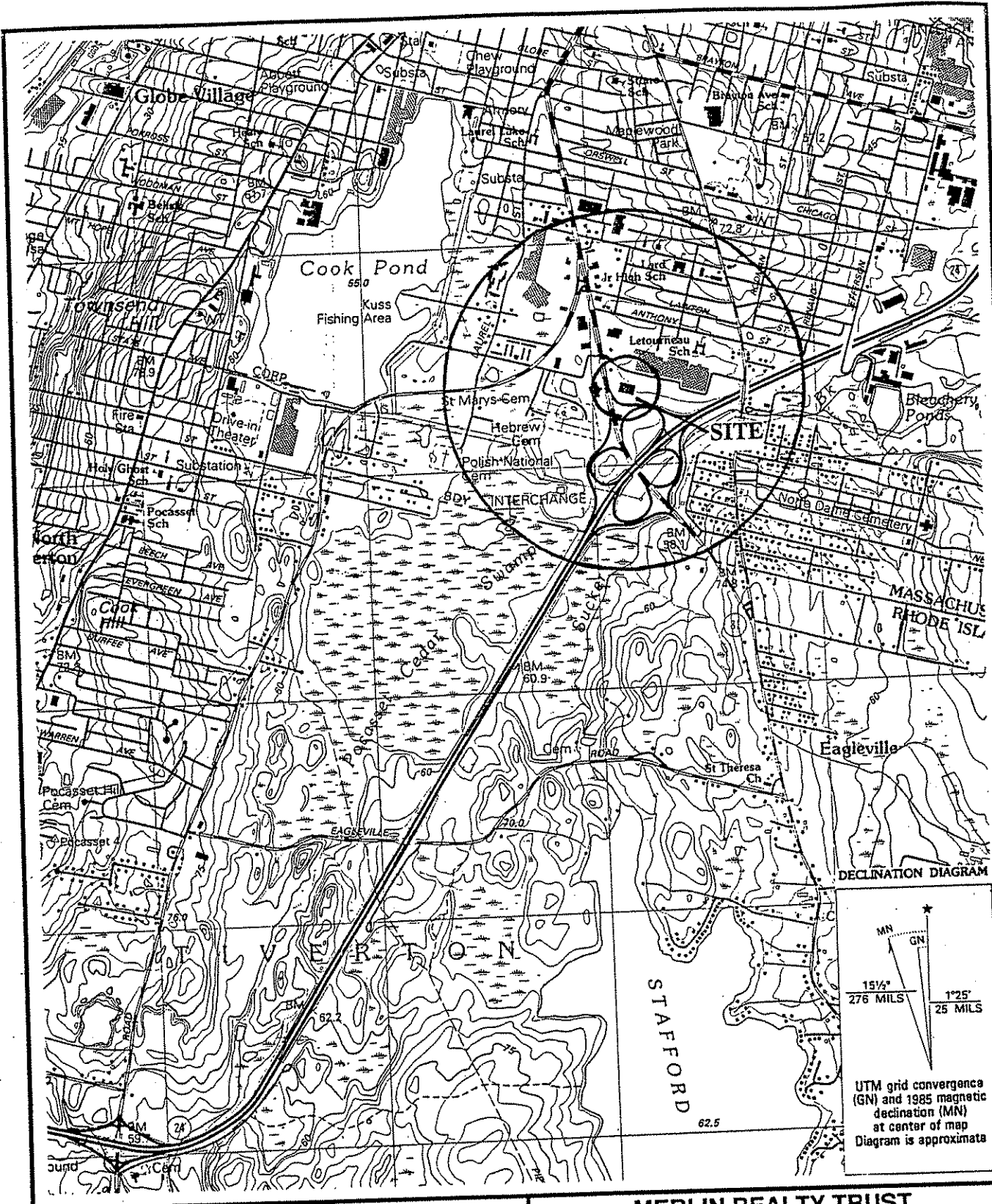
Concentrations of RCRA metals detected in soil samples do not exceed these regulatory standards, and, with the exception of mercury, concentrations do not exceed natural ranges of metals observed by the USGS as typical for New England soil.

W&C quantitatively defined groundwater flow across the site to the east-northeast. This flow direction agrees with the west to east flow for groundwater beneath the Harbour Mall, as reported by GHR Engineers in 1984. Based on these directions, the site is situated hydraulically downgradient from landfill areas formerly used by Firestone.

W&C concludes that the DEP would classify the property as a Disposal Site. However, the concentrations of petroleum hydrocarbon compounds detected in the Phase I soil and groundwater samples are below reportable levels and cleanup standards, and would not present a threat to human health or the environment. Direct access to the site's subsurface is restricted by asphalt surfacing, and sensitive environmental receptors such as public or private water supply wells, surface water bodies, protected wetlands, threatened or endangered species, or critical habitats, do not occur within 500 feet of the site. Schools do not exist within 500 feet of the site.

Even though the northwest corner of the site is situated upon a mapped, high-yield, Potentially Productive Aquifer, W&C believes the GW-2 classification for site groundwater is appropriate. Subsurface soil samples recovered from the test borings are not characteristic of the permeable geologic materials which can comprise high or medium yield aquifers. At the boring locations, wetland deposits consisting of very fine sand and silt, with a trace of clay, and root and wood fragments, overlie medium- dense, glacial till composed of silt and very fine sand. Shallow groundwater would most likely be restricted from deeper formations by the till layer.

In addition, according to the Fall River City Engineer, groundwater in the vicinity of the site is not used as a current source of drinking water, nor is it likely to be developed as a source in the future. The city currently obtains potable water from North Watuppa Pond, located two miles to the northeast of the site.



1000 0 2000  
SCALE IN FEET

BASE MAP SOURCE: Compiled from  
USGS topographic map: Fall River, MA-RI, 1985.

**WOODARD & CURRAN**  
AN ENVIRONMENTAL SERVICES

**MERLIN REALTY TRUST**  
416 William S. Canning Blvd.  
Fall River, MA

**FIGURE 1**  
**SITE LOCUS**

Project No: 94167.04 | Drawn By: JVL | Date: April 1995

### 3.3 Utilities

As confirmed by W&C through Phase I field observations and background research, the site building is serviced by municipal water and sewer systems, and is heated using natural gas. The site is also serviced by subsurface electric and telephone utilities.

### 3.4 Description of Present and Past Site Use

The site is currently used for commercial retail purposes. The site building is occupied by an NHD Hardware store and a Staples office supply store. At the time of the 1988 H&A assessment, the building was occupied by NHD Hardware and Simply Sportswear.

According to the 1988 H&A report, the site building was constructed in 1971 and was originally occupied by a Stop and Shop supermarket. The building was renovated in 1987 for NHD Hardware and Simply Sportswear.

H&A reported that prior to 1900, the site existed as wetlands. The wetlands were subsequently filled and the site and surrounding area were used for the operation of the Tucker Street Dump. According to H&A, the dump was closed in 1964.

As part of the Phase I effort, W&C reviewed Sanborn fire insurance maps published for the City of Fall River in 1893, 1922, 1933 (updated to 1960), 1962 (updated to 1968), and 1971-1972. These maps are filed with the Fall River Engineering Department.

From 1893 to at least 1968, land surrounding the site had not been mapped by the Sanborn Company, indicating that this area most likely existed as undeveloped property. By 1964, residential development was occurring along Anthony and Lawton Streets, located to the north of the site. By 1972, the site structure and the abutting Harbour Mall had been constructed.

W&C reviewed aerial photographs of the site and the surrounding area taken in 1959, 1964 and 1968. Copies of these photographs were obtained from the Fall River Engineering Department. The photographs indicate that during those years the site consisted of low lying, undeveloped property. In 1959 and 1964, it appears that the site formed part of a field used for farming. In 1968, the Route 24 cloverleaf had been constructed, and it appears from the photograph that the site and areas to the south and southwest were covered with sand and gravel construction fill.

In addition to developing the site history, Phase I background research was aimed at confirming whether the site had been used for refuse landfilling, as reported by H&A in 1988. W&C could find no evidence to suggest that the site had been used for this purpose.

According to officials of the Fall River Fire Department and the Department of Public Works, the Tucker Street Dump existed to the north and northwest of the site, to the south of Tucker Street (1,500 feet north of the site) and to the west of Mariano S. Bishop Boulevard (1,500 feet northwest of the site). Environmental work conducted in the area by GEI Consultants, Inc. confirms the location of this dump (see Section 4.6.1).

After conducting a Phase I field investigation for a property located 1,000 feet to the northwest of the site, GEI reported in 1992 that the Tucker Street Dump existed to the northwest of that property. However, GEI also reported that the Harbour Mall property was used by the Firestone Tire and Rubber Company to operate a dump.

Officials of the Fire Department and the DPW indicated that the Firestone Dump actually existed on property to the west and southwest of the subject site, beyond William Canning Boulevard. According to these officials, Firestone used this area to dispose of tires and rubber and foam waste. According to a 1986 Site Assessment Summary, prepared for the owners of the Harbour Mall property, GHR Engineering asserted that a former landfill existed to the west of the Harbour Mall, beyond William S. Canning Boulevard.

The 1959 aerial photograph studied by W&C shows disturbed property and/or filled wetlands to the northwest and south of the site. This may be indicative of landfilling. To the south of the site, the photograph shows large piles of discarded tires located within a filled area. In 1964, filled wetland areas were located to the south and southwest of the site.

### **3.5 Description of Types and Quantities of Oil and/or Hazardous Materials Used, Stored or Generated On-Site**

Site operators do not use or store significant quantities of OHM. Oil and/or hazardous materials are not generated at this site. NHD Hardware retails for consumer use a variety of automotive fluids such as prepackaged motor oil, automatic transmission fluid, brake fluid, and antifreeze. In addition, paint and paint thinners, varnish, and a variety of common automotive and household cleaners are retailed.

A 375 gallon aboveground storage tank (AST) was observed in the backroom area of the NHD store. The AST is used for the reclamation of used motor oil. The amount of used oil contained in the AST could not be determined during the Phase I.



Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC-101

Release Tracking Number

A - 12164

RELEASE LOG FORM

A. LOG INFORMATION:

Log Date: 5/17/96  
Log Time: 1:00

TYPE OF CALL (check one):

- Release or TOR
- Complaint
- Inquiry

DISPOSITION OF CALL (check the one most applicable disposition below):

If selecting one of the two following options, assign a Release Tracking Number (RTN) in the space provided above:

- Reportable Release or Threat of Release
- Release or Threat of Release Less Than Reporting Threshold

Check one:  
 AM  PM

CALLER (check one):

- PRP
- Public Safety Official
- Other Government Agency
- Citizen
- Anonymous
- LSP or PRP Agent
- Other Person: \_\_\_\_\_

Select one of the two following options only if an RTN was previously assigned:

- Release Notification Retraction (with BWSC-103 only)
- Not a 21E Release

Use of Form: (check one)  
 Initial Office  
 Boston  
 Amended

If selecting any option below, do not assign an RTN:

- Release or Threat of Release Exempt from Reporting Requirements (not referred)
- Report Referred to Other Agency or Division
- Referred To: \_\_\_\_\_
- No Action Taken

Reporting Person: Eric Jones  
Telephone: 603-464-6370 Ext.: \_\_\_\_\_  
Organization: Cyn Env. Service

B. RELEASE OR THREAT OF RELEASE LOCATION:

Street: 245 William Canning Blvd Location Aid: \_\_\_\_\_  
City/Town: Fall River Adequately Regulated Status: \_\_\_\_\_ Fee Status: \_\_\_\_\_

- Type of Location (check all that apply):
- Commercial  Industrial  Residential  School  Municipal  State
  - Federal  Right of Way  Roadway  Water Body  Open Space Other: \_\_\_\_\_

Release Tracking Number of Associated Transition or Tier Classified Site, if any: \_\_\_\_\_

C. RELEASE OR THREAT OF RELEASE (TOR) INFORMATION:

Notification Date, if different from log date: \_\_\_\_\_

"One Year" Status Date, if not one year after notification date: \_\_\_\_\_

Date and time reporting person obtained knowledge of the Release or TOR. Date: 5/17/96 Time: 12:00  AM  PM

IF KNOWN, record date and time Release or TOR occurred. Date: \_\_\_\_\_ Time: \_\_\_\_\_  AM  PM

Check all conditions that apply to the Release or Threat of Release:

2 HOUR REPORTING CONDITIONS

- Sudden Release
- Threat of Sudden Release
- Oil Sheen on Surface Water
- Poses Imminent Hazard
- Could Pose Imminent Hazard
- Release Detected in Private Well
- Release to Storm Drain
- Sanitary Sewer Release (Imminent Hazard Only)

72 HOUR REPORTING CONDITIONS

- Subsurface NAPL = or > 1/2 Inch
- UST Release
- Threat of UST Release
- Release to Groundwater near Water Supply
- Release to Groundwater near School or Residence

120 DAY REPORTING CONDITIONS

- Release of HM(s) to Soil or Groundwater > RC(s)
- Release of Oil to Soil > RC(s) and Affecting > 2 Cubic Yards
- Release of Oil to Groundwater > RC(s)
- Subsurface NAPL = or > 1/8 Inch and < 1/2 Inch
- Check here if Substantial Release Migration exists in connection with 120 Day Reporting Conditions

Source of Release or TOR (check all that apply):  UST  Pipe/Hose/Line  AST  Drums  Transformer  Boat

Tanker Truck  Vehicle  Unknown  Other Specify: \_\_\_\_\_

Federal LUST Eligible?  Yes  No  Unknown

SECTION C IS CONTINUED ON THE NEXT PAGE.



Release Tracking Number

A - 12164

RELEASE LOG FORM ATTACHMENT

A. LOG/RELEASE LOCATION INFORMATION: (complete if using BWSC-102A and 102B or BWSC-102A only)

City/Town: Fall River Date: 5/2/96 Time: 1100  AM  PM

Release Address: 245 William Canning Blvd.

Use of Attachment (check one):  Field  Office Follow-up  Attachment Page(s): \_\_\_\_\_ of: \_\_\_\_\_

B. ORAL PLAN SUMMARY: (check all that apply)

- Removal of Contaminated Soils
  - Re-use or Recycling
    - On Site  Off Site Volume: 100 cubic yards
    - Treat  On Site  Off Site Volume: \_\_\_\_\_ cubic yards
    - Describe: \_\_\_\_\_
    - Store  On Site  Off Site Volume: \_\_\_\_\_ cubic yards
    - Landfill  Cover  Disposal Volume: \_\_\_\_\_ cubic yards
  - Deployment of Absorbent or Containment Materials
  - Temporary Covers or Caps
  - Bioremediation
  - Soil Vapor Extraction
  - Structure Venting System
  - Product or NAPL Recovery
  - Groundwater Treatment Systems
  - Air Sparging
  - Temporary Water Supplies
  - Temporary Evacuation or Relocation of Residents
  - Fencing and Sign Posting
- Removal of Drums, Tanks or Containers
  - Describe: \_\_\_\_\_
- Removal of Other Contaminated Media
  - Specify Type and Volume: \_\_\_\_\_
- Other Response Actions Describe: \_\_\_\_\_
- Check here if this Release or Threat of Release is a candidate for future presumptive approval of an IRA or RAM Written Plan.

Check one of the following:  Oral IRA Plan Approval  Oral RAM Plan Approval  Oral IRA Plan Modification Approval

Other Comments: During the excavation of a one thousand (1000) gallon underground gasoline storage tank gasoline contaminated soils were encountered adjacent to said tank with jar headspace readings greater than one hundred (100) parts per million of Volatile Organic Compounds.

C. ADDITIONAL INVOLVED PERSON INFORMATION:

Check One:  PRP  PRP Local Contact  Other Person Performing Response Action

Other Relationship Specify: \_\_\_\_\_

Name of Organization: \_\_\_\_\_

Name of Contact: \_\_\_\_\_ Title: \_\_\_\_\_

Street: \_\_\_\_\_  Check here if this person received a field NOR.

City/Town: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_

Telephone: \_\_\_\_\_ Ext.: \_\_\_\_\_ FAX: \_\_\_\_\_

D. DEP ASSIGNMENT: (complete if using only BWSC-102A)

Preparer of RLFA (please print): \_\_\_\_\_ Signature: [Signature]

Staff Lead Assigned (if different from preparer): \_\_\_\_\_

Check here if the Release or Threat of Release is unassigned.

Check here if this RLFA records a change in staff lead.



RESPONSE ACTION OUTCOME (RAO) STATEMENT &  
DOWNGRAIDENT PROPERTY STATUS TRANSMITTAL FORM

Pursuant to 310 CMR 40.0180 (Subpart B), 40.0580 (Subpart E) & 40.1056 (Subpart J)

Release Tracking Number

4 - 12164

A. SITE OR DOWNGRAIDENT PROPERTY LOCATION:

Site Name: (optional) n/a  
Street: 245 William S. Canning Blvd. Location Aid: Empire Chevrolet  
City/Town: Fall River, MA ZIP Code: 02721

Check here if this Site location is Tier Classified. If a Tier I Permit has been issued, state the Permit Number: \_\_\_\_\_

Related Release Tracking Numbers that this Form Addresses: \_\_\_\_\_ DEC 24 1996

If submitting an RAO Statement, you must document the location of the Site or the location and boundaries of the Disposal Site subject to this Statement. If submitting an RAO Statement for a PORTION of a Disposal Site, you must document the location and boundaries for both the portion subject to this submittal and, to the extent defined, the entire Disposal Site. If submitting a Downgradient Property Status Submittal, you must provide a site plan of the property subject to the submittal and, to the extent defined, the Disposal Site.

B. THIS FORM IS BEING USED TO: (check all that apply)

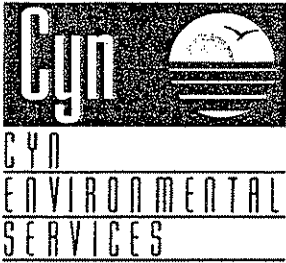
- Submit a Response Action Outcome (RAO) Statement (complete Sections A, B, C, D, E, F, H, I, J and L).
    - Check here if this is a revised RAO Statement. Date of Prior Submittal: \_\_\_\_\_
    - Check here if any Response Actions remain to be taken to address conditions associated with any of the Releases whose Release Tracking Numbers are listed above. This RAO Statement will record only an RAO-Partial Statement for those Release Tracking Numbers.
      - Specify Affected Release Tracking Numbers: \_\_\_\_\_
  - Submit an optional Phase I Completion Statement supporting an RAO Statement or Downgradient Property Status Submittal (complete Sections A, B, H, I, J, and L).
  - Submit a Downgradient Property Status Submittal (complete Sections A, B, G, H, I, J and K).
    - Check here if this is a revised Downgradient Property Status Submittal. Date of Prior Submittal: \_\_\_\_\_
  - Submit a Termination of a Downgradient Property Status Submittal (complete Sections A, B, I, J and L).
  - Submit a Periodic Review Opinion evaluating the status of a Temporary Solution (complete Sections A, B, H, I, J and L).
    - Specify one:  For a Class C RAO  For a Waiver Completion Statement indicating a Temporary Solution
    - Provide Submittal Date of RAO Statement or Waiver Completion Statement: \_\_\_\_\_
- You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.

C. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply)

- |   |   |
|---|---|
| <input type="checkbox"/> Assessment and/or Monitoring Only  | <input type="checkbox"/> Deployment of Absorbant or Contaminant Materials |
| <input checked="" type="checkbox"/> Removal of Contaminated Soils   | <input type="checkbox"/> Temporary Covers or Caps                         |
| <input checked="" type="checkbox"/> Re-use, Recycling or Treatment  | <input type="checkbox"/> Bioremediation                                   |
| <input type="radio"/> On Site <input checked="" type="radio"/> Off Site Est. Vol.: <u>267.47T</u> <del>xxx cubic yards</del><br>Describe: <u>Asphalt Batching</u> | <input type="checkbox"/> Soil Vapor Extraction                            |
| <input type="checkbox"/> Landfill <input type="radio"/> Cover <input type="radio"/> Disposal Est. Vol.: _____ cubic yards   | <input type="checkbox"/> Structure Venting System                         |
| <input checked="" type="checkbox"/> Removal of Drums, Tanks or Containers   | <input type="checkbox"/> Product or NAPL Recovery                         |
| Describe: <u>1,000G UST</u>   | <input type="checkbox"/> Groundwater Treatment Systems                    |
| <input type="checkbox"/> Removal of Other Contaminated Media  | <input type="checkbox"/> Air Sparging                                     |
| Specify Type and Volume: _____  | <input type="checkbox"/> Temporary Water Supplies                         |
| <input type="checkbox"/> Other Response Actions   | <input type="checkbox"/> Temporary Evacuation or Relocation of Residents  |
| Describe: _____   | <input type="checkbox"/> Fencing and Sign Posting                         |

SECTION C IS CONTINUED ON THE NEXT PAGE.





25 November 1996

Mr. Michael Moran  
Department of Environmental Protection  
Southeast Regional Office  
20 Riverside Drive  
Lakeville, MA 02347

RE: Response Action Outcome (RAO) Statement Report  
FALL RIVER, MA - Empire Chevrolet, 245 William S. Canning Boulevard  
RTN 4-12164

PRP: Empire Chevrolet  
245 William S. Canning Boulevard  
Fall River, MA 02721  
Contact: Richard Torres,  
General Manager  
(508) 678-8395

Dear Mr. Moran:

The purpose of this submittal is to supply the Massachusetts Department of Environmental Protection (MADEP) with a written Response Action Outcome (RAO) Statement and Report. Together, they outline that Immediate Response Actions conducted at the above listed site, in response to an underground storage tank release, have lead to a Level of No Significant Risk and a Permanent Solution. A Release Notification Form and Immediate Response Action (IRA) Completion Statement and Report were previously filled with the MADEP for this site on July 8, 1996.

### History

On May 7, 1996, Cyn Environmental Services, as contracted by Empire Chevrolet, initiated the excavation and removal of one 1,000 gallon capacity underground gasoline storage tank at 245 William S. Canning Boulevard, Fall River.

Site location maps are provided as Attachment 1.

Following the removal of the tank, soil samples were obtained and headspace screened for total organic vapors by a Cyn Environmental Services Field Chemist. Samples were screened utilizing MADEP approved protocol, and a Photovac Microtip Photoionization Detector (PID) calibrated with an Isobutylene standard.

Results of the soil screening effort indicated that a 72-Hour Reporting Condition existed at the site. The condition was indicated by the measurements of equal to or greater than 100 parts per million by volume of organic vapors in the headspace of a soil sample obtained greater than two feet below the ground surface, and within ten feet of the tank. As a result of the condition, the MADEP was orally notified on May 7, 1996 at approximately 1:00 PM.

At the time of the oral notification, the MADEP had reason to believe that the release which was reported was or may have been a disposal site as defined in the Massachusetts Oil and Hazardous Material Release Prevention and Response Act, M.G.L. c. 21E, and the Massachusetts Contingency Plan, 310 CMR 40.0000. The MADEP also had reason to believe that Empire Chevrolet, was or may have been a potentially responsible party, based on their status as owner, and issued them a Notice of Responsibility, M.G.L. c. 21E & 310 CMR 40.0000.

As indicated in the notice, the MADEP advised general response action requirements which included the need for conducting an Immediate Response Action (IRA) to respond to the "Underground Storage Tank (UST) Release" 72-Hour Reporting Condition. The requirements also included the need for employing or engaging a Licensed Site Professional to manage, supervise, or actually perform necessary response actions leading to a level of No Significant Risk at the subject site. The requirements further included the need for proper disposal and/or recycling of all remediation waste generated at the site in accordance with Federal, State, and local regulations. At the time of the oral notification, the MADEP specifically approved the excavation of up to 100 cubic yards of impacted soil, later upgraded to a total of up to 150 cubic yards

In response to the notice, Empire Chevrolet subsequently contracted Cyn Environmental Services to complete the clean-up/IRA, and to provide Licensed Site Professional services.

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In response to the notice, Empire Chevrolet subsequently contracted Cyn Environmental Services to complete the clean-up/IRA, and to provide Licensed Site Professional services.

### ***Immediate Response Actions - Soil***

Cyn Environmental Services initiated the IRA by excavating impacted soil from the site utilizing heavy machinery and visual, olfactory, and on-site headspace screening methods. Impacted soil was excavated and securely stockpiled on-site until it could be removed for proper disposal. The soil was stockpiled on/under polyethylene sheeting to control run-off from anticipated precipitation, and to limit exposure to humans and the environment. Excavation of impacted soil continued until the dimensions of the excavation were extended to approximately 33 feet long by 28 feet wide, and to approximately 10 feet below grade level. At these dimensions and depth, screening methods indicated that the bounds of the impacted soil may have been reached.

In an effort to characterize remaining soils, ten composite soil samples (Sample ID: "Bottom A", "Bottom B", "A1", "A2", "B1", "B2", "C1", "C2", "D1", and "D2") were obtained from within the excavation, packaged, sealed, labeled, and transported to Cyn Environmental Services' Stoughton facility laboratory for selected gasoline parameters which included:

- (1) **Total Petroleum Hydrocarbon (TPH) analysis**  
via EPA Method 8100;
- (2) **Volatile Organic Compound (VOC) analysis**  
via EPA Method 8021 and 8015; and
- (3) **Trace Metal analysis for Lead**  
via Method Energy Dispersive X-Ray.

A site diagram which illustrates the dimensions of the excavation and the location of the samples is provided in Attachment 2.

The laboratory report, complete with Chain of Custody, provided as Attachment 3, identifies six samples (i.e., Sample ID: "Bottom A", "B2", "C1", "C2", "D1", and "D2") as having elevated levels of Methyl tert-Butyl Ether (MTBE). As noted on the site diagram provided as Attachment 2, these samples are grouped primarily within the southern portion of the excavation. The report identifies all other samples/parameters as non-detectable and/or below applicable Massachusetts Contingency Plan Method 1 "Clean-Up" Standards and/or applicable Reportable Concentrations.

A listing of positive detections are presented in Table 1.

### Toluene, Benzene

As indicated in Table 4, levels of Toluene and Benzene above applicable Massachusetts Contingency Plan Method 1 "Clean-up" Standards were identified in the groundwater sample obtained directly from the excavation following the removal of the former underground storage tank.

Sampling of the downgradient monitoring well during the release evaluation study identified non-detectable levels of Toluene on four occasions, and levels far below the applicable standard on one occasion, (i.e., 21.6 ug/L found vs. 1000 ug/L standard).

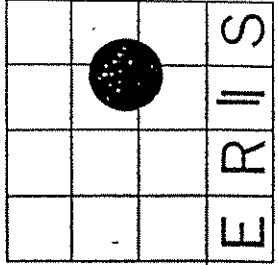
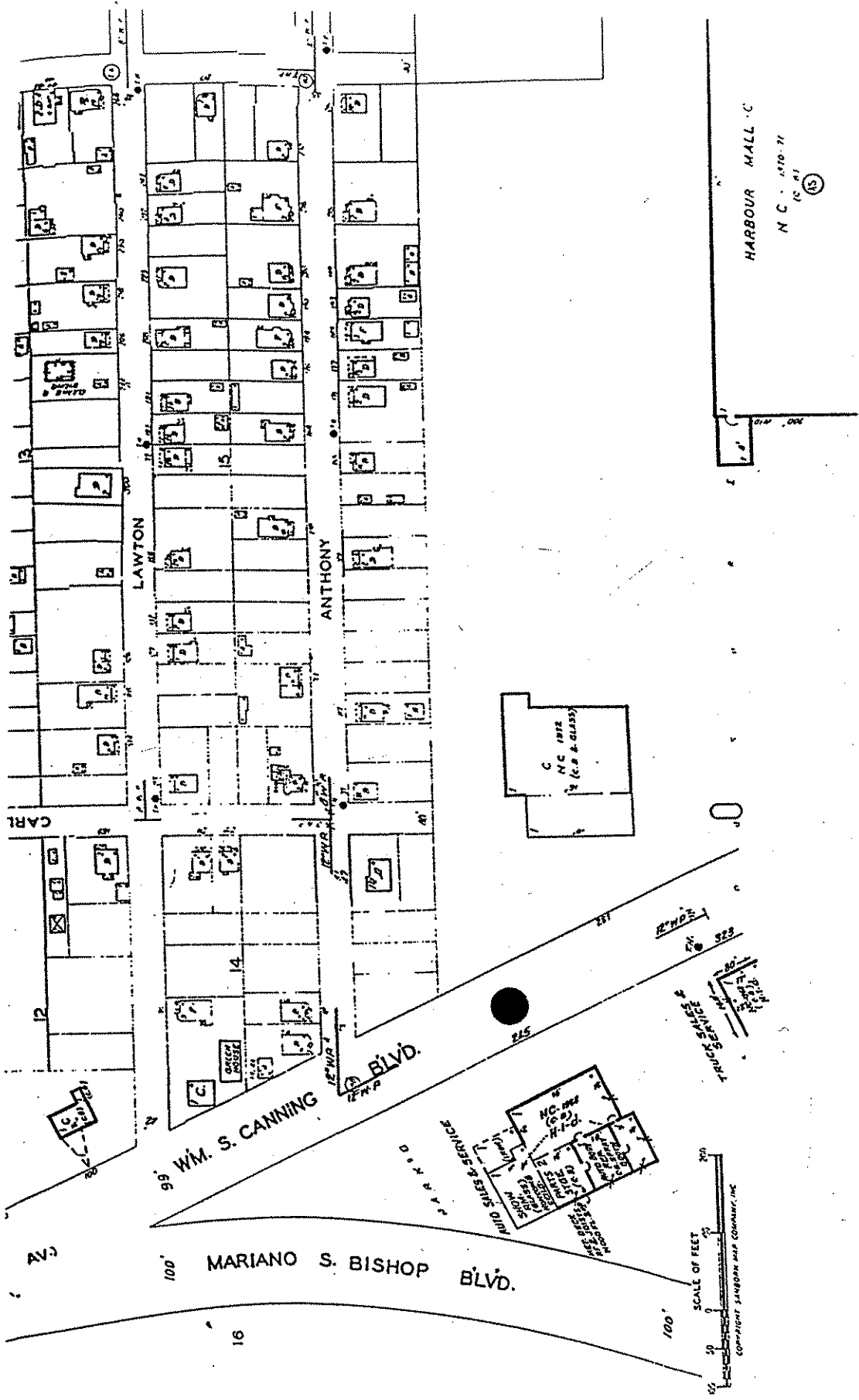
Sampling identified non-detectable levels of Benzene on five consecutive occasions.

The above information leads Cyn Environmental Services to conclude that the initial levels of Toluene and Benzene in the groundwater were localized within the excavation area itself. Cyn Environmental Services also concludes that since the groundwater sample was obtained directly from within the excavation following the removal of the former tank, the elevated levels may have resulted from minor spillage during the tank removal and/or the stirring up of impacted soil during soil excavation. The levels of Toluene and Benzene detected in the sample are not representative of the overall groundwater quality. As noted in the previously submitted IRA Completion Report, since impacted soils have been excavated and removed from the site, it was expected that the elevated concentrations of Toluene and Benzene would not increase, and would even decrease with time. As indicated by the sampling results of groundwater from the downgradient well, Cyn Environmental Services concludes that this is, in fact, the case.

### Ethylbenzene, total Xylenes

As indicated in Table 4, residual levels of Ethylbenzene and total Xylenes were identified in the groundwater sample obtained directly from the excavation following the removal of the former underground storage tank.

Sampling of the downgradient monitoring well during the release evaluation study identified non-detectable levels of Ethylbenzene and total Xylenes on five consecutive occasions.



**Environmental Risk Information & Imaging Services**

505 Huntmar Park Drive, Suite 200 ■ Herndon, VA 22070 ■ (703) 834-0600 ■ 1-800 989-0403 ■ FAX (703) 834-0606

## 5.0 SELECTION OF REMEDIAL ACTION ALTERNATIVES, JUSTIFICATION, AND FEASIBILITY OF ACHIEVING PERMANENT SOLUTION AND RESTORATION TO BACKGROUND

The remedial alternatives selected for implementation at this site is a combination of oil/water separator and associated impacted soil removal, enhanced bioremediation and MNA. These were selected from an initial screening of six remedial alternatives and were based on the characteristics and extent of soil and groundwater impacted with petroleum hydrocarbons and hydrogeologic conditions. The evaluation criteria set forth in 310 CMR 40.0857(2) have been achieved.

The remedial alternatives selected are considered to be feasible approaches to eventually achieving a Permanent Solution for the site by reducing the concentrations for petroleum hydrocarbons in soil and groundwater to concentrations that approach or achieve background. This selection was based on the following criteria:

- The former gasoline UST system, suspected to be the source of contaminants, has been removed, resulting in the removal of approximately 200 cubic yards of impacted soil. However, the potential source of trichloroethene (TCE) that was detected above applicable standards may be attributable to the former use of the facility as a landfill.
- Based on analytical results of soil samples, the area of impacted soil remaining at the site is limited to the area of the former 5,000-gallon (four) and 10,000-gallon (one) gasoline USTs and the former oil/water separator. Therefore, a source area related to impacted soil has been identified and delineated.
- The oil/water separator remains at the site, is no longer in use, and may be a potential continuing source of impacts to groundwater. Impacted soil associated with the oil/water separator is also a likely source of impacts to groundwater at the site.
- Petroleum hydrocarbons detected in groundwater above Method 1 standards are limited to the northwestern side of the site. The detected concentrations of BTEX and VPH are stabilized and the groundwater plume appears to be shrinking.
- Dissolved oxygen and oxidation/reduction potential are low in the impacted monitoring wells and injection of ORM on-site will deliver oxygen needed to stimulate biodegradation.
- The selected alternatives have been proven effective remedial techniques in attaining a level of No Significant Risk that have the potential to achieve levels that approach or reach background.
- The reliability of the alternatives has been sufficiently proven at other similar sites.

8/15/01

- The risk of harm to health, safety, public welfare and the environment posed by the selected remedial alternatives will be adequately controlled.
- Individuals are readily available with the expertise needed to effectively implement, maintain and monitor the selected remedial alternatives.

The purpose of the selected remedial alternatives is to remove the remaining potential sources, enhance biodegradation and natural attenuation processes and monitor potential hazards posed by the disposal site until such time that a Class A RAO can be achieved.

## 6.0 IMPLEMENTATION

A Phase IV Remedial Implementation Plan will be submitted to MADEP by October 15, 2001 as required in the NON.

- Groundwater sampling will continue in six to ten select monitoring wells at the site on a semi-annual basis. The next event will occur in November 2001.
- Monitoring of MNA parameters including, sulfate, nitrate, iron, oxidation/reduction potential, pH, dissolved oxygen, and temperature will be completed during each sampling event. In addition, the monitoring of MNA parameters will be completed immediately before ORM injection; one week following ORM injection; and one month after ORM injection.
- The installation of one bedrock monitoring well will be completed by November 2001.
- The removal of the oil/water separator will be initiated in November 2001.
- The initial ORM injection will be completed by November 2001 during the soil excavation. The necessity of additional ORM injections will be evaluated semi-annually.
- Monitoring reports will be submitted every six months.

## 7.0 PUBLIC NOTICES

Copies of Public Involvement Notifications submitted to City Officials in accordance with 310 CMR 40.0863 are included as **Attachment II**.



10/5/01

Phase IV RIP

33 Mariano Bishop Boulevard

RTN 4-1062

subdivided lot) located at 33 Mariano Bishop Boulevard in a commercial/retail area in Fall River, Massachusetts, as shown on **Figure 1**, Site Locus. The facility is abutted to the west by the Fall River Shopping Center; to the south by a Wendy's restaurant; to the east by Mariano Bishop Boulevard, across which is a Mobil Service Station and D'Angelo's and McDonald's restaurants; and to the north by Tucker Street, across which is a bicycle shop, paint store and a vacant restaurant building.

A single-story gasoline service station building is located in the central portion of the facility property. The building is constructed on a concrete slab foundation. Fall River Assessor's Office records indicate that prior to 1965, the facility was initially used as either a municipal dump (a.k.a. Tucker Street Dump and Fall River Landfill) and/or a pig farm (a.k.a. Arruda Pig Farm). From 1965 until the middle to late 1970s, the facility was used as a gasoline service station with service bays. Since the middle to late 1970s, the facility has been utilized as a convenience store and a gasoline service station (with no vehicle repair occurring at the facility). Shell Oil Products Company (Shell) transferred ownership of the USTs to Motiva in 1998. Refer to **Figure 2**, Site Plan, for the location of current and former underground storage tank (UST) systems, dispenser locations, and pertinent site features. Surrounding property usage is shown in **Figure 3**, Site Area Map.

## 2.2 History

On February 14, 1989, volatile organic compounds (VOCs) were detected in soil during a subsurface investigation of the facility. The Massachusetts DEQE (now MADEP) was notified of the condition on February 14, 1989 (spill identification number S89-0097).

In February and March 1991, four 5,000-gallon gasoline USTs, one 10,000-gallon gasoline UST, one 550-gallon fuel oil UST and one 550-gallon waste oil UST were removed. During the course of this work, VOCs were detected in soil. Approximately 200 cubic yards of petroleum impacted soil was stockpiled and subsequently disposed of off-site. This condition was reported to the MADEP (spill ID S91-0106) on February 25, 1991.

On July 15, 1993, the MADEP listed the facility as a Location To Be Investigated (LTBI) and issued RTN 4-1062 (for the two spill identification numbers S89-0097 and S91-0106) on July 15, 1993.

On June 30, 1995, a third release was reported to the MADEP (RTN 4-11592) due to the identification of methyl tert-butyl ether (MTBE) in monitoring wells MW-1R and GT-2R, BTEX in MW-1R above RCGW-1 standards and trichloroethene (TCE) in soil above the RCS-1 standard. A Release Notification Form (RNF) was received by the MADEP on August 3, 1995 for the 120-day notification. This RTN was combined with the previously existing RTN (4-1062) in July 1996.

A total of 17 soil borings were advanced at the site from May 1998 through July 2001, seven of which were completed as overburden groundwater monitoring wells. The borings/wells were installed as part of Phase II Comprehensive Site Assessment (CSA) activities. Boring logs from these borings indicate that subsurface soils consist of fine to medium SAND, some Silt, trace Gravel, trace Clay. Drilling programs conducted between 1998 and 2001 encountered presumed bedrock at approximately 16 to 18 feet below ground surface (bgs).

Groundwater at the site ranges from approximately 10 to 12.5 feet below grade surface (bgs). Based on data collected from the site, groundwater flows to the west-northwest. Groundwater flow direction is depicted in **Figure 4**. An average estimated hydraulic conductivity of  $5.8 \times 10^{-3}$  feet per minute was calculated in the Phase II from slug test data. The vertical gradient across the site is 0.004 and the calculated porosity is 34.2%. The estimated linear velocity for the site is 35 feet/year. Groundwater sampling data suggests that groundwater migration at the site flows slower than 35 feet per year based on the apparent minimal migration of impacted groundwater.

Based on the data collected to date, the disposal site consists of impacted soil in the vicinity of the former gasoline USTs and the inactive oil/water separator at a depth ranging from approximately 5 to 13 feet bgs. In addition the disposal site includes impacted groundwater under the Shell facility at 33 Mariano Bishop Boulevard, the parking lot/driveway area associated with the Fall River Shopping Center and Tucker Street immediately adjacent to the northern side of the Shell facility. The limits of the

- Confirmatory soil and groundwater sampling will monitor performance.

#### **4.2 Significant Changes and New Information**

No significant changes have been made to the Phase III Remedial Action Plan (Phase III) completed on August 15, 2001. No new information has been obtained for the site since August 15, 2001.

#### **4.3 Disposal Site Maps**

The disposal site, pertinent site features, and proposed treatment areas are shown in **Figure 2**.

#### **4.4 Description of the Characteristics, Quantity and Location of Environmental Media to be Treated or Otherwise Managed**

##### **Soil:**

Soil impacted with concentrations of VPH and PAHs in the vicinity of the oil/water separator will be removed along with the oil/water separator itself. The impacted area to be excavated is expected to be approximately 30 feet by 30 feet to a depth of approximately 14 feet bgs. Based on these dimensions, the maximum volume of impacted soil to be removed is expected to be approximately 500 cubic yards. Some segregation of clean material for reuse from shallower depths, is expected to reduce the total volume of soil to be removed from the site. Impacted soil is expected to be removed from the site on the day of excavation under MADEP Bill of Lading (BOL) to an asphalt batch recycling facility. Some stockpiling of soil may be necessary at the site and will be placed on and covered with polyethylene sheeting. The excavation will be secured from vehicular and pedestrian traffic during excavation activities.

If visual impacts to groundwater are observed during the removal of the oil/water separator, impacted groundwater may be removed from the site. Since a vacuum truck will be on-site to clean out the oil/water separator, visually impacted groundwater, if encountered, will be removed. Less than 5,000 gallons of water is expected to be removed from the site during excavation.

In addition, a volume of soil impacted with PAHs is likely to be treated as a secondary effect of the groundwater treatment at the site. However, the treatment of the PAH impacted soil is not the primary objective of this remedial action alternative and may not

reduce the contaminants in this area to concentrations below standards. The PAHs have been determined to be of historical fill origin. The volume of PAH impacted soil above applicable standards expected to be treated, along with groundwater is approximately 200 cubic yards (approximately 30 feet by 30 feet by 6 feet bgs). This area of impacted soil is within the smear zone. Aerobic degradation of PAHs is expected increase as a result of increases in dissolved oxygen in the groundwater at the site. The groundwater with elevated dissolved oxygen is expected to fluctuate through a portion of the impacted soil zone. The areas of impacted soil to be treated are depicted in **Figure 2**.

**Groundwater:**

Groundwater impacted with concentrations of VPH, ethylbenzene and xylenes above Method 1, GW-2 and/or GW-3 standards will be treated as part of this Phase IV. The volume of impacted groundwater to be treated is estimated to be approximately 300,000 gallons (area of impact above standards approximately 75 feet by 50 feet, times a saturated thickness of approximately 15 feet, times and porosity of 34.2%). The area of impacted groundwater to be treated is depicted in **Figure 2**.

Impacted groundwater is located at depths of approximately three to 11 feet bgs and impacted soil is located at depths of approximately six to eight feet. Soil at the site consists of sand and gravel. Groundwater flows under the site at an estimated groundwater velocity of 35 feet per year.

**4.5 Description and Conceptual Plan of the Activities, Treatment Units, Facilities, and Processes Used to Implement the Selected Remedial Action Alternative Including Flow Diagrams**

**Soil Removal:**

Soil samples collected during the Phase II will be used to pre-characterize the soil for disposal and a BOL will be prepared. Soil is expected to be removed from the site on the day of excavation under BOL to an asphalt batch recycling facility. Some stockpiling may be required. The excavation area will be secured from vehicular and pedestrian traffic using caution tape, cones, barriers and/or fencing.

Prior to the excavation, all liquid wastes will be pumped from the separator using a vacuum truck. Impacted groundwater in the vicinity of the oil/water separator may be

removed with a vacuum truck from the excavation, if visual impacts are observed. Soil excavation will begin with the removal of the oil/water separator. Soil in the immediate vicinity of the oil/water separator will be excavated. Impacted soil will be screened with a photoionization detector (PID) using MADEPs jar headspace procedure. Soil from the surface to a depth of approximately 8 feet bsg is expected to be reused if PID readings (20 parts per million by volume will be used as the cut-off) indicate that impacts are likely to be below applicable standards. Soil will be segregated into two piles, one for removal from the site and one for re-use. The excavation will continue to a minimum of 2 feet into the groundwater table. The horizontal extent of the excavation will include MW-101, B-4, B-208 & B-209. Excavation will continue horizontally based on PID readings and restricted by structural/safety issues at the site. The estimated excavation area is depicted in **Figure 2**.

Following the completion of soil excavation, soil samples will be collected from the side-walls and bottom of the completed excavation for analysis of VPH, EPH, RCRA-8 metals, polychlorinated bi-phenols (PCBs) and VOCs. Magnesium Peroxide will be placed in the base of the excavation below the groundwater table. Peroxide application is further described below. Following the application of peroxide, the excavation will be backfilled with reusable material and clean fill. The surface will be re-paved.

#### **Groundwater Treatment:**

As calculated above, approximately 290,000 gallons of impacted groundwater is expected to be present at the site. Based on worst case concentrations throughout the entire 290,000 gallons of groundwater, a total of approximately 45.5 kilograms (kg) of contaminants exists at the site in solute phase. Based on worst case concentrations in the 200 cubic yards of impacted soil expected to remain after the excavation, a total of approximately 363 kg of contaminants exist at the site in sorbed phase. Based on industry literature, approximately 2.5 grams of oxygen are required for each gram of hydrocarbon (Hazardous Waste Management, 1994) for the complete destruction of hydrocarbons. Based on this calculation, a total of 1,020 kg of oxygen is required to remediate the soil and groundwater at the site. A presentation of the estimated required mass of calcium or magnesium peroxide is included in **Attachment A**, along with the above calculations.

These calculations are only approximations based on ideal conditions and complete destruction of contaminants may be affected by unknown site conditions. A substantially smaller mass of oxygen will be required to reduce the contaminant concentrations below applicable standards. In addition, they also do not account for available dissolved oxygen in the aquifer or the partial degradation of contaminants to meet applicable

standards. The delivery of dissolved oxygen by the environment is calculated in **Attachment A.**

Following soil excavation, approximately 500 kg (1,102 pounds), of magnesium peroxide in powdered form will be placed in the base of the excavation with clean fill material. Sand and/or gravel material will be used in below the water table in order to facilitate migration of groundwater with higher dissolved oxygen. The powder will be placed in the base of the excavation below the water table. Monitoring of the injection is outlined in following sections.

#### **4.6 Relevant Design and Operating Parameters**

The design criteria for the injection of soil excavation are outlined below:

- Disruption of the Existing Site Business – The excavation will be limited to the area of the site, which receives the least traffic and is not essential to the continuous operation of the existing operation at the site.
- Mass Removal – Limited soil excavation is the most efficient form of mass removal in this area, since the oil/water separator (potential source) must be removed.
- Groundwater treatment – the excavation must extend into the groundwater in order to allow for the injection of magnesium peroxide.
- Site constraints/structural constraints – the excavation will be limited to avoid undermining the structural integrity of the site building. In addition the excavation will be limited on the east and west sides in order to allow for vehicular access to the site for business.
- Cost – the extent of the excavation will be limited to the area around the oil water separator in order to limit disposal and restoration costs.

The design criteria for the injection of ORM are outlined below

- Available oxygen – magnesium peroxide has more available oxygen per unit mass than calcium peroxide.
- Cost – while magnesium peroxide is more expensive per unit mass, the required mass is smaller than calcium peroxide.
- Delivery - magnesium peroxide is easily delivered to a large area, while the excavation is already open.
- Disruption of the Existing Site Business – The excavation will be limited to the area of the site, which receives the least traffic and is not essential to the continuous operation of the existing operation at the site.
- Safety and Security – this methodology requires no safety and security following the initial application.



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-101

RELEASE LOG FORM

Release Tracking Number

4-11592

A. LOG INFORMATION:

Log Date: 9-18-95
Log Time: 12:00

TYPE OF CALL (check one):
[X] Release or TOR
[ ] Complaint [ ] Inquiry

DISPOSITION OF CALL (check the one most applicable disposition below):

If selecting one of the two following options, assign a Release Tracking Number (RTN) in the space provided above:

[X] Reportable Release or Threat of Release
[ ] Release or Threat of Release Less Than Reporting Threshold

Check one:
[ ] AM [X] PM

CALLER (check one):
[ ] PRP
[ ] Public Safety Official
[ ] Other Government Agency
[ ] Citizen
[ ] Anonymous
[X] LSP or PRP Agent
[ ] Other Person:

Select one of the two following options only if an RTN was previously assigned:

[ ] Release Notification Retraction (with BWSC-103)
[ ] Not a 21E Release

If selecting any option below, do not assign an RTN:

[ ] Release or Threat of Release Exempt from Reporting Requirements (not referred)
[ ] Report Referred to Other Agency or Division
[ ] Referred To:
[ ] No Action Taken

Use of Form: (check one)
[X] Initial Office
[ ] Boston
[ ] Amended

Reporting Person: Deborah Mangini
Telephone: 617-461-4608 Ext.:
Organization: Shell Oil / Env. Eng.

B. RELEASE OR THREAT OF RELEASE LOCATION:

Street: 33 Mariano Bishop Blvd Location Aid: Shell Station

City/Town: Fall River Adequately Regulated Status: Fee Status:

Type of Location (check all that apply): [X] Commercial [ ] Industrial [ ] Residential [ ] School [ ] Municipal [ ] State
[ ] Federal [ ] Right of Way [ ] Roadway [ ] Water Body [ ] Open Space Other:

Release Tracking Number of Associated Transition or Tier Classified Site, if any:

C. RELEASE OR THREAT OF RELEASE (TOR) INFORMATION:

Notification Date, if different from log date: 8/3/95

"One Year" Status Date, if not one year after notification date: 8/3/96

Date and time reporting person obtained knowledge of the Release or TOR. Date: 6/30/95 Time: [ ] AM [ ] PM

IF KNOWN, record date and time Release or TOR occurred. Date: Time: [ ] AM [ ] PM

Check all conditions that apply to the Release or Threat of Release:

2 HOUR REPORTING CONDITIONS

- [ ] Sudden Release
[ ] Threat of Sudden Release
[ ] Oil Sheen on Surface Water
[ ] Poses Imminent Hazard
[ ] Could Pose Imminent Hazard
[ ] Release Detected in Private Well
[ ] Release to Storm Drain
[ ] Sanitary Sewer Release (Imminent Hazard Only)

72 HOUR REPORTING CONDITIONS

- [ ] Subsurface NAPL = or > 1/2 inch
[ ] UST Release
[ ] Threat of UST Release
[ ] Release to Groundwater near Water Supply
[ ] Release to Groundwater near School or Residence

120 DAY REPORTING CONDITIONS

- [ ] Release of HM(s) to Soil or Groundwater > RC(s)
[X] Release of Oil to Soil > RC(s) and Affecting > 2 Cubic Yards
[X] Release of Oil to Groundwater > RC(s)
[ ] Subsurface NAPL = or > 1/8 inch and < 1/2 inch
[ ] Check here if Substantial Release Migration exists in connection with 120 Day Reporting Conditions

Source of Release or TOR (check all that apply): [ ] UST [ ] Pipe/Hose/Line [ ] AST [ ] Drums [ ] Transformer [ ] Boat

[ ] Tanker Truck [ ] Vehicle [X] Unknown [ ] Other Specify:

Federal LUST Eligible? [ ] Yes [ ] No [X] Unknown

SECTION C IS CONTINUED ON THE NEXT PAGE.



RELEASE LOG FORM

Release Tracking Number

4 - 11592

C. RELEASE OR THREAT OF RELEASE (TOR) INFORMATION: (continued)

Type of Release or TOR (check all that apply):  Leak  Spill  Rupture  Dumping  Tank Removal  Overfill  
 Vehicle Accident  Test Failure  Fire  Threat Only  Unknown  Other Specify: \_\_\_\_\_  
Identify Media and Receptors Affected: (check all that apply)  Air  Groundwater  Surface Water  Sediments  Soil  
 Wetlands  Storm Drain  Paved Surface  Private Well  Public Water Supply  Zone 2  Residence  
 School  Unknown  Other Specify: \_\_\_\_\_

O or HM Released	O HM (check one)	CAS # (if known)	Amount or Concentration	Units	Reportable Concentrations Exceeded, if Applicable
Benzene	<input checked="" type="checkbox"/>		540	ppb	RCGW-1 = 5 ppb
Toluene	<input checked="" type="checkbox"/>		20,000	"	" = 1,000
Ethyl Benzene	<input checked="" type="checkbox"/>		6,600	"	" = 700
Xylenes	<input checked="" type="checkbox"/>		23,000	"	" = 10,000
MTBE	<input checked="" type="checkbox"/>		8,200	"	" = 8,200
Trichloroethene	<input type="checkbox"/> <input checked="" type="checkbox"/>		4.0	"	" = 0.4 (5-1)

D. PRP INFORMATION:  
 PRP Unknown  PRP Performing Response Actions  Check here if additional involved parties are listed on an RLFA.  
 PRP Unwilling or Unable to Perform Response Actions. Who is?  DEP  Other Person Who: \_\_\_\_\_  
Name of PRP Organization: Shell Oil Products Co.  
Name of PRP Contact: Deborah A. Mangini Title: Env Eng  
Street: 400 Blue Hill Drive  Check here if this PRP received a field NOR.  
City/Town: Westwood State: MA ZIP Code: 02090  
Telephone: 617-461-4608 Ext.: \_\_\_\_\_ FAX: \_\_\_\_\_

E. CONTRACTOR:  
Contractor Name: Lincoln Env Telephone: \_\_\_\_\_ Ext.: \_\_\_\_\_  
Name of Contact: Richard Kowalski  Check here if this is a State Contractor.

F. LSP:  
LSP Name: same LSP Number: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Ext.: \_\_\_\_\_ FAX: \_\_\_\_\_

G. MCP RESPONSE ACTIONS: (check any that apply)  
 IRA Assessment Only  IRA Oral Plan Approved\*  IRA Oral Plan Denied  
 Oral RAM Plan Approved\*  Oral RAM Plan Denied  Notice of Intent to Conduct a URAM  
Date of Action, if different from Log Date: \_\_\_\_\_ \* Provide details of approved plans on an RLFA.  
 Check here if soil was removed from the site prior to notification.  Check here if the soil was removed as part of an UST closure.  
Quantity of soil previously removed and destination: \_\_\_\_\_

H. DEP ASSIGNMENT:  
RNF Submittal Requested:  No  Yes From Who: Rec'd  
Provisions of 21E Explained:  Yes  No Why Not: \_\_\_\_\_  
Prepared By: Julie Hutcherson Regional Use: \_\_\_\_\_  
Signature: \_\_\_\_\_ Number of RLFA Pages Attached: \_\_\_\_\_  
Staff Lead Assigned (if different from Preparer): \_\_\_\_\_  Check here if Release or TOR is unassigned.

Only PRP submitted



The following releases or spills of petroleum products were identified as potential sources of gasoline impact identified at the site based upon a review of the EPA and MADEP databases and their location with respect to the Shell property and to the apparent groundwater flow direction (Figure 1):

- The subject site reported a release of miscellaneous oil from a UST on February 14, 1989, and a release of gasoline from a UST during tank removal operations on February 25, 1991. The amounts of oil and gasoline released are unknown.
  - A gasoline spill from a UST during tank removal at an unknown facility at the corner of Canning Boulevard and Tucker Street was reported on March 2, 1989.
  - The Mobil gasoline station located across the street from the subject site at 328 Tucker Road (also referenced by address 408 Rhode Island Road) reported a release of gasoline from a UST during tank removal operations May 29, 1991. The quantity reported is listed as a sheen.
- The Mobil station also reported a release of petroleum product (quantity unknown) from a UST on March 3, 1993. The type of operation being performed during this release, i.e., tank removal, tank overflow, etc., is unknown.

Underground storage tank (UST) information was obtained from records maintained by the Fall River Fire Department and Shell. Present and historical UST data for the referenced site and for the Mobil Gasoline Station located at 328 Tucker Road is summarized in **Table 1**.

Past and present site ownership and usage was obtained from the City Assessor's Office and is summarized in **Table 2**.

## 2.0 Site Plan, Groundwater Flow Direction, and Site Abutter's Map

A Site Plan indicating the assumed groundwater flow direction is included as **Figure 1**. The assumed groundwater flow direction is based upon water level gauging data obtained on March 29, 1995.

**Table 1**  
 Underground Storage Tank Data

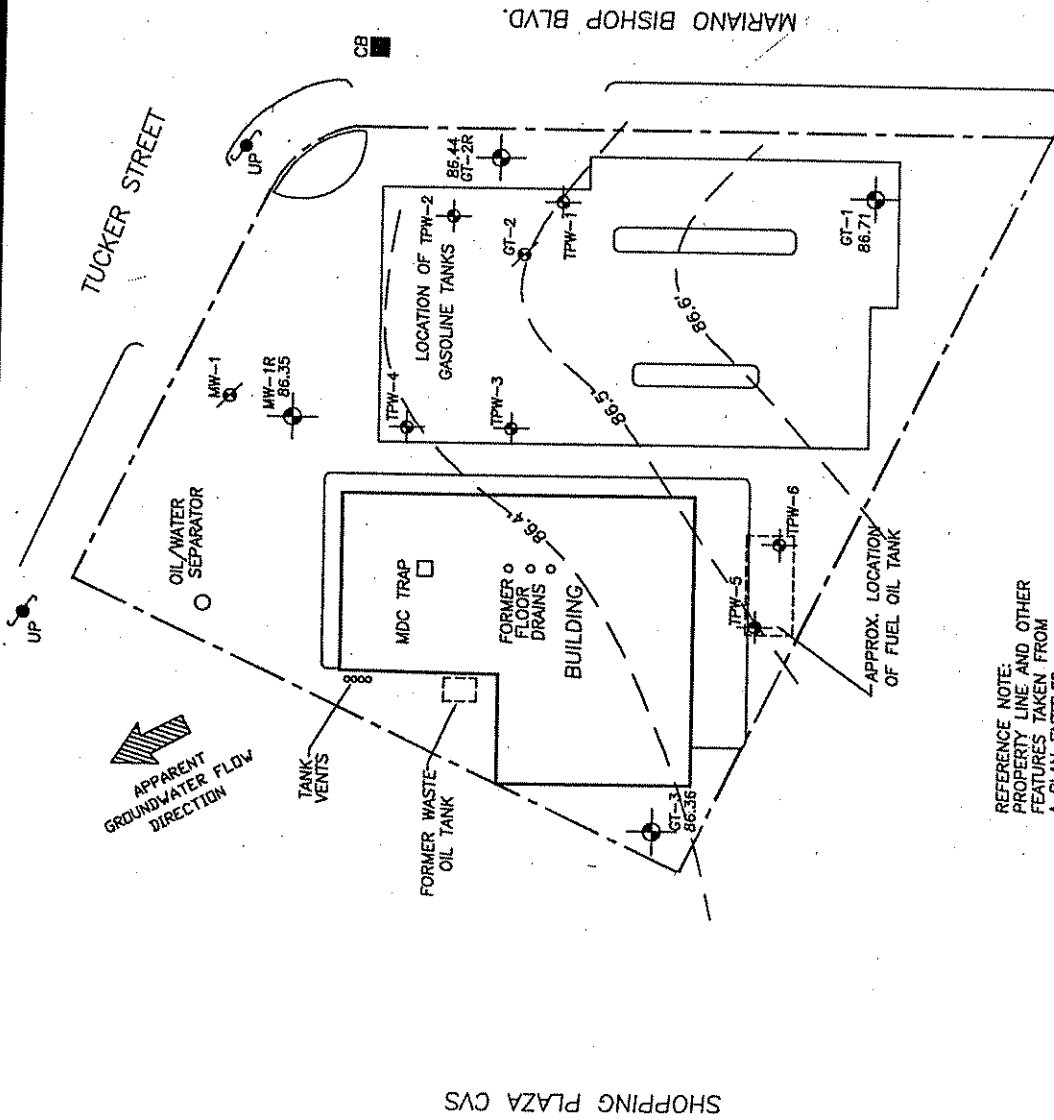
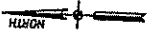
Tank Location	Tank ID	Volume	Contents	Construction	Installed	Status
Shell Oil Products Co. 33 Mariano Bishop Blvd.	1	5,000	Gasoline	Steel	1965	Removed 1991
	2	5,000	Gasoline	Steel	1965	Removed 1991
	3	5,000	Gasoline	Steel	1965	Removed 1991
	4	5,000	Gasoline	Steel	1965	Removed 1991
	5	550	Fuel Oil	Steel	1965	Removed 1991
	6	550	Waste Oil	Steel	1965	Removed 1991
	7	10,000	Gasoline	Fiberglass	1982	Removed 1991
	8	12,000	Gasoline	Fiberglass	1991	In Use
	9	12,000	Gasoline	Fiberglass	1991	In Use
	10	12,000	Gasoline	Fiberglass	1991	In Use
	11	1,000	Fuel Oil	Fiberglass	1991	In Use

Data compiled from Shell and Fall River Fire Department records.

Table 1, continued

Tank Location	Tank ID	Volume	Contents	Construction	Installed	Status
Mobil Gas Station 328 Tucker Road	1	8,000	Gasoline	Unknown	1964	Removed 1990
	2	6,000	Gasoline	Unknown	1964	Removed 1990
	3	6,000	Gasoline	Unknown	1964	Removed 1990
	4	500	Waste Oil	Unknown	1964	Removed 1990
	5	500	Fuel Oil	Unknown	1964	Removed 1990
	6	10,000	Gasoline	Fiberglass	1990	In Use
	7	10,000	Gasoline	Fiberglass	1990	In Use
	8	10,000	Gasoline	Fiberglass	1990	In Use
	9	10,000	Gasoline	Fiberglass	1990	In Use
	10	1,000	Waste Oil	Fiberglass	1990	In Use

Data compiled from Fall River Fire Department records.



MW-1 DESTROYED MONITORING WELL  
 MW-1R 86.35  
 TPW-1 86.5  
 TPW-2 85.44  
 TPW-3  
 TPW-4  
 TPW-5 86.36  
 TPW-6  
 GT-1 86.71  
 GT-2  
 GT-3 86.36  
 GT-2R 85.44  
 NG NOT GAUGED/INACCESSIBLE  
 -92.00- POTENTIOMETRIC CONTOUR  
 DATA OBTAINED 10/2/1995

REFERENCE NOTE:  
 PROPERTY LINE AND OTHER  
 FEATURES TAKEN FROM  
 A PLAN ENTITLED:  
 WATER TABLE ELEVATION CONTOUR MAP  
 BY: GROUNDWATER TECH.  
 1" = 20' DATE 1/23/92

NOTE: MW-1 & GT-2 ADDED 7/20/95

FIGURE 1

SHELL OIL PRODUCTS COMPANY  
 33 MARIANO BISHOP BLVD  
 FALL RIVER, MA  
 WIC # 220-2550-0101

**Lincoln Environmental**  
 Smithfield, Rhode Island (401)232-3553

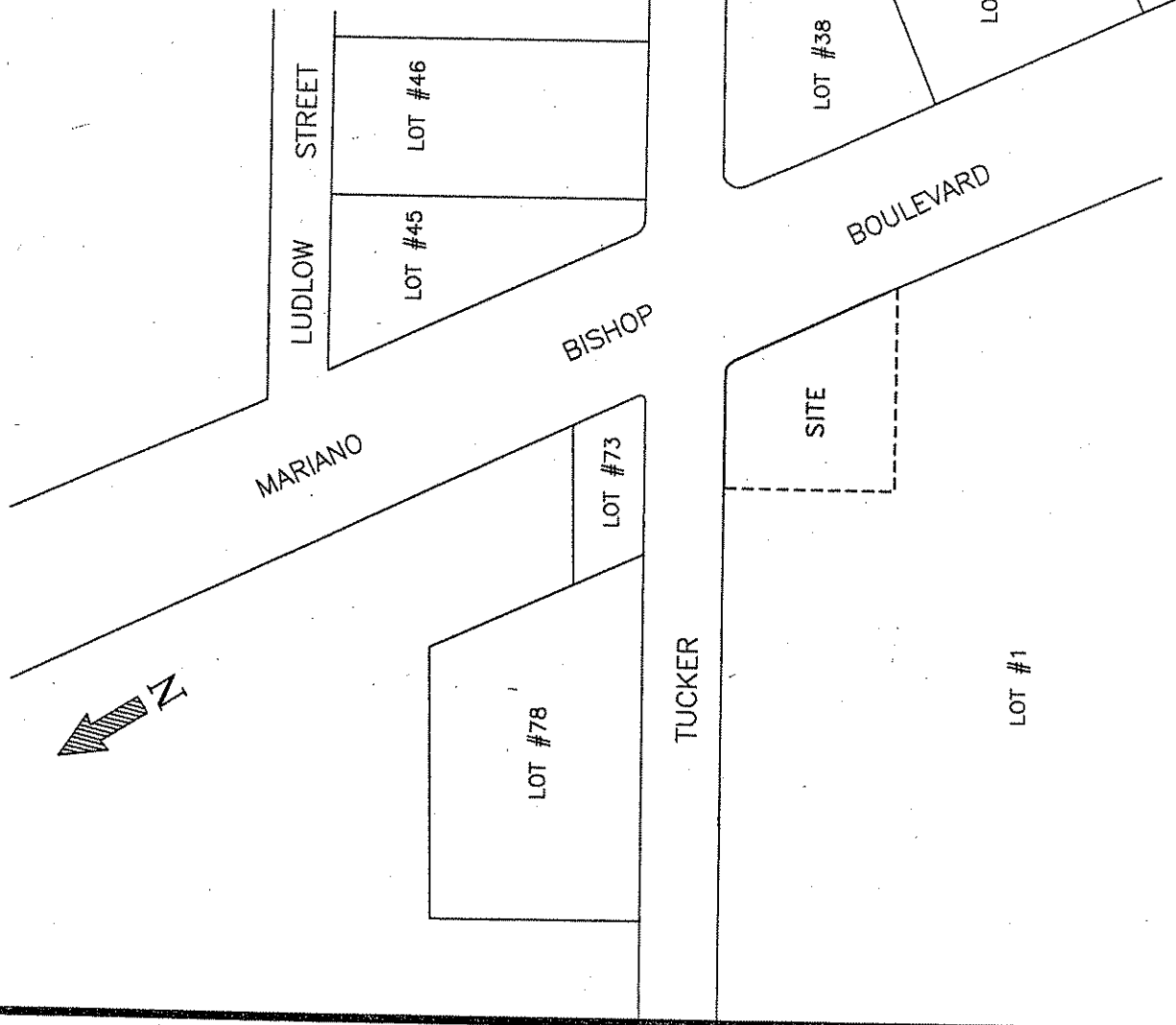
**SITE MONITORING DIAGRAM**  
 FOR DATE 10/2/1995  
 SCALE: 1" = 30'

DWG: SR5014  
 BY: DJM

DATE: 10/2/1995  
 LE JOB NO: SR5014

GRAPHIC SCALE IN FEET

LOT #	USAGE
LOT #1	SHELL GASOLINE STATION, FALL RIVER SHOPPING CENTER, WENDY'S RESTAURANT
LOT #38	D'ANGELO'S SANDWICH SHOP, PIZZA HUT
LOT #39	MCDONALD'S RESTAURANT
LOTS #45 & 46	MOBIL GASOLINE STATION
LOT #73	CROSBY CYCLE
LOT #78	PIECE GOODS SHOP, NEW ENGLAND HOUSE OF PIZZA, SOMERSET PAINT & WALLPAPER



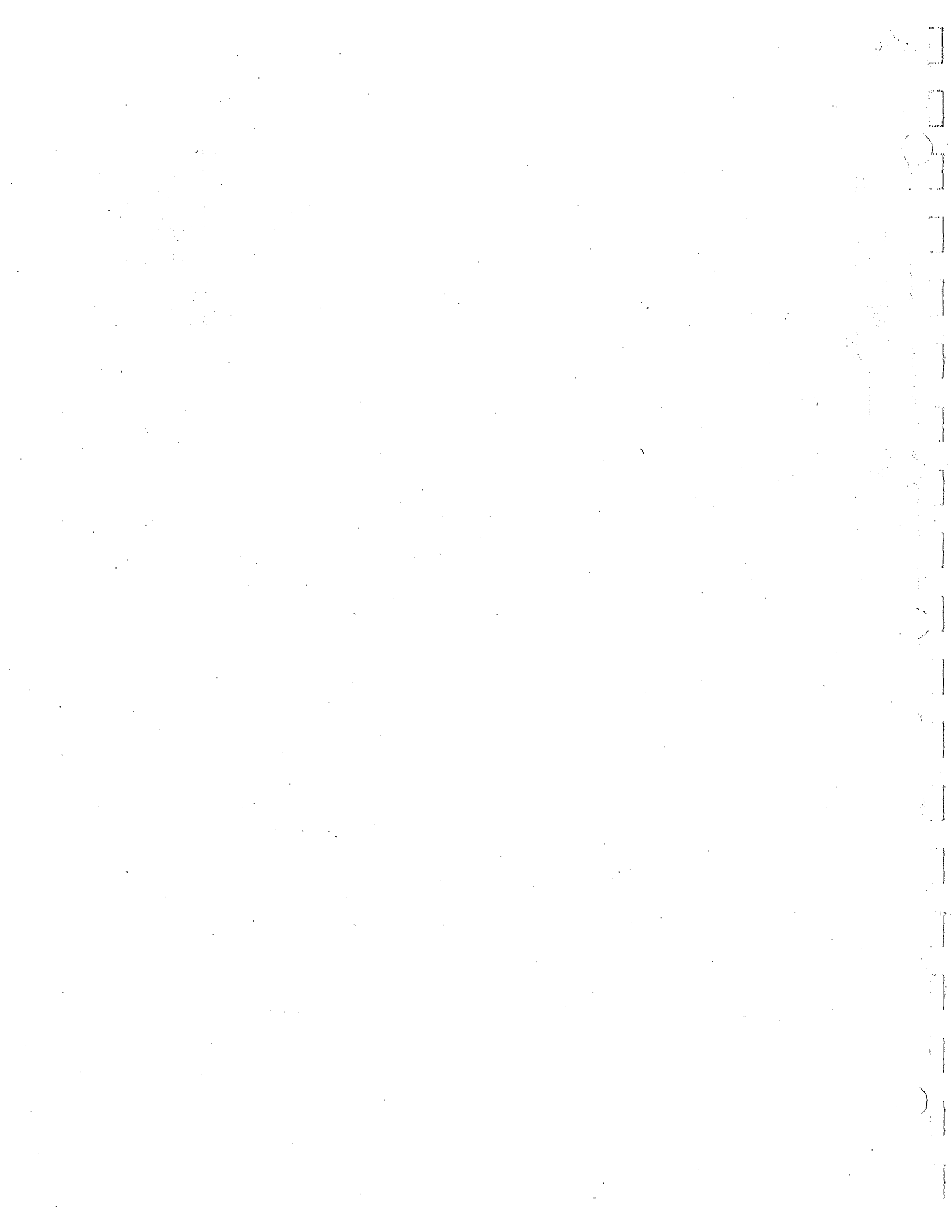
----- LEASE LINE

NOTE: DRAWING BASED ON TOWN OF FALL RIVER, MA ASSESSORS' MAPS.

FIGURE 2

**LINCOLN ENVIRONMENTAL**  
 SITE ABUTTERS MAP  
 SHELL OIL PRODUCTS COMPANY  
 33 MARIANO BISHOP BLVD.  
 FALL RIVER, MA  
 WIC #: 220-2550-0101

DATE : 10/17/95 DWG NO:SR5014P  
 DRAWN BY : JM LE JOB NO.SR5014





Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC-102A

Release Tracking Number

A-15806

RELEASE LOG FORM ATTACHMENT

A. LOG/RELEASE LOCATION INFORMATION: (complete if using BWSC-102A and 102B or BWSC-102A only)

City/Town: Fall River Date: 10/10/00 Time: 10:00  AM  PM

Release Address: 103 Rhode Island Drive

Use of Attachment (check one):  Amendment to Release Log Form  Attachment Page(s): \_\_\_\_\_ of \_\_\_\_\_

B. ORAL PLAN SUMMARY: (check all that apply)

- Removal of Contaminated Soils
  - Re-use or Recycling
    - On Site  Off Site Volume: \_\_\_\_\_ cubic yards
  - Treat  On Site  Off Site Volume: \_\_\_\_\_ cubic yards
    - Describe: \_\_\_\_\_
  - Store  On Site  Off Site Volume: \_\_\_\_\_ cubic yards
  - Landfill  Cover  Disposal Volume: \_\_\_\_\_ cubic yards
- Removal of Drums, Tanks or Containers
  - Describe: \_\_\_\_\_
- Removal of Other Contaminated Media
  - Specify Type and Volume: \_\_\_\_\_
- Other Response Actions Describe: \_\_\_\_\_

- Deployment of Absorbent or Containment Materials
- Temporary Covers or Caps
- Bioremediation
- Soil Vapor Extraction
- Structure Venting System
- Product or NAPL Recovery
- Groundwater Treatment Systems
- Air Sparging
- Temporary Water Supplies
- Temporary Evacuation or Relocation of Residents
- Fencing and Sign Posting

Check here if this Release or Threat of Release is a candidate for future presumptive approval of an IRA or RAM Written Plan.

Check one of the following:  Oral IRA Plan Approval  Oral RAM Plan Approval  Oral IRA Plan Modification Approval

Other Comments: - Mobil consultant bailed well -  
10/6/00. Well not checked since 10/6/00  
No release from current system. Probe from  
will re-graze all wells. Will call back with IRP.

C. ADDITIONAL INVOLVED PERSON INFORMATION:

Check One:  PRP  PRP Local Contact  Other Person Performing Response Action

Other Relationship Specify: \_\_\_\_\_

Name of Organization: \_\_\_\_\_

Name of Contact: \_\_\_\_\_ Title: \_\_\_\_\_

Street: \_\_\_\_\_  Check here if this person received a field NOR.

City/Town: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_

Telephone: \_\_\_\_\_ Ext.: \_\_\_\_\_ FAX: \_\_\_\_\_

DEP ASSIGNMENT: (complete if using only BWSC-102A)

Preparer of RLFA (please print): \_\_\_\_\_ Signature: [Signature]

Staff Lead Assigned (if different from preparer): \_\_\_\_\_

Check here if the Release or Threat of Release is unassigned.

Check here if this RLFA records a change in staff lead.



Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC

RELEASE LOG FORM

Release Tracking Number

A-15086

C. RELEASE OR THREAT OF RELEASE (TOR) INFORMATION: (continued)

Type of Release or TOR (check all that apply):  Leak  Spill  Rupture  Dumping  Tank Removal  Overfill  
 Vehicle Accident  Test Failure  Fire  Threat Only  Unknown  Other Specify: \_\_\_\_\_

Identify Media and Receptors Affected: (check all that apply)  Air  Groundwater  Surface Water  Sediments  Soil  
 Wetlands  Storm Drain  Paved Surface  Private Well  Public Water Supply  Zone 2  Residence  
 School  Unknown  Other Specify: \_\_\_\_\_

O or HM Released (check one) CAS # (if known) Amount or Conc. Units RCs Exceeded?  
Gasoline   HM \_\_\_\_\_ 7 inches

Description of Release or Threat of Release: Mobil Consultant analyzing MWs discovered 7 inches of NAPL in one MW (MW - CES 3). Reported finding to Drake Petroleum, New Orleans. Reported release to LSP. O.S.T. 10/7/00.

D. PRP INFORMATION:

PRP Unknown  PRP Performing Response Actions  Check here if additional involved parties are listed on an RLFA.  
 PRP Unwilling or Unable to Perform Response Actions. Who is?  DEP  Other Person Who: \_\_\_\_\_  
Name of PRP Organization: Drake Petroleum Corp.  
Name of PRP Contact: Grey Plumer Title: Vice President  
Street: 355 Apple's Ave  Check here if this PRP received a field NOR.  
City/Town: Providence State: MA ZIP Code: 02905  
Telephone: 401-781-9100 Ext.: \_\_\_\_\_ FAX: \_\_\_\_\_

E. CONTRACTOR:

Contractor Name: Rhode Island Hydrolics Telephone: \_\_\_\_\_ Ext.: \_\_\_\_\_  
Name of Contact: David Hoffman  Check here if this is a State Contractor.

F. LSP:

LSP Name: Anne Hoffman LSP Number: \_\_\_\_\_  
Telephone: 401-792-8260 Ext.: \_\_\_\_\_ FAX: \_\_\_\_\_

G. MCP RESPONSE ACTIONS: (check any that apply)

IRA Assessment Only  IRA Oral Plan Approved\*  IRA Oral Plan Denied  IRA Pre-notification  
 Oral RAM Plan Approved\*  Oral RAM Plan Denied  Notice of Intent to Conduct a URAM  
Date of Action, if different from Log Date: \_\_\_\_\_ \* Provide details of approved plans on an RLFA.  
 Check here if soil was removed from the site prior to notification.  Check here if the soil was removed as part of an UST closure.  
Quantity of soil previously removed and destination: \_\_\_\_\_

H. DEP ASSIGNMENT:

RNF Submittal Requested:  No  Yes From Who: \_\_\_\_\_  
Provisions of 21E Explained:  Yes  No Why Not: \_\_\_\_\_  
Prepared By: [Signature] Regional Use: \_\_\_\_\_  
Staff Lead Assigned (if different from Preparer): \_\_\_\_\_ Number of RLFA Pages Attached: \_\_\_\_\_  
 Check here if Release or TOR is unassigned.





Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC-101

RELEASE LOG FORM

Release Tracking Number

4-15806

A. LOG INFORMATION:

Log Date: 10/10/00  
Log Time: 10:00

Check one:  
 AM  PM

Use of Form:  
(check one)  
 Initial Office  
 Boston  
 Amended

TYPE OF CALL (check one):  
 Release or TOR  
 Complaint  Inquiry  
CALLER (check one):  
 PRP  
 Public Safety Official  
 Other Government Agency  
 Citizen  
 Anonymous  
 LSP or PRP Agent  
 Other Person:

DISPOSITION OF CALL (check the one most applicable disposition below):

If selecting one of the two following options, assign a Release Tracking Number (RTN) in the space provided above:  
 Reportable Release or Threat of Release  
 Release or Threat of Release Less Than Reporting Threshold

Select one of the two following options only if an RTN was previously assigned:

Release Notification Retraction (with BWSC-103 only)  
 Not a 21E Release

If selecting any option below, do not assign an RTN:

Release or Threat of Release Exempt from Reporting Requirements (not referred)  
 Report Referred to Other Agency or Division

Reporting Person: Anne Haffey

Telephone: 401-792-8260 Ext:

Organization: Applied EnviroTech

No Action Taken  Site Visit  Compliance Site Visit

B. RELEASE OR THREAT OF RELEASE LOCATION:

Street: 405 Rte de l'Island Ave Location Aid: Gas Station  
Town: Fall River Adequately Regulated Status: Fee Status:

Type of Location (check all that apply):  
 Commercial  Industrial  Residential  School  Municipal  State  
 Federal  Right of Way  Roadway  Water Body  Open Space Other:

Release Tracking Number of Associated Transition or Tier Classified Site, if any: H-1066 H-11706

C. RELEASE OR THREAT OF RELEASE (TOR) INFORMATION:

Notification Date, if different from log date:

"One Year" Status Date, if not one year after notification date:

Date and time reporting person obtained knowledge of the Release or TOR. Date: 10/7/00 Time: 10:00  AM  PM

IF KNOWN, record date and time Release or TOR occurred. Date: Unknown Time:  AM  PM

Check all conditions that apply to the Release or Threat of Release:

2 HOUR REPORTING CONDITIONS

- Sudden Release
- Threat of Sudden Release
- Oil Sheen on Surface Water
- Poses Imminent Hazard
- Could Pose Imminent Hazard
- Release Detected in Private Well
- Release to Storm Drain
- Sanitary Sewer Release (Imminent Hazard Only)

72 HOUR REPORTING CONDITIONS

- Subsurface NAPL = or > 1/2 Inch
- UST Release
- Threat of UST Release
- Release to Groundwater near Water Supply
- Release to Groundwater near School or Residence

120 DAY REPORTING CONDITIONS

- Release of HM(s) to Soil or Groundwater > RC(s)
- Release of Oil to Soil > RC(s) and Affecting > 2 Cubic Yards
- Release of Oil to Groundwater > RC(s)
- Subsurface NAPL = or > 1/8 Inch and < 1/2 Inch
- Check here if Substantial Release Migration exists in connection with 120 Day Reporting Conditions

Source of Release or TOR (check all that apply):  
 UST  Pipe/Hose/Line  AST  Drums  Transformer  Boat  
 Tanker Truck  Vehicle  Unknown  Other Specify:

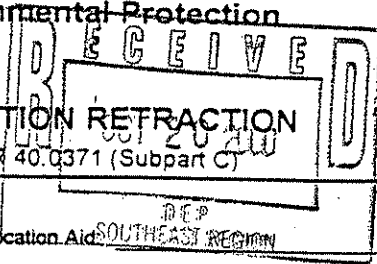
Federal LUST Eligible?  Yes  No  Unknown

SECTION C IS CONTINUED ON THE NEXT PAGE.



RELEASE NOTIFICATION & NOTIFICATION RETRACTION  
FORM Pursuant to 310 CMR 40.0335 and 310 CMR 40.0371 (Subpart C)

Release Tracking Number  
15806  
If assigned by DEP



RELEASE OR THREAT OF RELEASE LOCATION:

Street: 408 Rhode Island Avenue

Location Aid: DEP SOUTHEAST REGION

City/Town: Fall River

ZIP Code:

B. THIS FORM IS BEING USED TO: (check one)

- Submit a Release Notification (complete all sections of this form).
- Submit a Retraction of a Previously Reported Notification of a Release or Threat of Release (complete Sections A, B, E, F and G of this form). You MUST attach the supporting documentation required by 310 CMR 40.0335.

C. INFORMATION DESCRIBING THE RELEASE OR THREAT OF RELEASE (TOR):

Date and time you obtained knowledge of the Release or TOR. Date: 10-6-00 Time: 1:00 Specify:  AM  PM

The date you obtained knowledge is always required. The time you obtained knowledge is not required if reporting only 120 Day Conditions.

F KNOWN, record date and time release or TOR occurred. Date: Time: Specify:  AM  PM

Check here if you previously provided an Oral Notification to DEP (2 Hour and 72 Hour Reporting Conditions only).

Provide date and time of Oral Notification. Date: 10-9-00 and 10-10-00 Time: 9:00 and 10:00 Specify:  AM  PM

Check all Notification Thresholds that apply to the Release or Threat of Release: (for more information see 310 CMR 40.0310 - 40.0315)

- |  |  |  |
|--|--|--|
| <p><b>2 HOUR REPORTING CONDITIONS</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Sudden Release</li> <li><input type="checkbox"/> Threat of Sudden Release</li> <li><input type="checkbox"/> Oil Sheen on Surface Water</li> <li><input type="checkbox"/> Poses Imminent Hazard</li> <li><input type="checkbox"/> Could Pose Imminent Hazard</li> <li><input type="checkbox"/> Release Detected in Private Well</li> <li><input type="checkbox"/> Release to Storm Drain</li> <li><input type="checkbox"/> Sanitary Sewer Release (Imminent Hazard Only)</li> </ul> | <p><b>72 HOUR REPORTING CONDITIONS</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/2 Inch</li> <li><input checked="" type="checkbox"/> Underground Storage Tanks (UST) Release</li> <li><input type="checkbox"/> Threat of UST Release</li> <li><input type="checkbox"/> Release to Groundwater near Water Supply</li> <li><input type="checkbox"/> Release to Groundwater near School or Residence</li> </ul> | <p><b>120 DAY REPORTING CONDITIONS</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Release of Hazardous Material(s) to Soil or Groundwater Exceeding Reportable Concentration(s)</li> <li><input type="checkbox"/> Release of Oil to Soil Exceeding Reportable Concentration(s) and Affecting More than 2 Cubic Yards</li> <li><input type="checkbox"/> Release of Oil to Groundwater Exceeding Reportable Concentration(s)</li> <li><input type="checkbox"/> Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/8 Inch and Less than 1/2 Inch</li> </ul> |
|--|--|--|

Below the Oils or Hazardous Materials that exceed their Reportable Concentration or Reportable Quantity by the greatest amount. If necessary, attach a list of additional Oil and Hazardous Material substances subject to reporting.

Name and Quantities of Oils (O) and Hazardous Materials (HM) Released:

O or HM Released	O HM (check one)	CAS # (if known)	Amount or Concentration	Units	Reportable Concentrations Exceeded, if Applicable (RCS-1, RCS-2, RCGW-1, RCGW-2)
Gasoline	<input type="checkbox"/> <input type="checkbox"/>				RCS-1/RCG W-2
	<input type="checkbox"/> <input type="checkbox"/>				
	<input type="checkbox"/> <input type="checkbox"/>				

ADDITIONAL INVOLVED PARTIES:

Check here if attaching names and addresses of owners of properties affected by the Release or Threat of Release, other than an owner who is submitting this Release Notification (required).

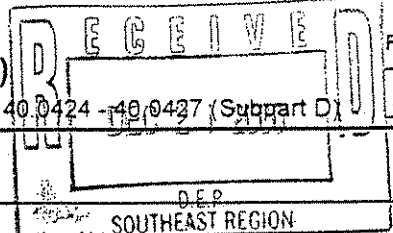
Check here if attaching Licensed Site Professional (LSP) name and address (optional).

You may write in names and addresses on the bottom of the second page of this form.

IMMEDIATE RESPONSE ACTION (IRA)  
TRANSMITTAL FORM Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

Release Tracking Number

4-15,806



RELEASE OR THREAT OF RELEASE LOCATION:

Release Name: (optional) Mobil Service Station

Street: 408 Rhode Island Avenue

Location Aid: SOUTHEAST REGION

City/Town: Fall River

ZIP Code:

- Check here if a Tier Classification Submittal has been provided to DEP for this Release Tracking Number.
- Check here if this location is Adequately Regulated, pursuant to 310 CMR 40.0110-0114.
- Specify Program:  CERCLA  HSWA Corrective Action  Solid Waste Management  RCRA State Program (21C Facilities)

Related Release Tracking Numbers That This IRA Addresses:

THIS FORM IS BEING USED TO: (check all that apply)

- Submit an IRA Plan (complete Sections A, B, C, D, E, H, I, J and K).
  - Check here if this IRA Plan is an update or modification of a previously approved written IRA Plan. Date Submitted: \_\_\_\_\_
- Submit an Imminent Hazard Evaluation (complete Sections A, B, C, F, H, I, J and K).
- Submit an IRA Status Report (complete Sections A, B, C, E, H, I, J and K).
- Submit a Request to Terminate an Active Remedial System and/or Terminate a Continuing Response Action(s) Taken to Address an Imminent Hazard (complete Sections A, B, C, D, E, H, I, J and K).
- Submit an IRA Completion Statement (complete Sections A, B, C, D, E, G, H, I, J and K).

You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.

RELEASE OR THREAT OF RELEASE CONDITIONS THAT WARRANT IRA:

- Media and Receptors Affected: (check all that apply)
- Air  Groundwater  Surface Water  Sediments  Soil
  - Wetland  Storm Drain  Paved Surface  Private Well  Public Water Supply  Zone 2  Residence
  - School  Unknown  Other Specify: \_\_\_\_\_

Identify Conditions That Require IRA, Pursuant to 310 CMR 40.0412: (check all that apply)  2 Hour Reporting Condition(s)

- 72 Hour Reporting Condition(s)  Substantial Release Migration  Other Condition(s)

Describe: Gasoline release

Identify Oils and Hazardous Materials Released: (check all that apply)  Oils  Chlorinated Solvents  Heavy Metals

Others Specify: \_\_\_\_\_

DESCRIPTION OF RESPONSE ACTIONS: (check all that apply)

- Assessment and/or Monitoring Only
- Excavation of Contaminated Soils
  - Re-use, Recycling or Treatment
    - On Site  Off Site Est. Vol.: 70 cubic yards
    - Describe: \_\_\_\_\_
  - Store  On Site  Off Site Est. Vol.: \_\_\_\_\_ cubic yards
  - Landfill  Cover  Disposal Est. Vol.: \_\_\_\_\_ cubic yards
- Removal of Drums, Tanks or Containers
  - Describe: \_\_\_\_\_
- Deployment of Absorbent or Containment Materials
- Temporary Covers or Caps
- Bioremediation
- Soil Vapor Extraction
- Structure Venting System
- Product or NAPL Recovery
- Groundwater Treatment Systems
- Air Sparging
- Temporary Water Supplies

SECTION D IS CONTINUED ON THE NEXT PAGE.

### **Summary and Conclusion**

With the discovery and mitigation of the source of LNAPL impacting monitoring well GES-3 continued visual monitoring of GES-3 and surrounding wells will be discontinued as of the week of January 1, 2001. Should the continued absence of LNAPL be confirmed in well GES-3 and surrounding wells, air monitoring will also be discontinued the week of January 1, 2001.

Applied will submit an IRA completion report following the complete removal of the trench box and piping and the additional monitoring and removal of the stockpiled soil. Applied is expecting a copy of the Exxon Mobil Phase II report by January 15, 2000. Upon review of that report combined with information developed in this IRA, Applied will recommend additional response actions as warranted.

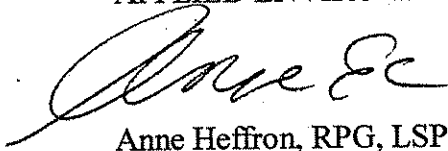
### **Remediation – Waste Management**

Petroleum contaminated soil is stored on-site and samples have been taken for off-site recycling.

### **Implementation Schedule**

Visual observation of monitoring wells and air monitoring will continue for the next two weeks. Communication with Exxon Mobil to coordinate information and conduct further response actions will be initiated and Applied will respond if additional contaminated soil is encountered over the next two weeks of pipe removal. An IRA Completion report will be submitted with additional response actions recommended if warranted. Please call me at (401) 792-8260 if you have any questions.

Sincerely,  
APPLIED ENVIRO-TECH, INC.



Anne Heffron, RPG, LSP

CC: Fall River Board of Health  
Fall River Chief Municipal Officer

**MASSACHUSETTS DEP OIL & HAZARDOUS MATERIAL INCIDENT REPORT**

(circle or fill in all that apply)

Response Date: 6/9/92 Closed:  Yes No SA #: \_\_\_\_\_ ER #: S92-0412

Initial Office Follow-up Office Initial Field Follow-up Field 21E Notification Amended

City/Town: FALL RIVER Spill Name: GASOLINE

Address: 408 Rhode Island Ave Reported: 6/9/92 Time: 8:30 AM/PM

Half Town: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Occurred: 6/8/92 Time: 5:30 AM/PM

Notifier: Robin Bunns MOBIL OIL (703)849-3330

(Name) Check if Anonymous [ ] (Affiliation) (Phone)

**PRIMARY SPILL INFORMATION**

Petroleum Hazardous / Both / Neither / Unknown

Material: Gas Amount Reported: 5  Gallons Drums Cu Yds Lbs

Virgin Waste Non-PCB / PCB \_\_\_\_\_ ppm / Unknown Amount Actual: \_\_\_\_\_ Vapors Sheen None Unknown

Environmental Impact: SOIL AIR GROUNDWATER SURFACE WATER ZONE 2 WATER SUPPLY STORM DRAIN SCHOOL

OTHER: STREET

Spill Source: U.S.T. A.S.T. TRANSFORMER VEHICLE FUEL TANK  PIPE/HOSE/LINE

BOAT DRUMS  VEHICLE TANKER TRUCK UNKNOWN OTHER: \_\_\_\_\_

Release Type:  SPILL FIRE OVERFILL TANK REMOVAL TEST FAILURE VEHICLE ACCIDENT

RUPTURE LEAK DUMPING THREAT ONLY UNKNOWN OTHER: \_\_\_\_\_

Description: 5 gallon spill at station, flushed into street

Referral Within DEP: SA HW WS SW AQC WPC MW IW ENF/SF Staff: \_\_\_\_\_

State Contractor: Used: \_\_\_\_\_ / Not Used Federal L.U.S.T. Eligible: No Yes Category: \_\_\_\_\_

Further DEP Response: Yes  No Pending Response Needed:

**PRP INFORMATION**

Name: Mobile Oil Company: \_\_\_\_\_

Address: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Business Phone: (703)849-3330 Home Phone: ( ) \_\_\_\_\_

NOR Issued:  Verbal Field Office Date: 6/9/92 Responsibility Accepted:  Yes No

PRP Contractor: N/A Contact: \_\_\_\_\_ Phone: ( ) \_\_\_\_\_

Noncompliance Issues:

**OTHER AGENCIES INVOLVED IN OR NOTIFIED OF INCIDENT**

Agency: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ Time: \_\_\_\_:\_\_\_\_ AM/PM

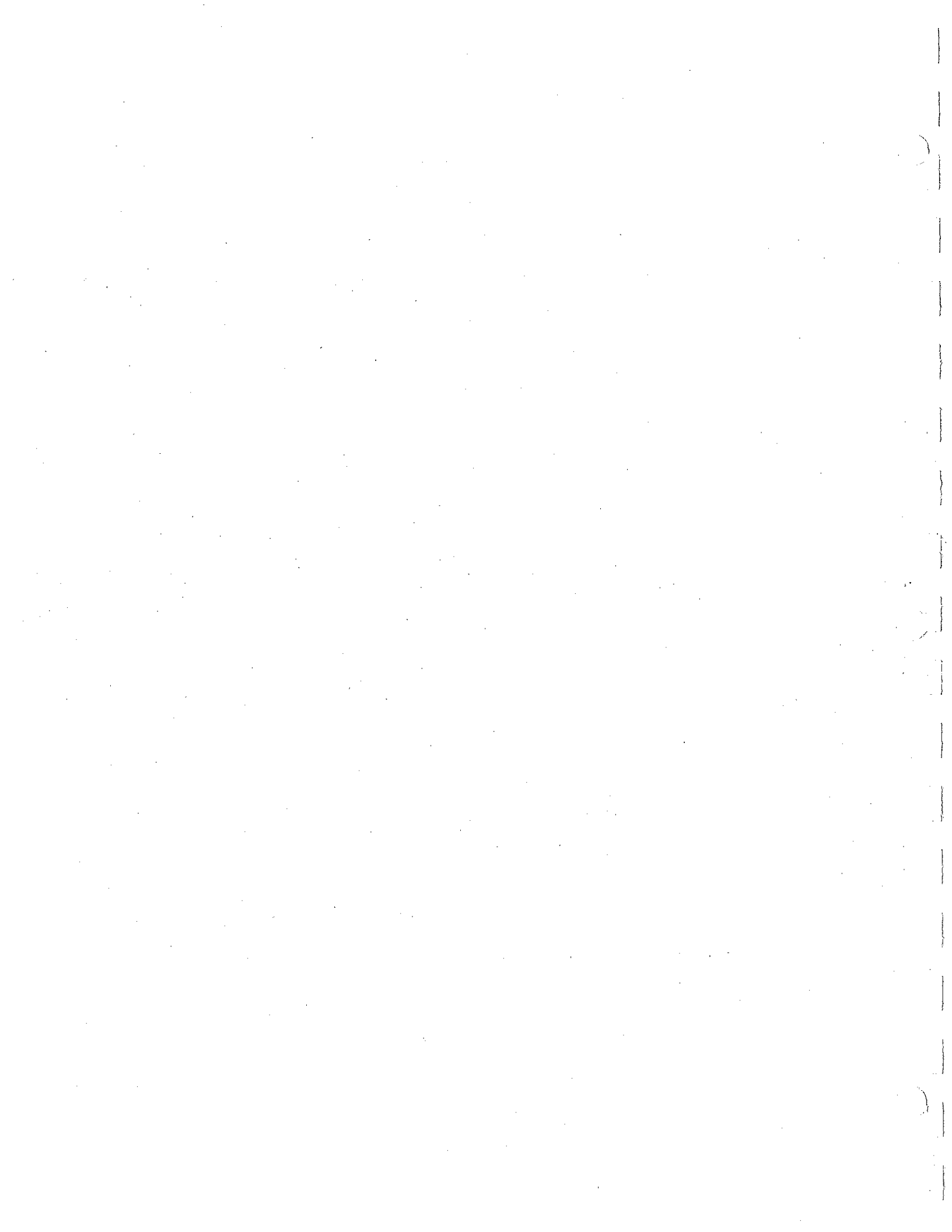
First Contact By: DEP OTHER AGENCY Phone: ( ) \_\_\_\_\_ Contact: \_\_\_\_\_

Agency: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ Time: \_\_\_\_:\_\_\_\_ AM/PM

First Contact By: DEP OTHER AGENCY Phone: ( ) \_\_\_\_\_ Contact: \_\_\_\_\_

DEP Staff Notified: Keans ER Lead: \_\_\_\_\_

Report Prepared By: Keans Signature: Robert Keans



# DEP OHM SPILL/RELEASE INCIDENT REPORT

Date: 5/30/91 Region: SERO Case:  Closed  Pending ER #: 591.297

1. RESPONSE:  Initial Office  Follow-up Office  Amended Site # \_\_\_\_\_  
 Initial Field  Follow-up Field  21E Notification

2. MUNICIPALITY: Ball River 4. INCIDENT 1ST REPORTED:

3. ADDRESS: 408 Rhode Island Ave. Date: 5/30/91 Time: 2:00 AM/PM

5. INCIDENT OCCURRED:

6. PERSON WHO 1ST NOTIFIED DEP: Date: 5/30/91 Time: - AM/PM

Name/Address: Amy Lemmens Tel. # 703.849.5319

7. OHM: a. Name: Gasoline CAS #: \_\_\_\_\_

b. AMOUNT: Reported: 2 Sheen Actual: \_\_\_\_\_ c. Category #: \_\_\_\_\_

d. Oil/Not Oil  Virgin/Waste  Non-PCB/PCB \_\_\_\_\_ ppm Soil Contamination Yes/No ?

e. SOURCE: vehicle fuel tank \_\_\_\_\_ drum \_\_\_\_\_ tanker truck \_\_\_\_\_ boat \_\_\_\_\_ railroad tank/engine \_\_\_\_\_

above-ground tank  below-ground tank \_\_\_\_\_ transformer \_\_\_\_\_ pipe \_\_\_\_\_ hose \_\_\_\_\_ other \_\_\_\_\_

f. RELEASE TYPE: Leak \_\_\_\_\_ Overfill \_\_\_\_\_ Rupture  Tank Removal \_\_\_\_\_ Spill \_\_\_\_\_ Dumping \_\_\_\_\_ Other \_\_\_\_\_

8. DESCRIPTION OF INCIDENT: Mobil oil rebuilding station

at above site. Oil sheen observed at

one on site MM. Will have contractor

replace leak detector and investigate problem

sheen is up gradient of tanks.

Kurt Fisher contact Eng for Mobil 508.592.3050

## 9. POTENTIALLY RESPONSIBLE PERSON IDENTIFIED BY DEP:

a. PRP notified the Department Date: 5/30/91 Time: \_\_\_\_\_ AM/PM

b. Name/Address: Mobil Oil Tel. # \_\_\_\_\_

Name/Address: Parrish VA Tel. # \_\_\_\_\_

c. PRP received Notice of Responsibility: Verbal/Field/Office Date: 5/30/91 Time: \_\_\_\_\_ AM/PM

## 10. RESPONSE ACTIONS:

a. Responsibility accepted and proper action taken by responsible person: Yes No

b. Name of cleanup contractor hired by responsible person \_\_\_\_\_

c. State-cleanup contractor: \_\_\_\_\_ d. Service Category: SC  SSC  SSI  HM  ASB

e. Contractor arrived on-scene: Date: 5/30/91 Time: \_\_\_\_\_ AM/PM

f. Further field response actions needed: Yes No (specify) \_\_\_\_\_

g. Noncompliance Issues: \_\_\_\_\_

h. LUST: Federal Eligible  Yes  No

## 11. INTRA-AGENCY NOTIFICATION/REFERRAL:

a. DEP Staff Notified: WJH ER Lead: \_\_\_\_\_

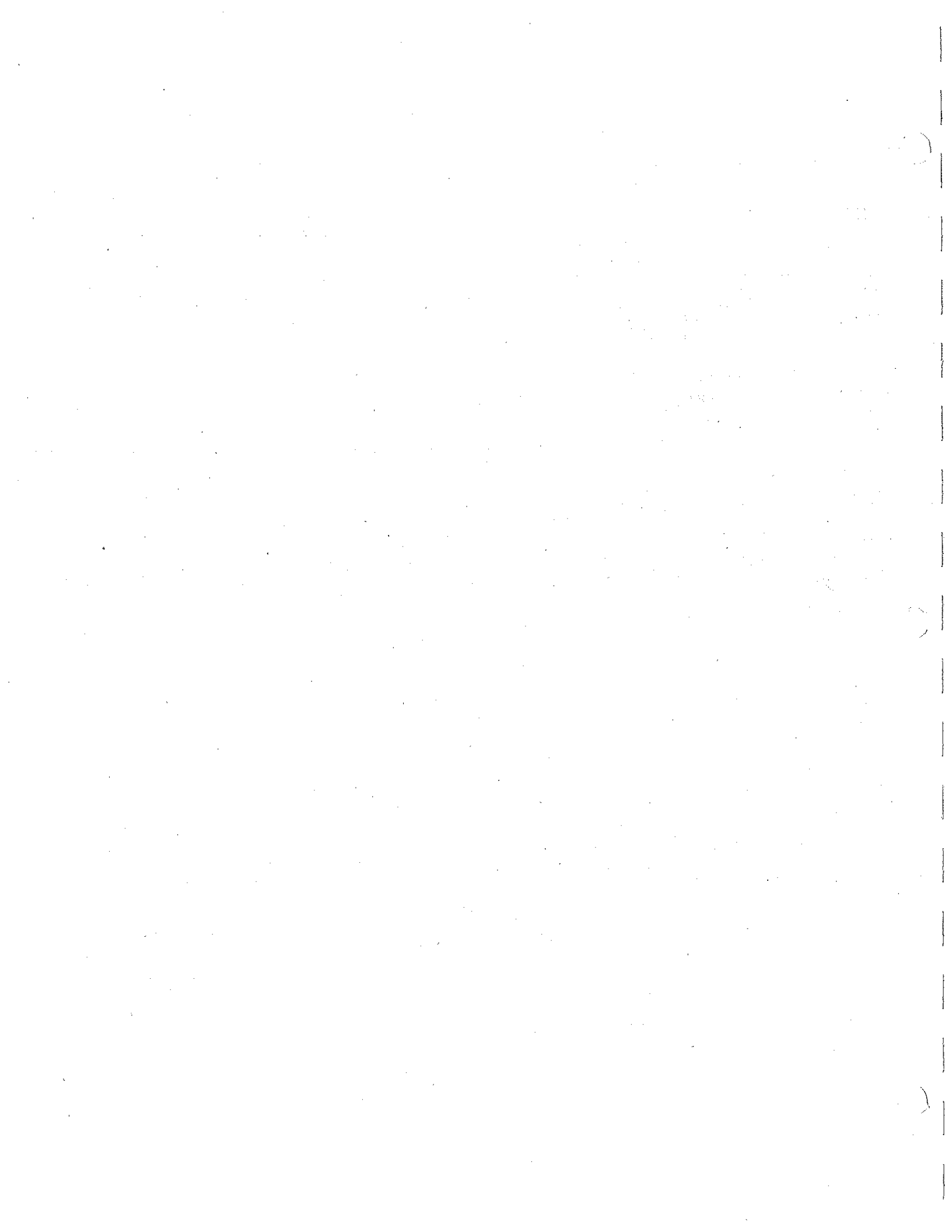
b. Referral within DEP to: (Name/Program/Prog. #) \_\_\_\_\_

## 1. OTHER AGENCIES NOTIFIED BY DEP OF SPILL/RELEASE INCIDENT:

Name: \_\_\_\_\_ Date: 5/30/91 Name: \_\_\_\_\_ Date: 5/30/91

Contact/Phone: \_\_\_\_\_ Contact/Phone: WJH

Report prepared by: \_\_\_\_\_ Signature: WJH







RELEASE LOG FORM

Release Tracking Number

4-11706

A. LOG INFORMATION:

Log Date: 10/5/95  
Log Time: 3:15  
TYPE OF CALL (check one):  
 Release or TOR  
 Complaint  Inquiry

Check one:  
 AM  PM  
Use of Form: (check one)  
 Initial Office  
 Boston  
 Amended  
CALLER (check one):  
 PRP  
 Public Safety Official  
 Other Government Agency  
 Citizen  
 Anonymous  
 LSP or PRP Agent  
 Other Person: \_\_\_\_\_

DISPOSITION OF CALL (check the one most applicable disposition below):

If selecting one of the two following options, assign a Release Tracking Number (RTN) in the space provided above:  
 Reportable Release or Threat of Release  
 Release or Threat of Release Less Than Reporting Threshold

Select one of the two following options only if an RTN was previously assigned:

Release Notification Retraction (with BWSC-103 only)  
 Not a 21E Release

If selecting any option below, do not assign an RTN:

Release or Threat of Release Exempt from Reporting Requirements (not referred)  
 Report Referred to Other Agency or Division  
Referred To: \_\_\_\_\_  
 No Action Taken

Reporting Person: JIM AHERN  
Telephone: 401-781-9900 Ext.: \_\_\_\_\_  
Organization: DRAKE PETROLEUM

B. RELEASE OR THREAT OF RELEASE LOCATION:

Street: 408 RHODE ISLAND AVE Location Aid: FORMER MOBIL STN 01-240  
City/Town: FALL RIVER Adequately Regulated Status: \_\_\_\_\_ Fee Status: \_\_\_\_\_

Type of Location (check all that apply):  
 Commercial  Industrial  Residential  School  Municipal  State  
 Federal  Right of Way  Roadway  Water Body  Open Space Other: \_\_\_\_\_

Release Tracking Number of Associated Transition or Tier Classified Site, if any: \_\_\_\_\_

C. RELEASE OR THREAT OF RELEASE (TOR) INFORMATION:

Notification Date, if different from log date: \_\_\_\_\_

"One Year" Status Date, if not one year after notification date: \_\_\_\_\_

Date and time reporting person obtained knowledge of the Release or TOR. Date: 10/4/95 Time: 4:45  AM  PM

IF KNOWN, record date and time Release or TOR occurred. Date: \_\_\_\_\_ Time: \_\_\_\_\_  AM  PM

Check all conditions that apply to the Release or Threat of Release:

2 HOUR REPORTING CONDITIONS

- Sudden Release
- Threat of Sudden Release
- Oil Sheen on Surface Water
- Poses Imminent Hazard
- Could Pose Imminent Hazard
- Release Detected in Private Well
- Release to Storm Drain
- Sanitary Sewer Release (Imminent Hazard Only)

72 HOUR REPORTING CONDITIONS

- Subsurface NAPL = or > 1/2 Inch
- UST Release
- Threat of UST Release
- Release to Groundwater near Water Supply
- Release to Groundwater near School or Residence

120 DAY REPORTING CONDITIONS

- Release of HM(s) to Soil or Groundwater > RC(s)
- Release of Oil to Soil > RC(s) and Affecting > 2 Cubic Yards
- Release of Oil to Groundwater > RC(s)
- Subsurface NAPL = or > 1/8 Inch and < 1/2 Inch
- Check here if Substantial Release Migration exists in connection with 120 Day Reporting Conditions

Source of Release or TOR (check all that apply):  UST  Pipe/Hose/Line  AST  Drums  Transformer  Boat  
 Tanker Truck  Vehicle  Unknown  Other Specify: \_\_\_\_\_

Federal LUST Eligible?  Yes  No  Unknown

SECTION C IS CONTINUED ON THE NEXT PAGE.



RELEASE NOTIFICATION & NOTIFICATION RETRACTION  
FORM Pursuant to 310 CMR 40.0335 and 310 CMR 40.0371 (Subpart C)

4 - 11706  
If assigned by DEP

A. RELEASE OR THREAT OF RELEASE LOCATION:

Street: 408 Rhode Island Avenue Location Aid: Service Station  
City/Town: Fall River ZIP Code: 02721

B. THIS FORM IS BEING USED TO: (check one)

- Submit a Release Notification (complete all sections of this form).
- Submit a Retraction of a Previously Reported Notification of a Release or Threat of Release (complete Sections A, B, E, F and G of this form). You MUST attach the supporting documentation required by 310 CMR 40.0335.

C. INFORMATION DESCRIBING THE RELEASE OR THREAT OF RELEASE (TOR):

Date and time you obtained knowledge of the Release or TOR. Date: 10/5/95 Time: 3:15 Specify:  AM  PM

The date you obtained knowledge is always required. The time you obtained knowledge is not required if reporting only 120 Day Conditions.

IF KNOWN, record date and time release or TOR occurred. Date: Unknown Time: Unknown Specify:  AM  PM

Check here if you previously provided an Oral Notification to DEP (2 Hour and 72 Hour Reporting Conditions only).

Provide date and time of Oral Notification. Date: 10/5/95 Time: 3:15 Specify:  AM  PM

Check all Notification Thresholds that apply to the Release or Threat of Release: (for more information see 310 CMR 40.0310 - 40.0315)

2 HOUR REPORTING CONDITIONS

- Sudden Release
- Threat of Sudden Release
- Oil Sheen on Surface Water
- Poses Imminent Hazard
- Could Pose Imminent Hazard
- Release Detected in Private Well
- Release to Storm Drain
- Sanitary Sewer Release (Imminent Hazard Only)

72 HOUR REPORTING CONDITIONS

- Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/2 Inch
- Underground Storage Tank (UST) Release
- Threat of UST Release
- Release to Groundwater near Water Supply
- Release to Groundwater near School or Residence

120 DAY REPORTING CONDITIONS

- Release of Hazardous Material(s) to Soil or Groundwater Exceeding Reportable Concentration(s)
- Release of Oil to Soil Exceeding Reportable Concentration(s) and Affecting More than 2 Cubic Yards
- Release of Oil to Groundwater Exceeding Reportable Concentration(s)
- Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/8 Inch and Less than 1/2 Inch

List below the Oils or Hazardous Materials that exceed their Reportable Concentration or Reportable Quantity by the greatest amount. If necessary, attach a list of additional Oil and Hazardous Material substances subject to reporting.

Name and Quantities of Oils (O) and Hazardous Materials (HM) Released:

O or HM Released	O HM (check one)	CAS # (if known)	Amount or Concentration	Units	Reportable Concentrations Exceeded, if Applicable (RCS-1, RCS-2, RCGW-1, RCGW-2)
<u>Gasoline</u>	<input checked="" type="checkbox"/> <input type="checkbox"/>		<u>Unknown Quantity measured 3" LPH</u>		
	<input type="checkbox"/> <input type="checkbox"/>				
	<input type="checkbox"/> <input type="checkbox"/>				

D. ADDITIONAL INVOLVED PARTIES:

- Check here if attaching names and addresses of owners of properties affected by the Release or Threat of Release, other than an owner who is submitting this Release Notification (required).
- Check here if attaching Licensed Site Professional (LSP) name and address (optional).

You may write in names and addresses on the bottom of the second page of this form.



### 3.2 Environmental Records Review

A review of state and federal environmental databases was conducted on behalf of GES by New England DataMap of Dedham, Massachusetts for the site and surrounding areas located within defined search radii, pursuant to the American Society of Testing and Materials (ASTM E527-97). These databases include information concerning spills and sites tracked by the MADEP, Massachusetts Department of Public Safety (DPS) for registered USTs, federal Superfund/Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) sites, and Resource Conservation and Recovery Act (RCRA) hazardous waste generator sites. A copy of the DataMap Technology Corporation report is included in Appendix C.

GES also performed reviews of state and/or federal public records associated with selected sites based on the results of the database search. The purpose of the review was to assess potential impact to and/or from the site due to on-site and off-site land uses and history. As applicable to the site, a local records review of relevant information was performed by GES personnel in order to obtain and/or update historical and current status of the site. Information pertaining to the site and nearby properties is summarized below.

#### Site Related Information

- The site (Former Mobil Station No. 01-240) located at 408 Rhode Island Avenue is listed as Tier II Disposal Site (MADEP Site No. 4-1066). The database and available information indicate the site was listed as a Location To Be Investigated (LTBI) in July 1991 for the release of gasoline from a leaking UST to groundwater.
- Available environmental database records indicate the site is a small quantity RCRA generator of hazardous waste (EPA ID No. MAD985295401). A small quantity RCRA generator, but by definition, generates 100-1000 kilograms per month of hazardous waste.
- The site is also listed as a MADEP Spill Site for the following releases:
  - May 30, 1991- The MADEP was notified of a sheen on groundwater during a UST removal. The spill was assigned MADEP Spill Number 91-0297. The case has since been closed by the MADEP.
  - March 3, 1993- The MADEP was notified of petroleum impacts to soil reportedly encountered in the vicinity of a UST. The spill was assigned MADEP Spill Number 93-0132 and the case is presently closed.
  - June 22, 1993- The MADEP was notified of a spill. The material spilled was listed as "other material." The spill was assigned MADEP Spill Number 93-0414 and the case is presently closed.
  - October 4, 1995- The MADEP was notified of the presence of 3 inches of LNAPL in an on-site monitoring well. The spill was assigned RTN 4-11706. Handex, on behalf

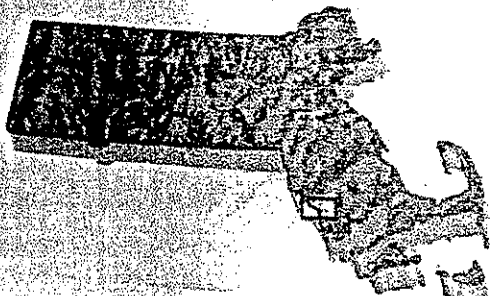
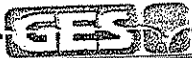
of the site owner and operator, Drake Petroleum Company, submitted an IRA Plan on November 15, 1995. Handex subsequently submitted an IRA Completion Statement to the MADEP on February 12, 1996 and linked RTN 4-11706 to the main site number RTN 4-1066.

The site is listed in the Massachusetts DPS Registered UST database as containing four 10,000-gallon gasoline USTs. The available information indicates the USTs are constructed of double-walled fiberglass and the associated piping is constructed of single-walled fiberglass. The USTs, listed as installed in August 1990, consist of tank and piping leak detection equipment. The on-site used oil UST is not identified in this database. The environmental database records indicate two 6,000-gallon gasoline USTs, one 8,000-gallon gasoline UST, one 500-gallon gasoline UST and one 500-gallon diesel UST were removed from the site in 1990. Based on the 1990 ESA report, it appears that the 500-gallon gasoline UST and the 500-gallon diesel UST reported in the Registered UST database were incorrect and should have been reported as the 500-gallon fuel oil UST and 500-gallon used oil UST removed from the site in 1990.

#### Surrounding Properties

Upgradient properties with environmental conditions likely to impact the subject property were not identified in the database search. Likewise, the nearby sites identified below are located hydraulically downgradient from the subject property and are therefore unlikely to impact conditions at the subject property. However, they are included due to their close proximity to the subject property.

- *Shell Service Station, 33 Bishop Mariano Drive, adjoining to the southwest (downgradient).* Available information indicates this property is listed as a MADEP Tier II Disposal Site (MADEP Site No. 4-1062) for the release of gasoline. The property is also listed as a Spill Site for the release of gasoline to soil from a leaking UST in 1991 (Spill Number S91-0106). The spill incident has been closed by the MADEP. Available environmental database records also indicate that three 12,000-gallon, double-walled, fiberglass USTs used to store gasoline are currently present at this property. The USTs, installed in 1991, are reportedly equipped with tank and line leak detection. Previous on-site USTs included four 5,000-gallon gasoline USTs (installed 1965), one 10,000-gallon gasoline UST (installed 1981), and one 500-gallon used oil UST (installed 1965).
- *Former Fall River Landfill, Laurel/Messon Streets, adjoining to the southwest (downgradient).* Available information indicates land adjoining the site to the southwest was formerly utilized as a landfill for demolition debris. The privately owned landfill was reportedly closed in 1968. Although the actual limits of the former landfill could not be determined, available personnel at the Fall River Department of Public Works indicate the



PORTION OF FALL RIVER, MASSACHUSETTS  
USGS QUADRANGLE

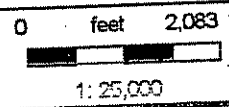
### SITE LOCUS

Mobil Service Station Formerly No. 01-240  
408 Rhode Island Avenue  
Fall River, Massachusetts

NORTH



SCALE



DATE:  
10-Jan-01  
JOB NO:  
1600461

Drawn by:  
ALM  
FIGURE NO:  
1



- Groundwater sampling and gauging activities will continue, particularly to confirm and acquire additional data to establish conditions at downgradient locations, and to monitor the upgradient well near the private residence.
- The continued impacts at the site will be addressed under a Release Abatement Measure or in the Phase III RAP. GES is currently monitoring IRA activities being performed by Drake Petroleum Company and evaluating data collected during this investigation in order to determine the nature of additional response actions to be conducted at the site.



December 18, 1996

Mr. Steve Marinelli  
Architectural Project Manager  
Pep Boys  
3111 West Allegheny Avenue  
Philadelphia, PA 19132

RE: Executive Summary  
Phase I Environmental Assessment and Geotechnical Evaluation  
Proposed Pep Boys Facility (Parts USA)  
355 Rhode Island Avenue  
Fall River, MA  
NETC Project No. NE96-118

Dear Steve:

National Environmental Technologies Corporation (NETC), at the request of Pep Boys, has conducted field activities associated with a Phase I Environmental Assessment and Geotechnical Evaluation at the above referenced site. This site is located at the southwest corner of the intersection of Rhode Island Avenue and Magellan Street in Fall River, Massachusetts. The site is currently a vacant lot, approximately two acres in size. The Phase I Environmental Assessment and the Geotechnical Evaluation were conducted in accordance with our November 18, 1996 proposals (NETC Proposal Nos. P96-131 and P96-133). The major highlights of these activities are detailed below.

#### Phase I Environmental Assessment

The Phase I Environmental Assessment (Phase I) site investigation was conducted on December 11, 12, and 13, 1996. The purpose of the Phase I was to identify potential concerns associated with the property and to determine the potential liability that may impact the transfer of the property. The site is currently a vacant commercial property with no existing building.

Several potential environmental concerns were identified during the course of the site investigation. These potential concerns include disposal of waste within the site boundaries and the surrounding areas, and subsequent contamination of the soils and ground water within the property boundaries. Both of these potential concerns are discussed in greater detail below.

Several residents of the area stated that the subject site and surrounding areas were formerly a dump site. According to one of the residents, dumping occurred in this area during the 1930's through the early 1950's. Another resident stated that paints and other types of waste were dumped into an open pit on the southern portion of this property. This is the area where boring numbers FRB-2 and FRB-6 are located. There is a paint store located within the strip mall which is adjacent to the southern property boundary of the subject site.

Mr. Steve Marinelli  
December 18, 1996  
Page 2

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Possible soil and ground water contamination has occurred within the site boundaries. During the course of the soil boring program for the Geotechnical Investigation, a strong odor of paint was evident in the soils from boring numbers FRB-2 and FRB-6. In addition, relatively high concentrations of volatile organic compounds (50 to 100 parts per million) were detected with a field screening instrument. Two analytical soil samples were collected from boring FRB-6. These soil samples have been sent to a laboratory for analysis of volatile organic compounds (VOC's), semi-volatile organic compounds (semi-VOC's) and total petroleum hydrocarbons (TPH). Samples results have been requested for December 20, 1996. Upon receipt of the sample results, NETC will prepare a letter detailing the sample results and any necessary recommendations.

### Geotechnical Evaluation

The soil boring program for the Geotechnical Evaluation was also conducted on December 11, 12, and 13, 1996. The objective of this investigation was to evaluate the site's subsurface conditions and to conduct a geotechnical analysis of these conditions as they relate to the planned development. A total of six soil borings were drilled, at the referenced facility, with a truck mounted drill rig. Four of the soil borings were drilled within the footprint of the proposed Parts USA Store (at the approximate building corners). The remaining two soil borings were drilled in the proposed parking areas south and east of the proposed retail store.

A wide variety of soil types exist on the site. Surface soils are best described as mixed fill, due to development activities. Specific soil types identified on-site include: SM-silty sands and sand-silt mixtures; ML inorganic silts and very fine sands; SP-poorly graded sands, gravelly sands; GP-poorly graded gravels; gravel-sand mixtures; SW-well graded sands, gravelly sands; and OL-organic silts and organic silty clays of low plasticity.

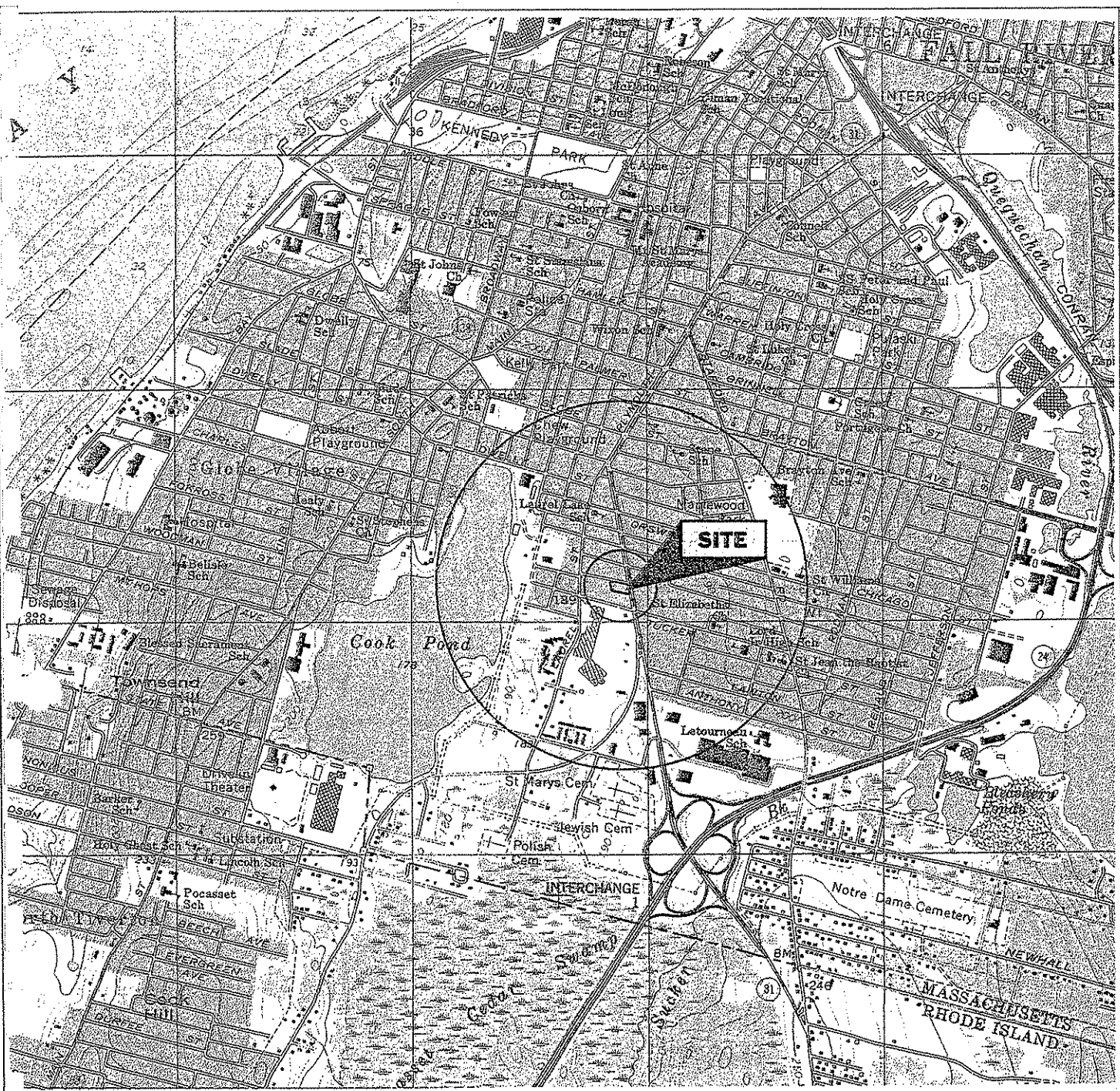
Ground water was encountered in all of the borings drilled to 20 feet (within the building footprint). Saturated soils were encountered in these borings at depths of approximately 15 to 18 feet below the ground surface. In addition, a 24 hour water level was obtained from boring number FRB-4. The depth to water measurement obtained from this boring was approximately 8.5 feet below the ground surface. Ground water should not have any effect on the proposed development activities.

Bedrock or a large boulder (auger refusal) was encountered in boring numbers FRB-3, and FRB-4. The depth to auger refusal ranged from approximately 15 feet (FRB-3) to 18 feet (FRB-4) below grade. Due to raised basements in the surrounding areas north of the site, auger refusal was most likely due to the existence of bedrock. However, this should not impact the development activities proposed for this property.

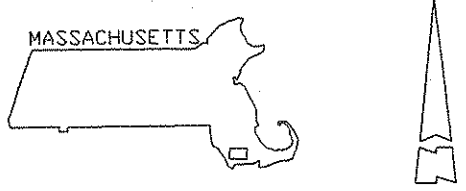
The only potential concern identified during this investigation is the possibility of difficult excavation. Excavation may be difficult due to the presence of many cobbles and boulders throughout the soil horizons. However, since excavations will likely be no greater than four feet below grade, exceedingly difficult excavation should not be encountered.

No other unusual occurrences or potential concerns were detected during the geotechnical field activities. According to the geotechnical evaluation, NETC does not foresee any limitations for the development if this property.





USGS  
 FALL RIVER, MASSACHUSETTS QUADRANGLE  
 7.5 x 15 MINUTE SERIES (TOPOGRAPHIC)  
 N4137.5-W7107.5/7.5  
 1967 REV. 1979

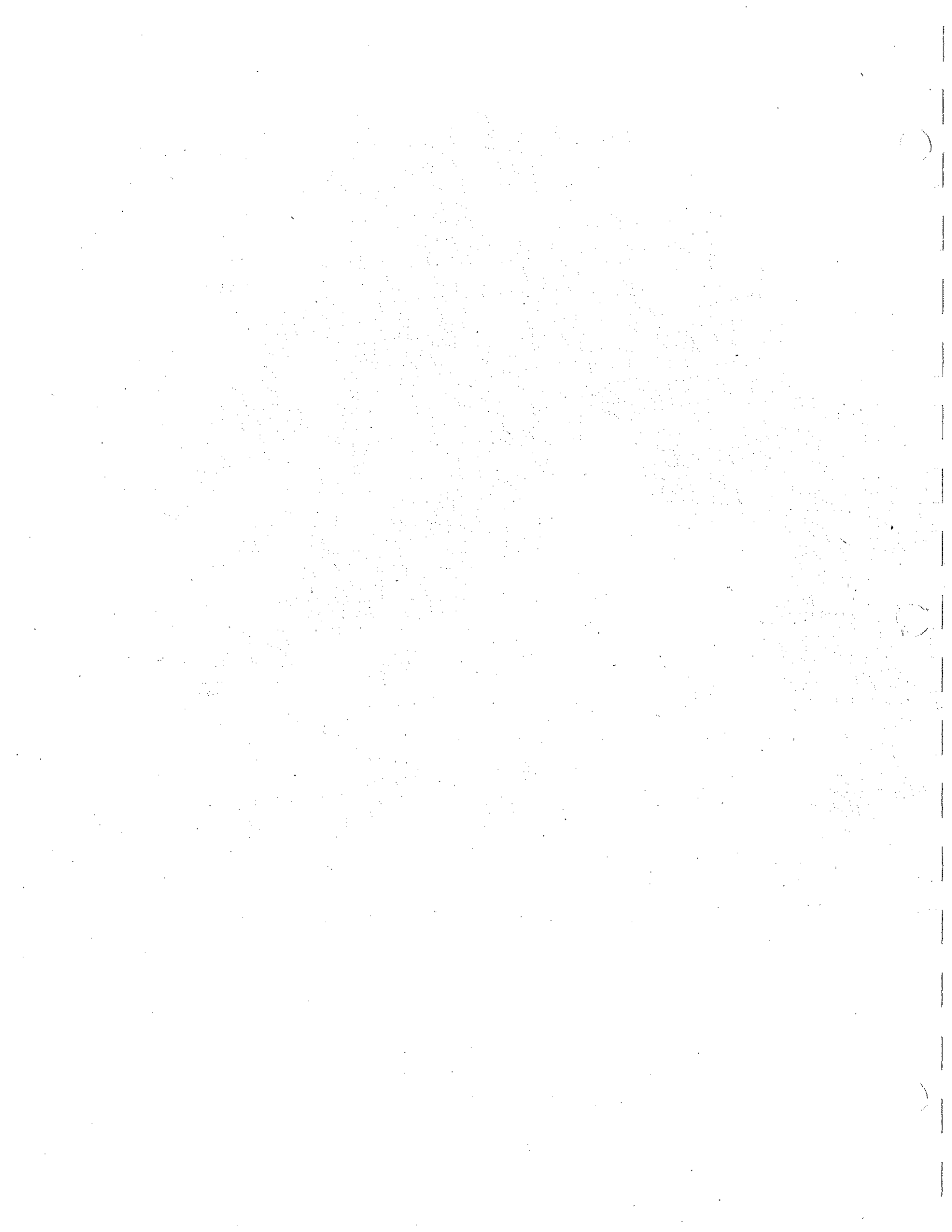


ST / LOCUS MAP

REP BOYS  
 395 RHODE ISLAND AVENUE  
 FALL RIVER, MASSACHUSETTS 02720

PROJECT NUMBER: 41096.0014	FIGURE NUMBER: 1
SCALE: 1 : 25000	CHECKED BY: PDB
DRAWN BY: LMS	REVISED BY:
DRAWING FILE:	

**VATC ASSOCIATES INC.**  
 600 W Cummings Park, Ste. 6500  
 Woburn, MA 01801-6350  
 Tel. (617) 932-9400 Fax. (617) 932-6211



## 1.0 Introduction

ATC conducted a site investigation of a vacant lot at 355 Rhode Island Avenue, Fall River, MA, for PEP Boys as part of their environmental due diligence, prior to construction of an Auto Parts store on the site. As outlined in a January 28, 1997 Subsurface Site Investigation Report, laboratory results of soil and groundwater indicated significant petroleum contamination in one section of the site. Several soil samples exceeded RCS-1 standards for TPH and/or PAHs, and one groundwater sample exceeded the RCGW-2 standard for lead.

ATC recommended excavation and removal of up to 2,500 tons of contaminated soil. The following is a Release Abatement Measures Plan for excavation and disposal of the most severely contaminated soil.

## 2.0 Release Abatement Measures Plan

### 2.1 Name, Address, Telephone Number and Relationship to the Site of the Person Assuming Responsibility for conducting the Release Abatement Measure:

Mr. JAMES BRENDE  
PEP Boys  
3111 West Allegheny Avenue  
Philadelphia, PA 19132  
215-227-9640

### 2.2 Description of Release, Site Conditions, and Surrounding Receptors:

Figure 1, (attached), depicts the site area. The release is characterized by concentrations of TPH and semi-volatile organic compounds (2-Methylnaphthalene, Naphthalene) in soil exceeding the applicable Soil RCS-1 standard. Lead in one groundwater sample exceeded the RCGW-2 standard for lead. Concentrations of all constituents measured above detection limits are shown on the Attached Table.

Soil contamination was encountered from approximately 5 to 14 feet below grade in the south and southwest corner of the site. TPH and VOC's at concentrations below applicable RCs were also detected in groundwater in the south and southwest area of the site. Adjacent properties are occupied by commercial and residential buildings.



2.3 Objectives, Specific Plans and Proposed Implementation Schedule for the Release Abatement Measure, Including Proposed Investigative and/or Remedial Installations

The objective of the RAM is to excavate and dispose of the most significantly contaminated soil in accordance with the MCP. The material will be shipped under appropriate Bills of Lading to an acceptable disposal facility. Material is scheduled to be excavated approximately one week following approval of the RAM Plan.

Additional groundwater investigation will be initiated following excavation of contaminated soil and completion of site construction.

2.4 Statement as to Whether Remediation Waste will be Excavated, Collected, Stored, Treated or Reused at the Site

Remediation waste is to be excavated, stockpiled on site, characterized, and transported to a disposal facility selected on the basis of characterization results after review by the facility operators and the project LSP for compliance with the facility operating permit.

2.5 Proposed Environmental Monitoring Plan for Implementation During and/or After the Release Abatement Measure

Field screening procedures will be used to monitor soil characteristics during excavation. Confirmatory soil sampling will be conducted at the sidewalls of the excavation and the samples sent for laboratory analysis, to confirm the most severely contaminated soil has been removed. Stockpiled soil samples will also be evaluated by laboratory analysis for determination of appropriate disposal options.

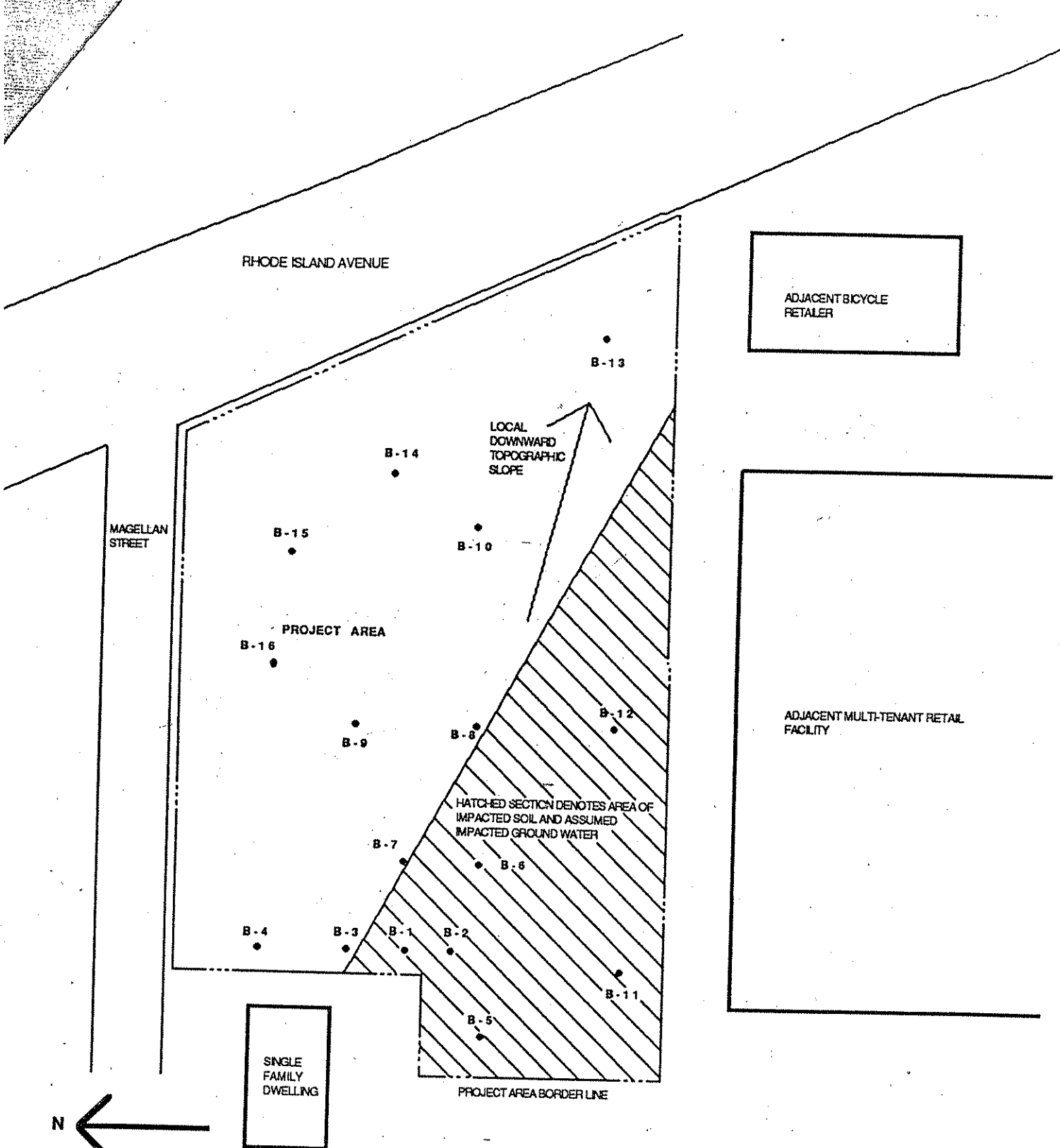
Groundwater and on-site soil evaluation will be conducted following excavation of the significantly contaminated soil. Additional groundwater investigation and remediation is anticipated, following excavation of contaminated soil and site construction.

2.6 Listing of Federal, State and/or Local Permits Likely to be Needed to Conduct the RAM

- Bills of Lading

2.7 Seal and Signature of LSP Who Prepared the RAM Plan

Please see attached from BWSC 106.



RHODE ISLAND AVENUE

ADJACENT BICYCLE  
RETAILER

MAGELLAN  
STREET

LOCAL  
DOWNWARD  
TOPOGRAPHIC  
SLOPE

PROJECT AREA

ADJACENT MULTI-TENANT RETAIL  
FACILITY

HATCHED SECTION DENOTES AREA OF  
IMPACTED SOIL AND ASSUMED  
IMPACTED GROUND WATER


SINGLE  
FAMILY  
DWELLING

PROJECT AREA BORDER LINE



**SITE PLAN - 355 RHODE ISLAND AVENUE, FALL RIVER,  
MASSACHUSETTS**  
NOT TO SCALE

• DENOTES SOIL BORING  
LOCATIONS

 DENOTES AREA OF IMPACTED SOIL AND  
ASSUMED GROUND WATER CONTAMINATION



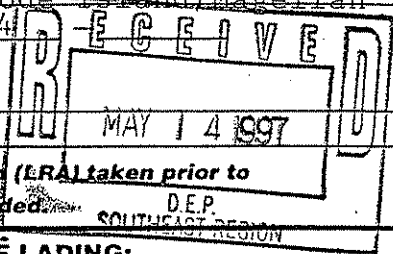
**ORIGINAL**

Release Tracking Number\*  
 4 - 12883

**BILL OF LADING** (pursuant to 310 CMR 40.0030)

**A. LOCATION OF SITE OR DISPOSAL SITE WHERE REMEDIATION WASTE WAS GENERATED:**

Release Name (optional): Pep Boys  
 Street: 355 Rhode Island Avenue Location Aid: Rhode Island/Magellan  
 City/Town: Fall River Zip Code: 02724  
 Date/Period of Generation: 4 / 8 / 97 to 4 / 10 / 97  
 Additional Release Tracking Numbers Associated with this Bill of Lading: \_\_\_\_\_



*\*Note: If this Bill of Lading is the result of a Limited Removal Action (LRA) taken prior to Notification, a Release Tracking Number is not needed.*

**B. PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:**

Name of Organization: Pep Boys  
 Name of Contact: James Brendle Title: Assistant Vice President  
 Street: 3111 West Allegheny Avenue  
 City/Town: Philadelphia State: PA Zip Code: 19132  
 Telephone: 215 - 227 - 9000 Ext. \_\_\_\_\_

**C. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:**

(check one/specify)  
 RP Specify (circle one): Owner Operator Generator Transporter Other RP: \_\_\_\_\_  
 PRP Specify (circle one): Owner Operator Generator Transporter Other PRP: \_\_\_\_\_  
 Fiduciary/Secured Lender  
 Agency/Public Utility on a Right of Way  
 Other Person: \_\_\_\_\_

If an owner and/or operator is not conducting the response action associated with the Bill of Lading, provide on an attachment the name, contact person, address and telephone number, including any area code and extension, for each, if known.

**D. TRANSPORTER/Common CARRIER INFORMATION:**

Transporter/Common Carrier Name: Rudy Pompeo, Inc.  
 Contact Person: Rudy Pompeo Title: President  
 Street: 40 Matthewson Drive  
 City/Town: Weymouth State: MA Zip Code: 02189  
 Telephone: 617 - 331 - 1123 Ext. \_\_\_\_\_

**E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:**

Operator/Facility Name: Bardon Trimount, Inc.  
 Contact Person: David Peter Title: Mgr. Environmental Services  
 Street: 1101 Turnpike Street  
 City/Town: Stoughton State: MA Zip Code: 02072  
 Telephone: 617 - 341 - 5500 Ext. \_\_\_\_\_

Type of Facility: (check one)  
 Asphalt Batch/Cold Mix  Landfill/Disposal  Incinerator  
 Asphalt Batch/Hot Mix  Landfill/Daily Cover  Temporary Storage  
 Thermal Processing  Landfill/Structural Fill  Other: \_\_\_\_\_

Division of Hazardous Waste/Class A Permit #: S-96-003 Division of Solid Waste Management Permit #: NA EPA Identification #: MAD 981213531

Anticipated Period of Temporary Storage (specify dates if applicable): \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ to \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Reason for Temporary Storage (if applicable): \_\_\_\_\_



Release Tracking Number:

4 - 12883

**BILL OF LADING** (pursuant to 310 CMR 40.0030)

**E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION (continued):**

Temporary Storage Address:

Street: \_\_\_\_\_  
City/Town: NA State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

**F. DESCRIPTION OF REMEDIATION WASTE:**

(check all that apply)

Contaminated Media (circle all that apply): Soil Groundwater Surface Water Other: \_\_\_\_\_  
 Contaminated Debris (circle all that apply): Demolition/Construction Waste Vegetation/Organic Materials  
Inorganic Absorbant Materials Other 0-5% Miscellaneous Debris

Non-hazardous Uncontainerized Waste (circle all that apply): Non-aqueous Phase Liquid Other: \_\_\_\_\_  
 Non-hazardous Containerized Waste (circle all that apply): Tank Bottoms/Sludges Containers Drums  
Engineered Impoundments Other: \_\_\_\_\_

Type of Contamination (circle all that apply): Gasoline Diesel Fuel #2 Oil #4 Oil #6 Oil Waste Oil  
Kerosene Jet Fuel Other TPH-Mineral Spirits/PAHs

Estimated Volume of Materials: Cubic Yards: 800 Tons: \_\_\_\_\_ Other: \_\_\_\_\_

Contaminant Source (check one/specify):  Transportation Accident  Underground Storage Tank  Other: Source Unknown

Response Action Associated with Bill of Lading (circle one): Immediate Response Action Release Abatement Measure  
Utility-Related Abatement Measure Limited Removal Action (LRA) Comprehensive Response Action  
Other (specify): \_\_\_\_\_

Remediation Waste Characterization Support Documentation attached:

Site History Information  Sampling and Analytical Methods and Procedures  Laboratory Data  Field Screening Data

If supporting documentation is not appended, provide an attachment stating the date and in connection with what document such information was previously submitted to DEP.

**G. LICENSED SITE PROFESSIONAL (LSP) OPINION:**

Name of Organization: ATC Associates, Inc.

LSP Name: Denis D'Amore

Title: Licensed Site Professional

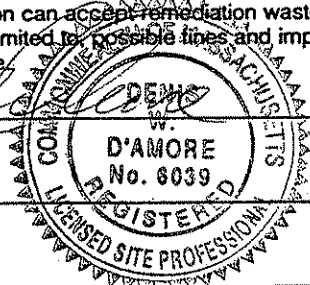
Telephone: 508-368-1802 Ext. \_\_\_\_\_

I have personally examined and am familiar with the information contained on and submitted with this form. Based on this information, it is my Opinion that the testing and assessment actions undertaken were adequate to characterize the Remediation Waste, in accordance with 310 CMR 40.0030, and that the facility or location can accept remediation wastes with the characteristics described in this submittal. I am aware that significant penalties including, but not limited to, possible fines and imprisonment may result if I willfully submit information which I know to be false, inaccurate, or materially incomplete.

Signature: \_\_\_\_\_ Seal: \_\_\_\_\_

Date: 4/23/97

License Number: 6039



**H. CERTIFICATION OF PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH THIS BILL OF LADING:**

I certify under penalties of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Signature: \_\_\_\_\_ Date: 5/7/97

Name of Person (print): James Brendle



**RELEASE & UTILITY-RELATED ABATEMENT  
MEASURE (RAM & URAM) TRANSMITTAL FORM**

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

Release Tracking Number

4 - 12883

**SITE LOCATION:**

Site Name: (optional) Pep Boys  
Street: 355 Rhode Island Avenue Location Aid: Rhode Island/Magellan  
City/Town: Fall River ZIP Code: 02724

Check here if a Tier Classification Submittal has been provided to DEP for this Release Tracking Number.

Related Release Tracking Numbers That This RAM or URAM Addresses: \_\_\_\_\_

**B. THIS FORM IS BEING USED TO:**

(check all that apply)

- Submit a RAM Plan (complete Sections A, B, C, D, E, F, J, K, L and M).
- Check here if this RAM Plan is an update or modification of a previously approved written RAM Plan. Date Submitted: \_\_\_\_\_
- Submit a RAM Status Report (complete Sections A, B, C, E, J, K, L and M).
- Submit a RAM Completion Statement (complete Sections A, B, C, D, E, G, J, K, L and M).
- Confirm or Provide URAM Notification (complete Sections A, B, H, K, L and M).
- Submit a URAM Status Report (complete Sections A, B, C, E, J, K, L and M).
- Submit a URAM Completion Statement (complete Sections A, B, C, D, E, I, J, K, L and M).

You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.

**C. SITE CONDITIONS:**

Check here if the source of the Release or Threat of Release is known.

If yes, check all sources that apply:  UST  Pipe/Hose/Line  AST  Drums  Transformer  Boat  
 Tanker Truck  Vehicle  Other Specify: \_\_\_\_\_

Identify Media and Receptors Affected: (check all that apply)  Air  Groundwater  Surface Water  Sediments  Soil  
 Wetlands  Storm Drain  Paved Surface  Private Well  Public Water Supply  Zone 2  Residence  
 School  Unknown  Other Specify: \_\_\_\_\_

Identify Release and/or Threat of Release Conditions at Site: (check all that apply)

2 and 72 Hour Reporting Condition(s)  120 Day Reporting Condition(s)  Other Condition(s)

Describe: THH, 2-methylnaphthalene, naphthalene and toluene in soil in excess of RCS-1 Standards.

THH in groundwater in excess of RCW-2 Standards.

RAMs may be conducted concurrently with an IRA only with written DEP approval  
URAMs may not be conducted if any 2 or 72 Hour conditions exist at the site.

Identify Oils and Hazardous Materials Released: (check all that apply)

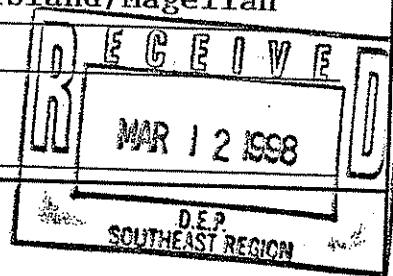
Others Specify: THH, 2-methylnaphthalene, naphthalene, toluene  Oils  Chlorinated Solvents  Heavy Metals

**D. DESCRIPTION OF RESPONSE ACTIONS:**

(check all that apply)

- Assessment and/or Monitoring Only
- Excavation of Contaminated Soils
- Re-use, Recycling or Treatment
  - On Site  Off Site Est. Vol.: 878 cubic yards
  - Describe: Pardon Tricut in Stoughton, Massachusetts
  - Store  On Site  Off Site Est. Vol.: \_\_\_\_\_ cubic yards
- Deployment of Absorbant or Containment Materials
- Temporary Covers or Caps
- Bioremediation
- Soil Vapor Extraction
- Structure Venting System
- Product or NAPL Recovery

SECTION D IS CONTINUED ON THE NEXT PAGE.



ORIGINAL BX



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

RELEASE & UTILITY-RELATED ABATEMENT MEASURE (RAM & URAM) TRANSMITTAL FORM

Pursuant to 310 CMR 40.0444 - 0446 and 310 CMR 40.0462 - 0465 (Subpart D)

Release Tr

4 - 1288

D. DESCRIPTION OF RESPONSE ACTIONS (continued):

- Landfill, Cover, Disposal, Est. Vol., Groundwater Treatment Systems, Removal of Drums, Tanks or Containers, Air Sparging, Temporary Water Supplies, Temporary Evacuation or Relocation of Residents, Fencing and Sign Posting

Describe: Removal of Other Contaminated Media
Specify Type and Volume:
Other Response Actions Describe:
See 310 CMR 40.0442 for limitations on the scope and type of RAMs.
See 310 CMR 40.0464 for performance standards for URAMs.

Check here if this RAM or URAM involves the use of Innovative Technologies. DEP is interested in using this information to aid in creating an Innovative Technologies Clearinghouse.
Describe Technologies:

E. TRANSPORT OF REMEDIATION WASTE: (if Remediation Waste has been sent to an off-site facility, answer the following questions)

Name of Facility: Bardot Trimont, Inc.
Town and State: Stoughton, Massachusetts
Quantity of Remediation Waste Transported to Date: 1,317.94 tons

F. RAM PLAN:

- Check here if this RAM Plan received previous oral approval from DEP as a continuation of a Limited Removal Action (LRA).
Date of Oral Approval:
If a RAM Compliance Fee is required, check here to certify that the fee has been submitted. You MUST attach a photocopy of the payment. See 310 CMR 40.0444(2) to learn when a fee is not required.
Check here if the RAM Plan is proposed for a Transition Site. If this is the case, you may need to attach an LSP Evaluation Opinion prior to undertaking the RAM, if not previously provided. See 310 CMR 40.0600 for further information about Transition Sites.

G. RAM COMPLETION STATEMENT:

Check here to certify that the fee has been submitted. You MUST attach a photocopy of the payment. You owe this fee when submitting a RAM Completion Statement if you received oral approval of a RAM that continued an LRA, and have NOT previously submitted a RAM Plan and accompanying fee.
If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the RAM Completion Statement, you must submit a Phase IV Remedy Implementation Plan, along with the appropriate transmittal form, as an attachment to the RAM Completion Statement.

H. URAM NOTIFICATION:

Identify Location Type: (check all that apply) Public Right of Way, Utility Easement, Private Property
Identify Utility Type: (check all that apply) Sanitary/Combined Sewerage, Water, Drainage, Natural Gas, Telephone, Steam Lines, Telecommunications, Electric, Other
Check here if you provided DEP with previous oral notification of this URAM. Date of Oral Notice:
Check here if the property owner was NOT contacted prior to initiation of the URAM. If this is the case, you must attach an explanation of why the owner was not contacted, including the date and time when contact ultimately occurred.
Check here if this URAM will occur in connection with the construction of new public utilities. If this is the case, document the nature and extent of encountered contamination, the scope and expense of necessary mitigation and the benefits and limitations of project alternatives.
With the exception stated below, the person undertaking the URAM must provide the name and license number of an LSP engaged or employed in connection with the URAM:
LSP Name: LSP License Number:

LSP information is not required if the URAM is limited to the excavation and/or handling of not more than 100 cubic yards of soil contaminated by Oil, or not more than 20 cubic yards of soil contaminated either by a Hazardous Material or a mixture of a Hazardous Material and Oil.

The RNF indicates that the following concentrations were detected above the applicable Reportable Concentrations for Soil Category-1 (RCS-1) and/or Groundwater Category-2 (RCGW-2), as established in 310 CMR 40.1600.

<u>CHEMICAL</u>	<u>CONCENTRATION DETECTED</u>	<u>RCS-1</u>
Total Petroleum Hydrocarbons (TPH)	22,000 ppm	500 ppm
Methylnapthalene	1.1 ppm	0.7 ppm
Naphthalene	42.6 ppm	4.0 ppm
Toluene	165 ppm	90.0 ppm

<u>CHEMICAL</u>	<u>CONCENTRATION DETECTED</u>	<u>RCGW-1</u>
TPH	92.9 ppm	1 ppm

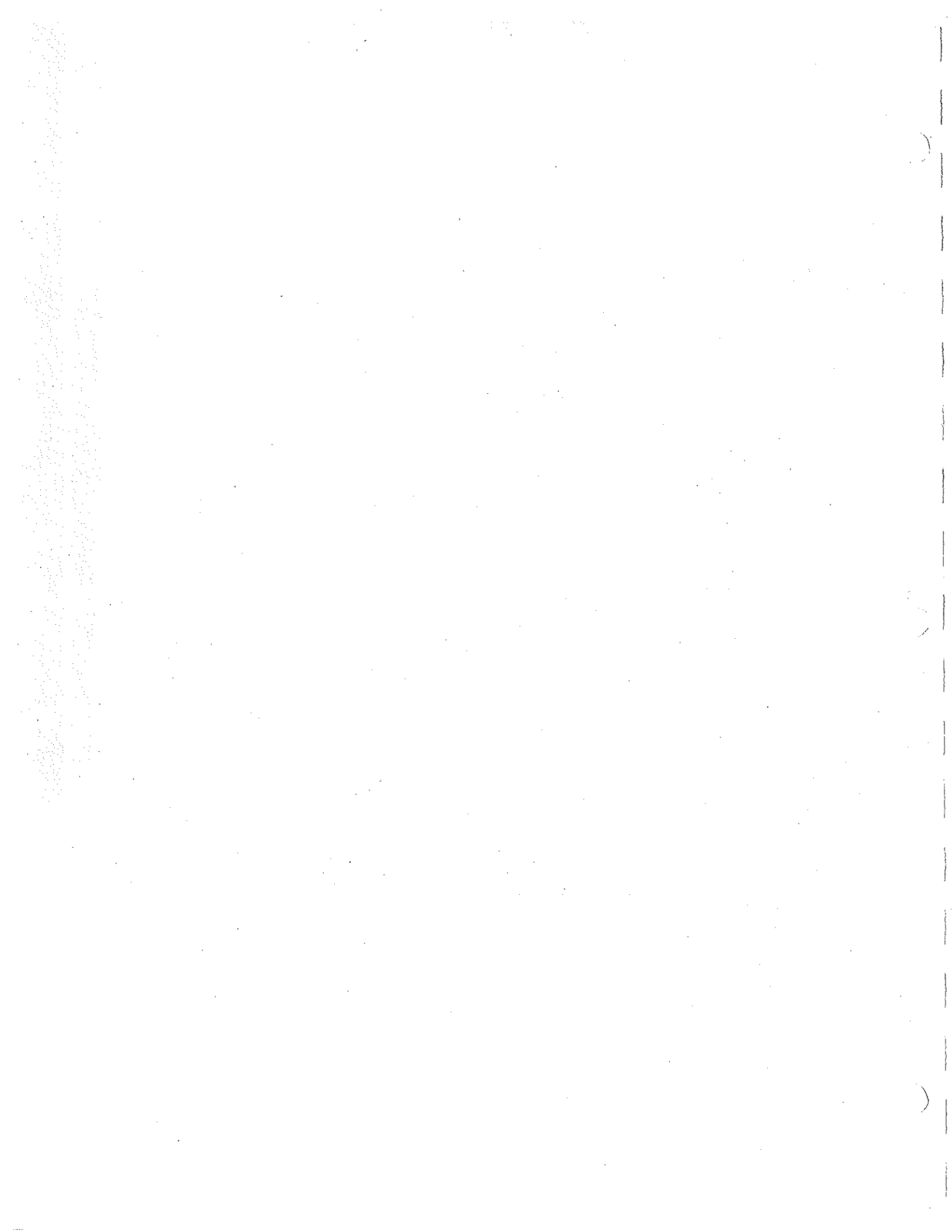
3. Soil contamination was detected from approximately 5 to 14 feet below grade in the south and southwest corner of the site.

#### RAM PLAN APPROVAL

The intent of the RAM Plan submitted is to excavate and dispose of up to 1700 cubic yards of contaminated soil in accordance with the MCP. The soil will be stockpiled on-site, characterized and transported to an appropriate facility under a Bill of Lading. Field screening and confirmatory analysis will be performed. The required certification establishing financial ability to address greater than 1500 cubic yards of soil under the RAM provisions, pursuant to 310 CMR 40.0442(4), was provided in the RAM Plan. Additional groundwater investigation will be initiated after the excavation and construction are complete.

Provisions described in Section 310 CMR 40.0443(2) of the MCP, allow the Department to provide written approval or presumptive approval to all written Release Abatement Measure Plans submitted. Presumptive approval occurs 21 days from the date of receipt of the written RAM Plan. The remedial actions proposed in the RAM Plan submitted and as described above are therefore approved by the Department at this time.

FAIR RIVER  
4-12583





## EXECUTIVE SUMMARY

Recon Environmental Corp. (RECON), was retained by Yale Realty Corp. to conduct a Phase I Environmental Site Assessment of the property situated at 3401 William S. Canning Boulevard in the City of Fall River, Massachusetts within Bristol County (the Site).

On Tuesday May 16, 1995, Ted Merriman of RECON conducted a Site inspection to assess the possible presence of petroleum products, hazardous materials, and hazardous wastes at the Site. In addition, RECON's investigation included reconnaissance of the Site and adjacent properties, background research, and review of available local, state and federal regulatory records regarding the presence of petroleum products and hazardous materials/wastes at or in the vicinity of the Site. In addition, RECON collected a water sample from a monitoring well located on the southeast corner of the Site. The sample was analyzed for Volatile Organic Compounds (VOC's) by EPA method 624. Analytical results did not indicate any detectable concentrations of VOC's.

The Site consists of approximately 10 acres of property with approximately 1/3 of the property being utilized as a K-Mart shopping store. The remaining property surrounding the structure to the north, south and east is used for customer parking. The K-Mart Store is connected to the west by the New Harbour Mall containing approximately 21 stores. The New Harbour Mall property is currently listed as a Location To Be Investigated (LTBI) by the Massachusetts Department of Environmental Protection (MA-DEP) case number 4-0292.

During the course of this assessment, RECON collected twelve (12) bulk samples for suspect asbestos containing materials (ACM). Laboratory analysis of these samples indicated a positive result for asbestos fibers in certain ceiling tiles and floor tiles located in the north side of the building which is used for office space and storage. The materials which were found to be positive were in moderate to poor condition at the time of the inspection.

Historically, property to the west of the Site was used by the Firestone Rubber Company as a dump site. Properties further west and south (across William S. Canning Boulevard) were used for landfill purposes by the City of Fall River. Fly ash material was encountered during the excavation of the present Super Shaws Store. The ash was reportedly from the Brayton Point Power Station located approximately three miles north of the Site and dump and used as fill material while the dump was in operation.

RECON contacted the MA-DEP, Fall River Health Department, and the Fall River Fire Prevention Department concerning any environmentally related citations or violations issued to the Site. No available records indicating that the Site has ever



had any environmentally related violations were on file with these offices at the time of this report. A 1,000 gallon waste oil tank was removed by CYN Environmental Co. on October 18, 1988 from a location immediately outside the automotive service and repair center. No information was available in available files as to sampling performed during this removal. The removal permit reviewed at the Fall River Fire Department headquarters did not mention any odors or visual contamination at the time of the removal. Though there has been no documented releases of waste oil from the 1,000 gallon UST which formerly existed on-Site, soil samples would need to be collected from the former tank pit to confirm a release did not occur.

Based on an assessment of existing conditions at the Site and surrounding area, local background research, and review of local, state, and federal records, RECON has revealed no direct evidence of recognized environmental impact conditions in connection with the Site. RECON recommends a comprehensive asbestos survey be performed within the building to determine if additional sources of ACM are present and document the condition of the materials.

RECON also recommends damaged petroleum products and potential hazardous materials stored on-Site be removed and disposed of properly. Until a proper method of disposal can be determined, damaged materials should be stored in a well ventilated area and kept separated to discourage mixing of products.

RECON conducted only a limited subsurface investigation at the Site with the collection of one water sample from a monitoring well located on the south east corner of the property, and therefore cannot attest to all ground water and/or soil quality conditions at the Site.

dump. However, the former Firestone Rubber Company was situated approximately 2 miles north of the Site and was reportedly the origin of the materials disposed of at this dump.

Across William S. Canning Boulevard to the west, in the location which Super Shaws Market now sits, was the location of the Tucker Street Dump. According to municipal regulatory sources, this dump was once managed and maintained by the City of Fall River, but was privatized in the mid-1940's. The Tucker Street Dump was reportedly closed in 1964.

Excavation activities conducted at the nearby Super Shaws in 1985 identified the presence of fly ash in the underlying fill material. Records indicate that this material originated from New England Power Company's Brayton Point Power Station located approximately three miles north of this property and the Site. No additional information was available concerning the fill material utilized while this property was operated as a landfill.

### 6.3 Tanks (Aboveground and Underground)

According to the ERIIS report, there are eight (8) registered underground storage tanks sites located within one half mile radius of the Site. There are a total of twenty nine (29) underground tanks registered for all eight sites. Of the twenty nine tanks, ten (10) have been removed. The remaining tanks are active with one waste oil tank not reported. None of the registered tanks are located on properties which abut the Site.

One facility located approximately 1/2 mile to the northeast is listed as having had a leaking underground storage tank. Assuming a southeasterly groundwater flow direction at the Site, it is unlikely that this facility has had an impact on the subject Site.

### 6.4 Transformers

Transformers in the vicinity of the Site are owned and maintained by Eastern Utilities Company. A review of Eastern Utilities' files indicates that the transformers contain standard mineral oil and are classified as "non-PCB".

## 6.0 SURROUNDING AREA INVESTIGATION

### 6.1 Present Usage

The Site is located in the southern portion of the City of Fall River. Stafford Road borders the property to the east, the Latourneau School and residential structures border the property to the north, State Route 24 borders the Site to the south and the New Harbour Mall complex borders the property to the west.

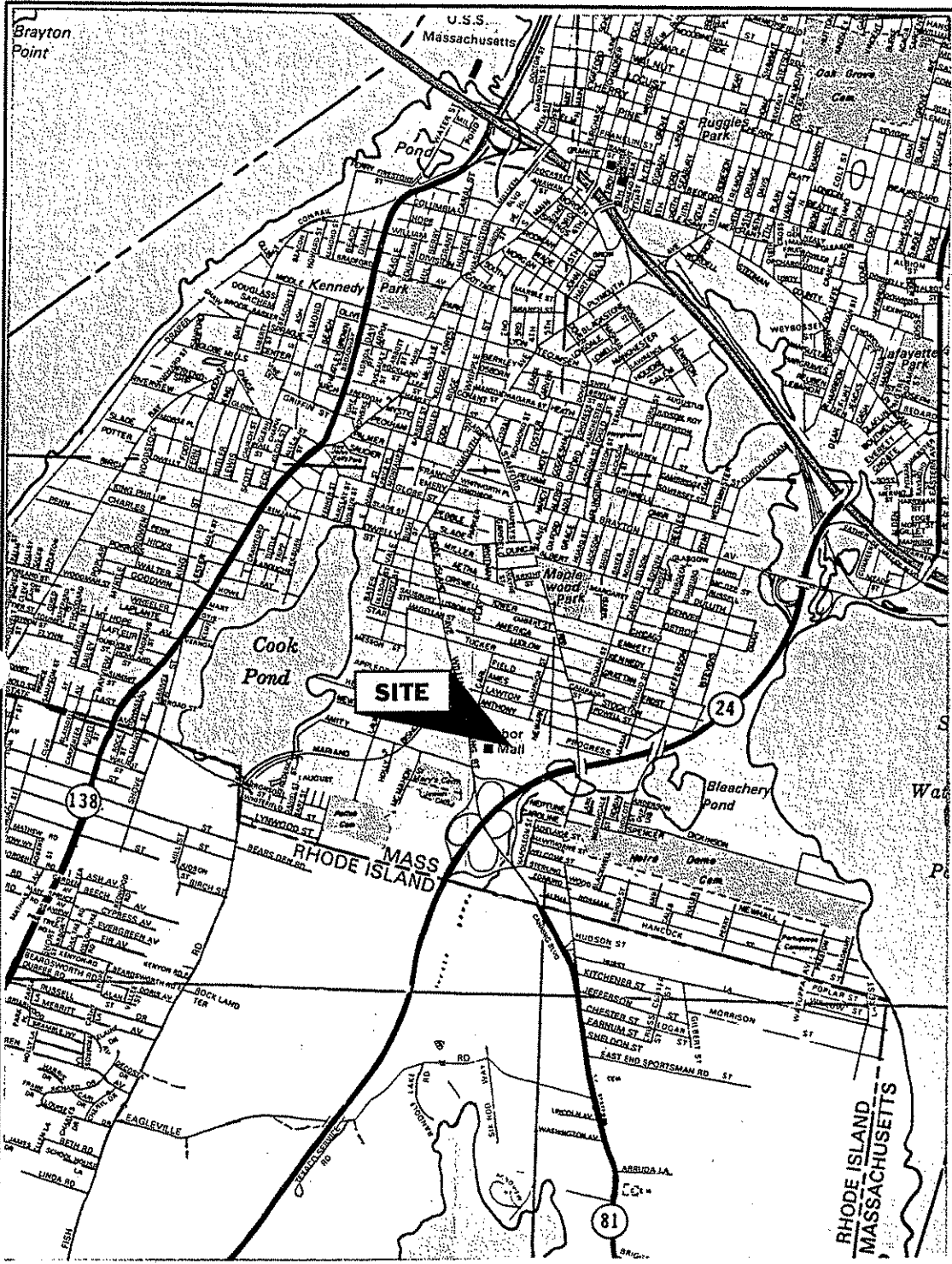
Stafford Road is lined primarily with residential houses and multi-tenant buildings. Zoning in this area is R-8, single family residential with 12,000 square foot lot minimum. The Latourneau School to the north of the Site is surrounded by residential structures and is also zoned R-8. South of Route 24 is additional R-8 zoned residential housing. Property to the west of the site, including the New Harbour Mall complex is zoned B-L, local business. Across William S. Canning Boulevard to the west are additional shopping stores and commercial properties. Zoning changes from B-L to B-N, neighborhood shopping the further west one would travel. William S. Canning Boulevard runs north and south and holds much of the commercial business in the area. To the north of the New Harbour Mall Complex, along William Canning Blvd. is Barbozas Ford Dealership, a small section of residential structures, fast food restaurants, gasoline stations, and small commercial businesses.

### 6.2 Historical Usage

A review of aerial photographs from 1964 and 1968 maintained by the City of Fall River Engineering Department indicates that the properties adjoining the Site to the west were utilized for landfill purposes. Copies of the aerial photographs can be found in Appendix E of this report.

According to municipal regulatory sources, the properties west of the Site reside atop an area formerly identified as the Firestone Rubber Company dump. This dump reportedly operated from approximately 1900 until it's closure sometime in the mid-1960s. No written records were available for review regarding the fill materials or discarded wastes associated with the Firestone Rubber Company

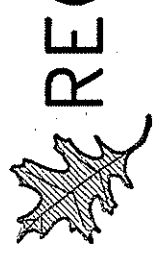


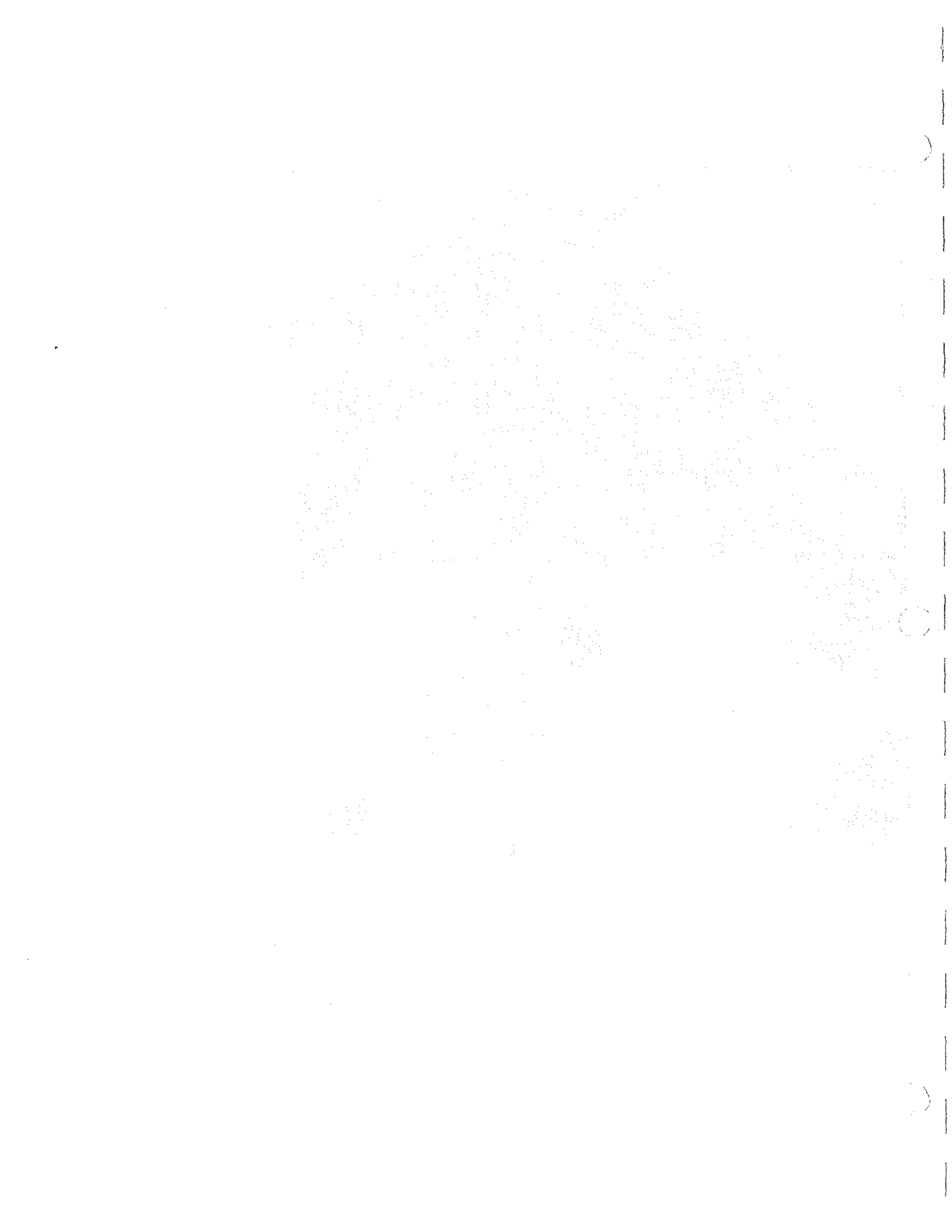


DWG. TITLE:  
**FIGURE 1**  
**SITE**  
**VICINITY**  
**MAP**

**PROJECT NO: W50219**  
**K-MART STORE**  
**WILLIAM S. CANNING BLVD.**  
**FALL RIVER, MA**

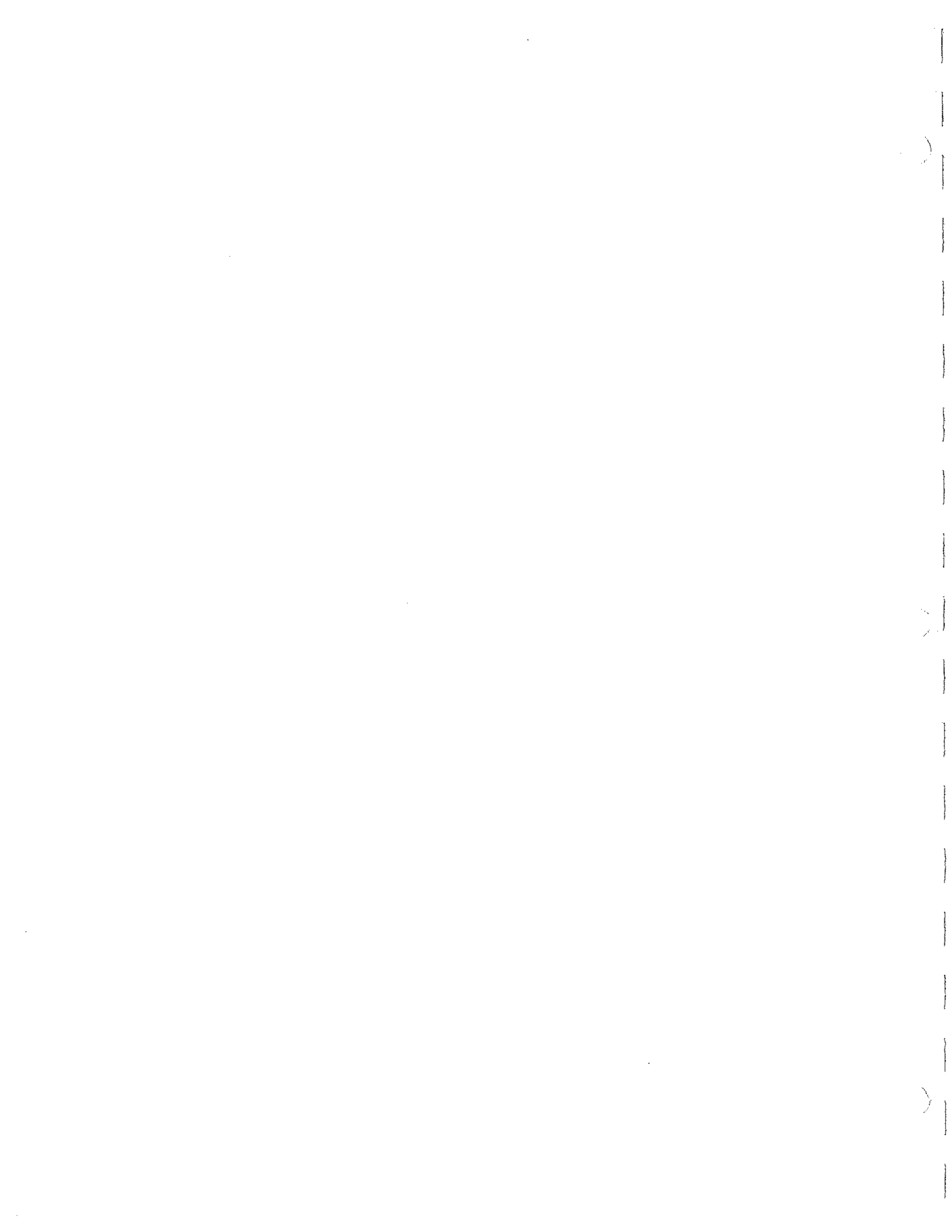
**RECON**  
**RECON ENVIRONMENTAL CORPORATION**  
**ENVIRONMENTAL CONSULTANTS & LABORATORY SERVICES**  
**25 MATHEWSON DRIVE, WEYMOUTH, MA 02189**  
**TELEPHONE: (617) 337-7887**





# Appendix E

## Site Photographs



**Vanasse Hangen Brustlin, Inc.**  
**PHOTOLOG DOCUMENTATION**  
Town Fair Tire Centers, Inc.  
Proposed Commercial Development  
Fall River, Massachusetts

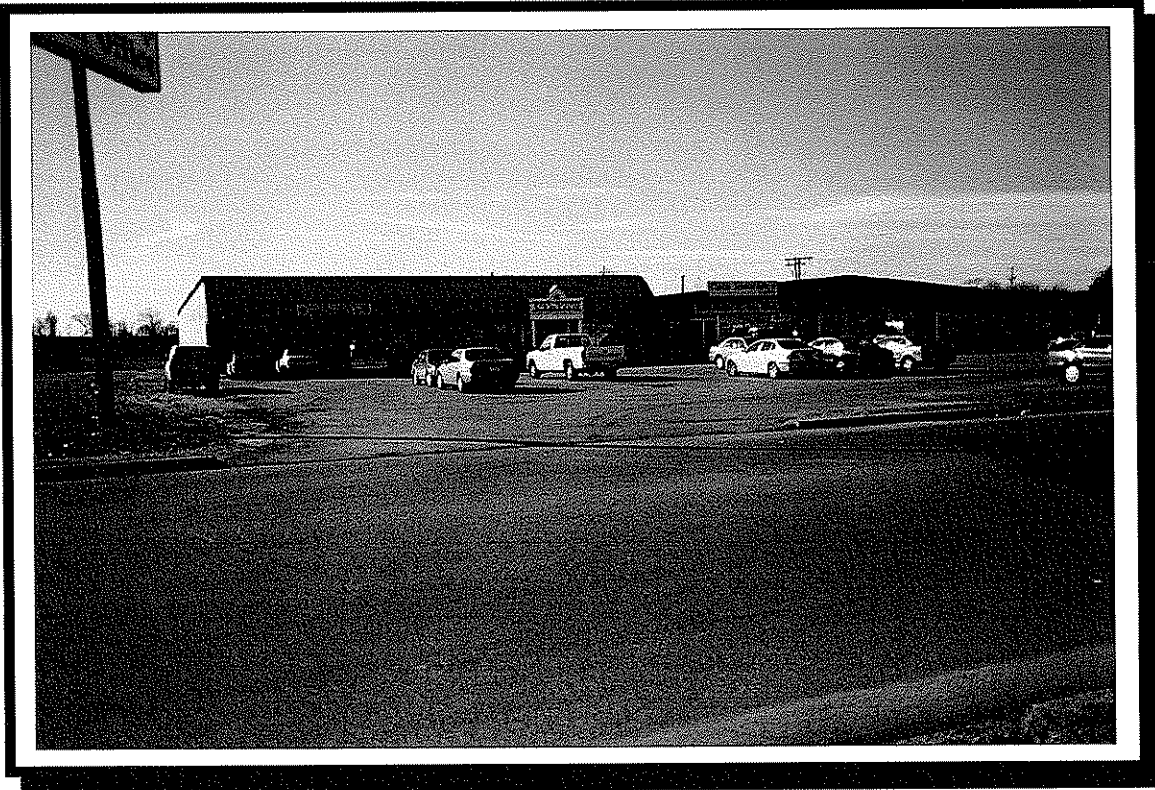


Looking north toward Site.



Looking south toward Site from across Newton Street.

**Vanasse Hangen Brustlin, Inc.**  
**PHOTOLOG DOCUMENTATION**  
Town Fair Tire Centers, Inc.  
Proposed Commercial Development  
Fall River, Massachusetts



Looking south toward property from across Newton Street.



0 100 200 Feet

PHOTO DATE: 1996

FALL RIVER, MA