

**ENVIRONMENTAL SITE ASSESSMENT  
106 HALE STREET  
BRIDGEWATER, MASSACHUSETTS**

DECEMBER 12, 2012

Prepared For:  
Division of Capital Asset Management  
Office of Real Estate Management  
One Ashburton Place, 15<sup>th</sup> Floor  
Boston, Massachusetts 02108



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106 HALE STREET  
BRIDGEWATER, MASSACHUSETTS**

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December 12, 2012

Division of Capital Asset Management  
Office of Real Estate Management  
One Ashburton Place  
Boston, Massachusetts 02108  
Attn: Ms Carol Meeker

**RE: Environmental Site Assessment  
106 Hale Street  
Bridgewater, Massachusetts  
GEC Project No. 1424-2350**

Dear Ms. Meeker:

Enclosed please find the completed Executive Office of Environmental Affairs Environmental Site Assessment Form for the above-referenced Site. Provided below are the conclusions pertaining to the report, as well as pertinent recommendations. GEC's investigation consisted of a Site inspection, database review, and interviews with Mr. William Renny, the Site owner. GEC also made inquiries and interviewed local officials of the Town of Bridgewater, Massachusetts including representatives of the Fire Department, Building Department, Health Department, and Assessor's Office. The purpose of GEC's investigation was to determine whether there is evidence the property has been impacted by a release of oil and/or hazardous materials (OHM).

### **Conclusions**

The Site consists of an approximate 1.546-acre, rectangular-shaped parcel of commercial land located in the Town of Bridgewater, Massachusetts. The Site is located north of the intersection of Hale Street and Plymouth Street and is presently developed by a partial two-story, irregular-shaped, commercial building (hereafter referred to as "Site building") situated on the northwestern portion of the Site, which is occupied by several commercial tenants. The remainder of the Site consists of asphalt-paved parking areas, some vegetated areas, as well as a former building slab from a building, which was historically razed to grade. The Site is accessed from Hale Street. Numerous features including column footings, pipe flanges, and steel plates remained in the building slab. According to the Town of Bridgewater Assessor's Office, the Site is identified on Map 34 as Lot 233 and 234. Additionally, according to the Assessor's Office, the Site was acquired by Hale Street Properties, Inc., from David A. Bevis, Trustee on October 11, 1994 (Book 13196, Page 147). A chain of title was not reviewed as part of this assessment; however, Assessor's Department records indicated that David A. Bevis, Trustee acquired the Site from Independent Nail, Inc. on November 9, 1992 (Book 11406, Page 107-108). Independent Nail, Inc. reportedly acquired the Site on October 3, 1972 from an unspecified grantor.



Geographic coordinates for the Site are approximately 41° 59' 28" N latitude and 70° 58' 19" W longitude. The Site is bound to the northeast by the Massachusetts Bay Transit Authority (MBTA) Commuter Rail right-of-way, to the southeast by Plymouth Street, with a single family residence and a parking lot opposite the Site, to the southwest by Hale Street, with residential and commercial properties opposite the Site, and to the northwest by a residence. GEC observed groundwater monitoring wells and small shed structures in the MBTA Commuter Rail right-of-way. With the exception of the Commuter Rail right-of-way, GEC did not observe obvious environmental concerns in association with the current adjoining operations. Refer to Figure 1 for a Site Locus and Figure 2 for the Assessor's Maps provided as Attachments III and IV, respectively.

On November 26, 2012, GEC performed an inspection to identify and define any potential environmental concerns on the Site and abutting properties, including evidence of current or historic use of aboveground storage tanks (ASTs) and underground storage tanks (USTs), and the use or storage of OHM. GEC was accompanied by Mr. William Renny during portions of the Site reconnaissance. GEC conducted an exterior inspection of the Site, walking throughout the parking area and along the Site's perimeter. The interior visit started from the lobby area and then GEC walked through the first and second level offices, storage, and tenant occupied areas inside the building with the exception of warehouse space occupied by Atlantic Concrete Construction, and a beverage container redemption center occupied by Bridgewater Bottle and Can. Access to these spaces was denied by the tenants. GEC drove or walked on publicly available roadways to view adjacent properties. Refer to the Assessor's Map provided in Attachment IV for a map of the Site depicting GEC's inspection path. Refer to Attachment VI for Site Photographs taken during the Site inspection.

The Site building is presently occupied by numerous commercial clients including, All Pro Productions, Inc., Ashmont Iron Works, Atlantic Concrete Construction, Bridgewater Bottle and Can, Bridgewater State University, Effective Logistics Management, Julie's School of Dance, Loch Ness Pools, NFP80B (a music production studio), a Snap-on Tools dealer, and several other private tenants for office or storage space. Several former tenants had recently vacated the building including Vintage Spa, Reality Self-Defense, and the campaign headquarters of a candidate for State Representative. The Site building has approximately 34,685 square feet of improved space and is constructed of concrete/brick atop a concrete slab foundation, with a flat membrane roof. The first and second floors are partitioned into several office, storage, and studio spaces, as well as restrooms, mechanical rooms, a mail room, and a kitchen. The second floor is accessed via four stairwells. The interior walls of the Site building are finished with drywall/plaster, the ceiling materials observed inside the Site building included drywall, drop acoustical tile and steel beams and metal decking, and the flooring materials consisted of carpeting, hardwood, vinyl tiles, and concrete. GEC noted no evidence of mold inside the Site Building, but several water damaged ceiling tiles were observed in the second floor Reality Self Defense studio during the Site visit.

The Site building is reportedly heated by natural gas-powered heating. According to the property owner's representative, the Site building is connected to the publicly

available electric utility. Additionally, the Site is connected to the municipal water supply and sewer systems. GEC did not observe physical evidence of septic systems or a private water supply well during the Site inspection.

Activities conducted on-Site include office use, beauty spa activities, martial arts and dance training and competition, materials storage, and possibly some equipment repair. Waste generated on-Site reportedly consists of general solid refuse which collected in solid waste receptacles prior removal by Mass Waste. Aside from *de minimis* OHM storage, no potential environmental concerns were noted in any of the areas inspected and no staining or environmentally-suspect materials were noted in the vicinity of the solid waste receptacles. GEC did not observe any indications of improper OHM storage in the Site building, and none of the tenant businesses at the Site were identified on the RCRA Generator of Hazardous Waste database.

The exterior of the Site consisted of asphalt-paved parking areas with a former building slab on the southeastern end. A narrow vegetated area is located along the northern property boundary. The asphalt pavement was observed to be in relatively good condition, with only minor cracks and staining typical of parked vehicles. GEC did not detect suspicious odors, distressed vegetation or stained soil on-Site during the Site reconnaissance. GEC observed several features in the former building slab including steel plates, a pipe flange, and several possible column footings. In addition, a steel pipe was observed protruding from the ground adjacent to the northern corner of the building located adjacent to the MBTA Commuter Rail right-of-way. A large pad-mounted transformer was observed adjacent to the northwestern corner of the building. No labels indicating PCB content were observed on the transformer. With the (possible) exception of the transformer, GEC did not observe the storage of hazardous/petroleum substances on the exterior portions of the Site.

During the Site inspection, GEC searched for evidence of the current and historic use of ASTs and USTs. GEC searched for the features or situations that could indicate the current or prior existence of ASTs or USTs, including fill and vent pipes. According to Town of Bridgewater records and Mr. Renny, the Site is heated by natural gas fired heat. No ASTs were observed on the Site; however, it should be noted that GEC could not access a large warehouse space occupied by Atlantic Concrete Construction and a bottle redemption center occupied by Bridgewater Bottle and Can. GEC made several inquiries at the Town of Bridgewater Fire Department to review OHM storage records. To date no response, aside from recording GEC's requests for information, have been received from the Town of Bridgewater Fire Department. Based on file information provided by the Site owner, the Site has reportedly had numerous USTs, some of which were removed and some of which were abandoned in place by filling with concrete slurry. The exact number of USTs presently or formerly located on-Site could not be determined from the available file information, as historic UST records were incomplete and also included USTs located at off-Site locations, and did not specify the exact location of the all of the USTs. Records provided to GEC indicated that the following USTs were removed from the street address 106 Hale Street:

- Three 5,000-gallon and one 500-gallon steel USTs closed in place using concrete slurry, permit date April 19, 1990;
- One 5,000-gallon steel fuel oil UST closed in place using concrete slurry, permit date April 26, 1990;
- One 5,000-gallon steel #2 fuel oil UST closed in place using concrete slurry, permit date December 5, 1990;
- Two 1,000-gallon steel gasoline UST removed from Site, permit date March 11, 1992;
- Three 2,000-gallon quench oil steel USTs and one 200-gallon gasoline UST removed from Site, permit date April 15, 1992;
- One 500-gallon kerosene steel UST removed from the Site, permit dated May 4, 1992;
- One approximately 500-gallon motor oil UST reportedly removed from the Site on May 24, 1996;

With the exception of the motor oil UST removed on May 24, 1996, no records of confirmatory soil sampling were found in connection with the UST removals or closures.

GEC observed several features in the former building slab including steel plates, a pipe flange, and several possible column footings. In addition, a steel pipe was observed protruding from the ground adjacent to the northern corner of the building adjacent to the MBTA Commuter Rail right-of-way during the Site reconnaissance.

During the Site inspection, GEC made observations for suspected Asbestos Containing Material (ACM) and Lead-Based Paint (LBP). Sample collection and confirmatory optical analyses were not performed, and were beyond the scope of this investigation. During inspection of the Site building GEC attempted to view insulation materials and behind walls whenever possible, without being invasive. GEC assumed that any suspected ACM encountered during the survey was constant throughout the building between floors, behind walls, and in ceiling spaces. Drywall (and associated joint compounds), drop acoustical ceiling tiles, vinyl sheeting and tiles (and associated mastics) and vinyl baseboard materials, building materials which are typically considered suspect ACM, were observed in the Site building. Additionally, painted surfaces were observed throughout the Site building. Painted surfaces were in good condition with no peeling paint observed. Based on the construction date of the Site building (circa 1900) it is possible that ACM and LBP are present in the Site building.

During the Site inspection, GEC made observations for equipment likely to contain PCB oil. Equipment likely to contain PCB oil includes electrical transformers, capacitors, hydraulic equipment and oil switches. Numerous fluorescent light fixtures were observed in the Site building and a pad-mounted electrical transformer was observed adjacent to the northwest corner of the Site building. No labels indicating if the equipment contained PCBs were observed. No additional suspect PCB containing equipment was noted on Site.

GEC attempted to determine the Site land use history back to 1900. Aerial photographs (aerials) were obtained from FirstSearch Technology Corporation (FirstSearch) for the years 1941, 1943, 1952, 1960, 1974, 1985, 1995, 2003, 2004, 2006, and 2010. The resolution of the 1941 and 1943 aerials is poor therefore details of the Site are difficult to discern. The Site was almost completely covered by either a single building or several buildings close together in the 1952, 1960, 1974, 1974, 1985, and 1995 aerials. The southeast portion of the Site building/buildings was depicted as demolished on the 2003, 2006, and 2010 aerials. Several industrial/commercial buildings were located in the vicinity of the Site in the aerials. The building to the northeast of the Site present in the 1941, 1943, 1952, and 1960 aerials appears to have been demolished in the 1974 and subsequent aerials. The MBTA Commuter Rail parking lot was depicted to the northeast of the Site in the 2003, 2006, and 2010 aerials. See Attachment VII for copies of the aerial photographs provided by FirstSearch.

GEC also reviewed Sanborn Fire Insurance Maps for the Site dated 1885, 1891, 1896, 1901, 1906, 1912, 1921, 1931, 1943, and 1962. The Site was not depicted in the 1885, 1891, 1896, and 1901 Sanborns. The 1906 Sanborn depicted the site as occupied by residential dwellings, a horse stable, and a carpenter's shop. The 1912 Sanborn depicted the Site as occupied by residential dwellings and a cabinet manufacturer. The 1921 and 1931 Sanborns depicted the Site as occupied by Independent Nail and Packaging Company, residential dwellings, and an auto painting shop. The Independent Nail and Packaging Company building footprint occupied most of the Site in the 1943 and 1962 Sanborns. Properties in the vicinity of the Site were depicted as dwellings, with a tack manufacturer and a slipper manufacturer to the north of the Site in the 1885, 1891, 1896 and 1901 Sanborns. A large rail yard was depicted on the present day MBTA right-of-way in all of the Sanborns. Bridgewater Ice and Coal was depicted to the southeast of the Site in the 1912 Sanborn. A grain company was depicted to the east of the Site in the 1912, 1921, and 1931 Sanborns. The L.Q. White Shoe Factory was depicted to northeast of the Site in the 1912, 1921, and 1931. A chicken ranch was located northeast of the Site in the 1943 and 1962 Sanborns. The H.G. Miller Tack and Nail factory was depicted north of the Site in the 1921 Sanborn. See Attachment VII for copies of the Sanborns provided by FirstSearch.

GEC also reviewed historic topographic maps for the Site dated 1893 and 1940. The Site was depicted with several small structures in both topographic maps.

City Directories maintained by FirstSearch Technology Corporation were obtained for the Site and additional addresses on Hale Street between 1992, 1995, 2000, 2004, 2007, and 2012. The Site was occupied by numerous commercial clients in the directories including the beverage container redemption center, Vintage Spa, martial arts studios, Cool Breeze Heating and Air Conditioning, Inc, an electrician, Boulder Sheet Metal, Inc, and Atlantic Concrete. The majority of the listings for the surrounding properties were residential; however some commercial occupants were noted including Pilgrim Warehouse and Cartage at 77 Hale Street in 1995. See Attachment VII for copies of the city directories provided by FirstSearch.

GEC interviewed Mr. William Renny, Site owner's representative, in an effort to obtain further information pertaining to the Site. According to Mr. Renny, the Site was historically operated as a nail factory (Independent Nail, Inc.). He indicated that there were formerly two buildings located on Site and that the southeastern building had historically been demolished. Mr. Renny indicated that the Site is connected to the publicly available water, sewer, gas and electric utilities. Mr. Renny stated that numerous USTs exist/existed on the Site associated with the former Independent Nail manufacturing plant, and that a release of OHM associated with those USTs had occurred for which remedial work had been conducted. GEC was provided documentation of environmental assessments of the Site, which included an *Environmental Site Assessment* dated March 18, 1991, prepared by Briggs Associates, Inc., and documentation of MassDEP submittals for RTNs 4-1187 and 4- 12138. See Attachment VII for pertinent portions of these records.

Based on review of a 7.5-minute USGS Bridgewater, Massachusetts topographic quadrangle map and the FirstSearch report, the Site is situated approximately 70 feet above mean sea level. Topographic relief across the Site is relatively flat, sloping downward to the east with an approximate 10 to 15 foot elevation difference from the adjacent MBTA Commuter Rail right-of-way. Additionally, based on historic environmental investigations for the Site, groundwater on-Site likely flows northeast.

According to FEMA Flood Insurance Map Community Panel #25023C0301J dated July 17, 2012, the Site was identified within a Zone X "Other Area," indicating that the Site is located outside of the 0.2% annual chance floodplain. According to the Massachusetts Department of Environmental Protection (MADEP) 21E map, a medium yield non-potential drinking water source area, wetlands, and protected open spaces are located within 1,000-feet of the Site. No other environmental resource areas were identified within 1,000-feet of the Site. The Site is not comprised of National Wetland Inventory wetlands; the closest freshwater wetlands are located approximately 800 feet north of the Site.

Based on the FirstSearch Technology Corporation report, the Site is an Emergency Response Notification System (ERNS) Site, after 11,000 gallons of hazardous waste was left behind in drums when Independent Nail, Inc. vacated the Site on December 12, 1993. Additionally, the adjacent MBTA commuter rail right-of-way is an ERNS site after a release of quench oil from USTs associated with the former Independent Nail Company were observed on the MBTA property and reported to the National Response Center (NRC). Additionally, the Site is listed as State Disposal Site (RTNs 4-1187 and 4-12138), and State Spill Site. No NPL or RCRA CORRACTS facility were identified within one mile of the Site. No federal CERCLIS sites or RCRA non-CORRACTS TSD facilities were identified within ½-mile of the Site, but 19 State Disposal Sites (including the Site), and 32 State Spill Sites (including the Site) were identified within ½-mile of the Site. Information regarding the two RTNs issued for the Site is presented below. According to the FirstSearch report, three spills reported for the Site include: a September 19, 1991 spill of an unknown amount of #2 Fuel Oil, a March 12, 1992 spill of an unknown amount of gasoline, and an April 10, 1992 spill of

lubricating oil. Based on distance and likely groundwater flow direction it is unlikely that the Site has been impacted by the off-Site State Releases and State Spills, other than those noted below. The FirstSearch Technology Corporation's report is provided as Attachment V.

In April of 2002, quench oil was reportedly observed in wetlands adjacent to the south side of the Site which was reportedly related to leaking USTs located on the Site. The release was assigned RTN 4-1187. The disposal site defined by RTN 4-1187 includes much of the area of the Site to the southeast of the current Site building. According to a Class C Response Action Outcome (RAO) Statement filed by Weston and Sampson Engineers, Inc. (W&S) response actions taken to address the release included the removal of suspect USTs and impacted soil, product recovery via removal from wetlands, sumps, monitoring wells; the installation of a product interceptor trench and recovery pump and subsequent monitoring. On November 13, 1996, MassDEP, the MBTA, Bridgewater Corporation (the owner of the Site at the time), and W.H. Maze Company entered into Administrative Consent Order (ACO) ACOP-SE-96-P003 for the Site. It is unclear based on available file information if a penalty was assessed by MassDEP as part of the ACO. On February 28, 2003, DEP issued a Decision to Grant Permit Extension Transmittal #W028914 under ACO (ACO-SE-03-3S-005). This Permit Extension Approval/ACO outlines required submittals of data, and required revisions to the Phase IV RIP (by May 30, 2003), and attainment of Phase V Remedy Operation Status (by August 30, 2003).

The Class C RAO was filed with MassDEP in August of 2003 and operation, maintenance and monitoring of the remediation reportedly continued. On November 23, 2009, MassDEP issued a Notice of Noncompliance (NON) after a five-year periodic review was not filed for the Site. At that time, MBTA reportedly contracted a new Licensed Site Professional (LSP) to achieve compliance. The most recent status report observed in the MassDEP files is dated August 2011, which indicated that Arcadis U.S. had taken over as environmental consultant for MBTA. Inspections conducted for the August 2011 Post Class C Status Report indicated that some of the product recovery equipment was inoperable and needed repair/replacement, and also that significant quantities of product were still present in downgradient monitoring wells and sumps depicted on the Site. MBTA reportedly proposed active excavation and product recovery, in an attempt to achieve a Permanent Solution for the Site, to coincide with railroad tie replacement which was to have been conducted in the summer of 2011; however, these activities were determined to be infeasible as they would require the Commuter Rail line to be taken out of service for an extended period of time. No reports, NONs or other correspondence submitted/issued after the August 2011 Post Class C Status Report were observed in MassDEP electronic files. A limited number of soil and groundwater samples were collected from the Site as part of historic environmental assessment and remedial work associated with the adjacent disposal site. C9-C18 aliphatic hydrocarbons, C19-C32 aliphatic hydrocarbons, C11-C32 aliphatic hydrocarbons, and 1,1,1-Trichloroethane were detected in groundwater samples collected on Site. It should be noted that the Class C RAO Statement states that the Disposal Site is owned by the MBTA, and that the former USTs were located on MBTA property;

however, the Site figure depicts the disposal site as including a significant portion of the 106 Hale Street Site and depicts the former USTs and a sump on-Site (the last time the sump was gauged it contained 0.8 feet of product).

On May 24, 1996, an unspecified type of UST, containing motor oil, formerly located adjacent to the southeastern corner of a former building was removed from the Site. LSP Laurence P. Silva was present during the removal activities to document conditions and collect confirmatory samples. According to the Class A-1 RAO filed by Mr. Silva for RTN 4-12138 (DEP issued the RTN when notified of the discovery of the UST), the UST contents and the UST were removed from the Site and no indications of a release as documented by visual observation, organic vapor field screening, and post excavation soil sampling were observed.

GEC made inquiries for municipal records with local agencies and officials of the Town of Bridgewater Fire Department, Assessor's Office, Health Department and Building Department. Electronic records maintained by the Town of Bridgewater Building Department included a permits for renovations and repairs dating to August 5, 2002. GEC was informed that additional hardcopy building department records may exist; however, the staff present at the time of the records review did not know where they were located. No records of complaints or violations were on file with the Town of Bridgewater Health Department. Health Department records indicated that the Site is connected to the municipal water and sewer service. GEC made several requests by phone, email, and in person, with the Town of Bridgewater Fire Department to review records pertaining to the Site. No response was received from the Town of Bridgewater Fire Department to phone and email inquiries aside from recording the requests. GEC was told that no fire prevention personnel were available to assist when the in-person request was made.

### **Recommendations**

The Site is located in the Town of Bridgewater, Massachusetts and consists of an approximately 1.546-acre parcel of land containing a commercial structure, which was historically part of a nail manufacturing plant, and is currently being used for storage, studio, and office space by several commercial tenants. No potential environmental concerns were identified in association with the current on-Site operations; however, historical records indicate that the previous nail manufacturing facility utilized up to 14 USTs containing fuels and process chemicals such as gasoline, fuel oil, quench oil, and xylenes. The Site was listed as an ERNS Site after 11,000 gallons of hazardous waste was left behind in drums when Independent Nail, Inc. vacated the Site on December 12, 1993. Additionally, the adjacent MBTA commuter rail right-of-way was identified as an ERNS site after a release of quench oil from USTs associated with the former Independent Nail Company were observed on the MBTA property and reported to the NRC. Also, the Site is listed as State Disposal Site (RTNs 4-1187 and 4-12138), and State Spill Site. Response actions for RTN 4-12138 are complete and a condition of no significant risk was documented; however, a significant portion of the Site is considered to be part of a disposal site that originates on an adjacent property (under RTN 4-1187,

for which a Class C RAO Statement was submitted), and this portion will remain under assessment until a Permanent Solution is achieved.

GEC recommends conducting a Phase II Subsurface Investigation of the Site, including those areas of the Site currently within the disposal site boundary associated with the Class C RAO Statement submitted for the adjacent property, which remains under evaluation per the MCP requirements for properties where a Class C Response Action Outcome has been submitted. This Phase II investigation should include a ground-penetrating radar and/or magnetometer survey of the exterior portions of the Site, and soil and groundwater sampling at strategically placed sampling locations, both to evaluate any USTs identified on-Site, and to evaluate conditions on-Site relative to the Class C RAO. Additionally, GEC recommends performing soil vapor sampling in the lowest interior areas of the Site building, to determine whether organic vapors are migrating into the Site building.

If you have any further questions or comments, please do not hesitate to contact the undersigned at (781) 356-9140.

Respectfully submitted,  
**Goldman Environmental Consultants, Inc.**

Prepared By:



David McGrath  
Environmental Scientist

Reviewed and Approved By:



Daniel K. Shaffer  
Manager, Real Estate Risk Services

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**II. EOEA Environmental Site Assessment Form**

EEOEA Environmental Site Assessment Form  
Updated 6/7/2010

Site/Tract: 106 Hale Street, Bridgewater, MA  
DCR File No. N/A

Prepared by: David McGrath

Date: 12/12/12

In the answer columns, DK = "don't know" and NA = "not applicable"

**A. PROPERTY LOCATION/HISTORY/USE**

1. Attach a sketch or map of the property covered by this assessment (and adjacent property, if appropriate). Show any bodies of water, swamps, wetlands, wells, monitoring wells, improvements, structures, man-made features and any areas of concern noted in this assessment. Identify those areas that you physically inspected (e.g., paths walked, roads driven, etc.) and photograph any areas of concern.
2. List all known historical and current uses of the property (e.g., agricultural, commercial, manufacturing, undeveloped land, etc.). Identify all know owners/operators. Include dates/time periods as appropriate. 106 Hale Street, Bridgewater, MA (the "Site") consists of a 1.546 acre (±) parcel of land improved by a 1 to 2 story building with 34,685 square feet of improved space located within the Town of Bridgewater, in Massachusetts. The Site is located adjacent to the intersection of Hale Street and Plymouth Street (Route 104). The Site abuts the Massachusetts Bay Transit Authority (MBTA) Commuter Rail Line. The Site was developed for use as carpentry/woodworking facility early as 1906. According to records provided by the property owner, the Site was formerly occupied by Independent Nail, Inc. The Site is currently occupied by numerous commercial tenants, including All Pro Productions, Inc., Ashmont Iron Works, Atlantic Concrete Construction, Bridgewater Bottle and Can, Bridgewater State University, Effective Logistics Management, Julie's School of Dance, Loch Ness Pools, NFP80B (a music production studio), a Snap-on Tools dealer, and several other private tenants for office or storage space. Several former tenants had recently vacated the building including Vintage Spa, Reality Self-Defense, and the campaign headquarters of a candidate for State Representative. Refer to the Assessor's Map provided in Attachment IV for a map of the Site depicting the areas inspected by GEC.
3. List all known historical and current uses of adjacent properties which might have an impact on this property. Again, include dates/time periods as appropriate. The surrounding properties have historically been and are currently being used for commercial and residential purposes. No conditions or situations were observed on adjacent properties that are likely to impact the environmental condition of the Site property, except for two state disposal sites, 78 Plymouth Street (RTN 4-1268) and 85 Plymouth Street (RTN 4-15586 and 4-16394) which were identified as Site abutters. Although these releases are have achieved closure with MassDEP and are likely downgradient, due to their proximity to the Site, it is possible these releases have impacted the Site. It should be noted that the State Disposal Site for RTN 4-1187 which incorporates a portion of the Site also included a portion of the abutting MBTA property.
4. List all structures/utilities on the property and their uses. The Site is presently improved by a partial two-story, irregular-shaped, commercial building which has approximately 34,685 square feet of improved space. The Site building is serviced by the municipal water and sewer utilities and the available gas and electric utilities.

5. List all known local/federal/state permits & compliance history. Based on the FirstSearch Technology Corporation report, the Site is an ERNS Site. On May 24, 1996, an unspecified type of UST, containing motor oil, formerly located adjacent to the southeastern corner of a former building was removed from the Site. LSP Laurence P. Silva was present during the removal activities to document conditions and collect confirmatory samples. According to the Class A-1 RAO filed by Mr. Silva for RTN 4-12138 (DEP issued the RTN when notified of the discovery of the UST), the UST contents and the UST were removed from the Site and no indications of a release as documented by visual observation, organic vapor field screening, and post excavation soil sampling were observed.

The adjacent MBTA property is also an ERNS Site due to releases from USTs associated with the Site. In April of 2002, quench oil was reportedly observed in wetlands adjacent to the south side of the Site which was reported to be related to leaking USTs located on the Site. The release was assigned RTN 4-1187. The disposal site defined by RTN 4-1187 includes much of the area of the Site to the southeast of the present Site building. According to the Class C Response Action Outcome (RAO) filed by Weston and Sampson Engineers, Inc. (W&S) response actions taken to address the release included the removal of the suspect USTs and impacted soil, product recovery via removal from wetlands, sumps, monitoring wells; the installation of a product interceptor trench and recovery pump and subsequent monitoring. On November 13, 1996, MassDEP, the MBTA, Bridgewater Corporation (the owner of the Site at the time), and W.H. Maze Company entered into Administrative Consent Order (ACO) ACOP-SE-96-P003 for the Site. It is unclear based on available file information if a penalty was assessed by MassDEP as part of the ACO. On February 28, 2003, DEP issued a Decision to Grant Permit Extension Transmittal #W028914 under ACO (ACO-SE-03-3S-005). This Permit Extension Approval/ACO outlines required submittals of data, and required revisions to the Phase IV RIP (by May 30, 2003), and attainment of Phase V Remedy Operation Status (by August 30, 2003).

The Site has reportedly had numerous USTs some of which were removed and some of which were abandoned in place by filling with concrete slurry. The exact number of USTs presently or formerly located on the Site could not be determined from available file information as historic UST records were incomplete and also included USTs located on a parcel of land located to the northwest of the Site at the intersection of Hale Street and Depot Street, and did not specify the exact location of the all of the USTs. Records provided to GEC indicated that the following USTs were removed from the street address 106 Hale Street:

- Three 5,000-gallon and one 500-gallon steel USTs closed in place using concrete slurry, permit date April 19, 1990;
- One 5,000-gallon steel fuel oil UST closed in place using concrete slurry, permit date April 26, 1990;
- One 5,000-gallon steel #2 fuel oil UST closed in place using concrete slurry, permit date December 5, 1990;
- Two 1,000-gallon steel gasoline UST removed from Site, permit date March 11, 1992;
- Three 2,000-gallon quench oil steel USTs and one 200-gallon gasoline UST removed from Site, permit date April 15, 1992;
- One 500-gallon kerosene steel UST removed from the Site, permit dated May 4, 1992;
- One approximately 500-gallon motor oil UST reportedly removed from the Site on May 24, 1996;

With the exception of the motor oil UST removed on May 24, 1996, no records of confirmatory soil sampling were found in connection with the UST removals or closures.

The Class C RAO was filed with MassDEP in August of 2003 and operation, maintenance and monitoring of the remediation reportedly continued. On November 23, 2009, MassDEP issued a Notice of Noncompliance (NON) after a five-year periodic review was not filed for the Site. At that time MBTA reportedly contracted a new Licensed Site Professional (LSP) to achieve compliance with the MCP. The most recent status report observed in MassDEP files was dated August 2011 and indicated that Arcadis U.S. had taken over as environmental consultant for MBTA. Inspections conducted for the August 2011 Post Class C Status Report indicated that some of the product recovery equipment was inoperable and needed repair/replacement, and also that significant quantities of product were still present in downgradient monitoring wells and sumps located on the Site. MBTA reportedly proposed active excavation and product recovery, in an attempt to achieve a permanent solution for the Site, to coincide with railroad tie replacement which was to have been conducted in the summer of 2011; however, these activities were determined to be infeasible as they would require the Commuter Rail line to be taken out of service for an extended period of time. No reports or NONs or other correspondence submitted/issued after the August 2011 Post Class C Status Report were observed in MassDEP electronic files. A limited number of soil and groundwater samples were collected from the Site as part of historic environmental assessment and remedial work. C9-C18 aliphatic hydrocarbons, C19-C32 aliphatic hydrocarbons, C11-C32 aliphatic hydrocarbons, and 1,1,1-Trichloroethane were detected in groundwater samples collected on Site. It should be noted that the Class C RAO Statement indicated that the Disposal Site is owned by the MBTA, and that the former USTs were located on MBTA property; however, the Site figure depicts the Disposal Site as including a significant portion of the 106 Hale Street Site and depicts the former USTs and a sump on-Site (the last time the sump was gauged it contained 0.8 feet of product). The FirstSearch Technology Corporation's report is provided as Attachment V. Previous environmental reports are provided in Attachment VII.

## B. GENERAL PROPERTY CONDITION

|   | Yes      | No       | DK       | NA |
|---|----------|----------|----------|----|
| 1. In walking the Site did you observe any:                                   |          |          |          |    |
| a. Distressed vegetation or any areas that are bare for no apparent reason?   |          | <u>X</u> |          |    |
| b. Unusual odors?   |          | <u>X</u> |          |    |
| c. Stains (unusual or around areas where chemicals are stored/used)?          |          | <u>X</u> |          |    |
| d. Evidence of dumping?   |          | <u>X</u> |          |    |
| e. Trash or other debris?   | <u>X</u> |          |          |    |
| f. Drains or discharge pipes?   |          | <u>X</u> |          |    |
| g. Any unusual depressions or mounds?   |          | <u>X</u> |          |    |
| h. Are there any sheens or unusual colors on the surface of any water bodies? |          | <u>X</u> |          |    |
| i. Piping/vents for underground storage tanks?                                |          |          | <u>X</u> |    |
| j. Other areas of concern?  |          | <u>X</u> |          |    |

2. Comment on any "yes" answer above and locate those areas on the property sketch/map:  
Some litter (discarded food and beverage containers and plastic bags) was observed along the MBTA right-of-way and on the southern end of the Site.

|  | Yes | No       | DK | NA |
|--|-----|----------|----|----|
| 3. Are there any ditches, pits, ponds, lagoons, clarifiers, oil/water separators, surface impoundments, or sumps on the property? If yes describe how they are used and what they contain: |     | <u>X</u> |    |    |

## C. DRUMS

|  | Yes | No | DK | NA |
|--|-----|----|----|----|
| 1. Are there any storage drums on the property? If yes, locate them on the property sketch/map and indicate: |     | X  |    |    |
| a. Are they empty?   |     |    |    |    |
| b. Estimate number of drums and contents: _____  |     |    |    |    |
| c. Any evidence of leaking?  |     |    |    |    |
| d. Will the drums need to be removed?  |     |    |    |    |

e. Describe the area around the drums: \_\_\_\_\_

#### D. TRANSFORMERS

|   | Yes      | No       | DK       | NA       |
|---|----------|----------|----------|----------|
| 1. Are there any transformers (pole-mounted or pad-mounted) located at the property? If yes, indicate: <u>A Pad-mounted transformer is located adjacent to the northern corner of the Site building.</u><br>_____ | <u>X</u> |          |          |          |
| a. The types of devices and who owns them: <u>Pad-mounted transformer – National Grid</u><br>_____  |          |          |          |          |
| b. Are they labeled as containing PCBs?   |          | <u>X</u> |          |          |
| c. If not, are they labeled as being PBC free?  |          | <u>X</u> |          |          |
| d. Did they receive any industrial materials? If yes, discuss: _____<br>_____<br>_____  |          |          | <u>X</u> |          |
| e. Is there any evidence of leaking or damage?  |          | <u>X</u> |          | <u>X</u> |

#### E. TANKS/WELLS

|  | Yes      | No       | DK       | NA |
|--|----------|----------|----------|----|
| 1. Are there (or were there) any above or below ground storage tanks on the property? If yes, locate each tank on the property sketch/map and indicate: <u>X</u>                       | <u>X</u> |          |          |    |
| a. Is the tank above ground or underground? <u>underground</u> What is its age? <u>unknown</u> Size? <u>Various Sizes</u> What was/is stored in the tank? See Section L, Part 3. _____ |          |          |          |    |
| b. Is the tank still there? If not obtain details on removal.  | <u>X</u> | <u>X</u> |          |    |
| c. Have any permits been obtained for the tank? If yes review permits  |          | <u>X</u> |          |    |
| d. Has the tank and associated piping ever been tested? If yes, attach results.  |          |          | <u>X</u> |    |
| e. Describe the area around the tanks. Identify any evidence of leaking or spilling: <u>Yes. See Section A, Part 5.</u>  |          |          |          |    |

|  | Yes | No | DK       | NA |
|--|-----|----|----------|----|
| 2. Does the property contain any septic tanks or fields? If yes, locate on the property sketch/map and indicate: |     |    | <u>X</u> |    |
| a. Are they currently in use?  |     |    | <u>X</u> |    |
| b. Did they receive any industrial materials? If yes, discuss: _____<br>_____                                    |     |    | <u>X</u> |    |

|   | Yes      | No       | DK | NA       |
|---|----------|----------|----|----------|
| 3. Are there any wells in the property? If yes, locate on the property sketch/map and indicate:       | <u>X</u> |          |    |          |
| a. What kind of well is it? How is it used? <u>Groundwater Monitoring Wells</u><br>_____              |          |          |    |          |
| b. Are the wells currently in use?  |          | <u>X</u> |    |          |
| c. Are the wells locked or otherwise protected?   | <u>X</u> |          |    |          |
| d. Has the well water ever been tested? If yes, Attach results.                                       | <u>X</u> |          |    |          |
| e. Have there been any complaints about the quality of the water or flow rate? If yes, explain: _____ |          |          |    | <u>X</u> |

#### F. MINERAL /PETROLEUM OPERATIONS

|   | Yes | No       | DK | NA       |
|---|-----|----------|----|----------|
| 1. Were there ever any oil or gas facilities or mining activities on the property? If yes, locate these operations on the property sketch/map and indicate: |     | <u>X</u> |    |          |
| a. The type of operations in the property.  |     |          |    |          |
| b. Where were the wastes from such operations disposed of?  |     |          |    |          |
| c. Are there any oil or gas pipelines?  |     |          |    | <u>X</u> |
| d. Has any oil or gas pipeline on the property leaked? If yes, give details: _____  |     |          |    | <u>X</u> |
| e. Identify the owner/operator of any well, mine, or pipeline   |     |          |    |          |

## G. RADON

|   | Yes | No | DK | NA       |
|---|-----|----|----|----------|
| 1. Has a radon test been performed in any building at the property? If yes, attach results. |     |    |    | <u>X</u> |

## H. ASBESTOS

|   | Yes      | No | DK | NA |
|---|----------|----|----|----|
| 1. Is there any evidence of materials that are likely to contain asbestos, such as a roof, exterior pipe coverings, spray-on fire proofing, or cement sheet? If yes, describe the types, amounts and condition of materials (intact or deteriorating): <u>Floor and ceiling tile, mastic, plaster, drywall throughout the building. All intact.</u> | <u>X</u> |    |    |    |

## I. FILL/GRADING

|  | Yes      | No | DK | NA |
|--|----------|----|----|----|
| 1. Has fill ever been brought to or relocated on this property? If yes, indicate on the property sketch/map where it was placed and when and where it came from. | <u>X</u> |    |    |    |

|   | Yes      | No | DK | NA |
|---|----------|----|----|----|
| 2. Has there been any grading or disturbance to the soil? If yes, indicate why: <u>Excavation of contaminated soil from former quench oil UST location.</u> | <u>X</u> |    |    |    |

## J. CHEMICALS/WASTE DISPOSAL/SPILLS

|  | Yes      | No | DK | NA |
|--|----------|----|----|----|
| 1. Have any chemicals (e.g., industrial materials/compounds, petroleum products, fertilizers, herbicides, etc.) been used or stored on the property? If yes, indicate the types of chemicals, and how and where they were used and stored: <u>Gasoline, fuel oil, quench oil, acids, xylene. The exact location and use of the process chemicals could not be located in available file information.</u> | <u>X</u> |    |    |    |

|  | Yes | No       | DK | NA |
|--|-----|----------|----|----|
| 2. Has the property ever contained any areas used to store or dispose of waste? If yes, check below the kinds of materials stored or disposed and identify the method of disposal. |     | <u>X</u> |    |    |



**Materials Disposed**

- ☐ Appliances
- ☐ Asbestos
- ☐ Automobiles
- ☐ Chemicals
- ☐ Construction debris
- ☐ Garbage (food waste)
- ☐ Household trash
- ☐ Incinerator ash
- ☐ Industrial wastes (identify type)
- ☐ Mining wastes
- ☐ Pesticide or herbicide containers
- ☐ Petroleum products
- ☐ Sewage sludge
- ☐ Tires
- ☐ Other (identify: \_\_\_\_\_)

**Method of Disposal**

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Locate these activities on the property sketch/map.

3. How long were these activities conducted? \_\_\_\_\_

|  | Yes      | No | DK | NA |
|--|----------|----|----|----|
| 4. Has there ever been an oil or chemical spill/leak on this property? If yes, indicate what was spilled, where it was spilled, how much was spilled, and what response actions were taken: <u>See Section A, Part 5</u> | <u>X</u> |    |    |    |

|  | Yes      | No | DK | NA |
|--|----------|----|----|----|
| 5. Have there been any oil or chemical spills/leaks on adjacent property or in the surrounding area? If yes, explain: <u>See Section A, Part 5</u> | <u>X</u> |    |    |    |

**K. STUDIES/RECORDS/ENFORCEMENT**

|   | Yes      | No | DK | NA |
|---|----------|----|----|----|
| 1. Have any previous environmental assessments/tests/samplings/ impact statements been conducted for the property? If yes, attach copies. | <u>X</u> |    |    |    |

|   | Yes | No       | DK | NA |
|---|-----|----------|----|----|
| 2. Has the current owner had any communication with any government agency concerning environmental conditions on the property? If yes, explain: _____ |     | <u>X</u> |    |    |

|  | Yes      | No | DK | NA |
|--|----------|----|----|----|
| 3. Have any government officials ever investigated, cited, or been involved with any violations of any environmental law at this property or on property in the immediate vicinity? If yes, explain: See Section A, Part 5. _____<br>_____ | <u>X</u> |    |    |    |

|   | Yes      | No | DK | NA |
|---|----------|----|----|----|
| 4. Does this property or any property within one half mile appear listed by EPA or DEP as having a release which has not achieved a Permanent Solution in accordance with the MCP (or federal equivalent)? If "yes", explain: <u>See Section A.</u> | <u>X</u> |    |    |    |

#### L. OVERALL ASSESSMENT

1. Please check the sources listed below that you consulted in conducting this assessment:

X Interviews with owner: Owner Representative Mr. William Renny.

Interviews with others – identify:

X Interviews with fire, health, building, land use or environmental officials – identify: GEC interviewed local officials of the Town of Bridgewater, Massachusetts including representatives of the Assessor's, Building, and Health Department. GEC attempted to interview Fire Department personnel and review records, but received no informative response to multiple inquiries. No records of environmental concern were found pertaining to the Site at any of the above listed offices.

X Aerial Photos – current (2010)

X Aerial photos – historical (give years of photos): 1941, 1943, 1952, 1960, 1974, 1985, 1995, 2003, 2004, 2006.

X Historical Topographic maps/Atlases

☐ Neighborhood zoning maps/land use maps

☐ Chain of title history

☐ Title report

☐ Building specifications/plans

X CERCLIS list (date of list 11-19-12)

X National Priorities list (date of list 11-19-12)

X Federal Facilities list (date of list 11-19-12)

X State superfund or similar list (date of list 11-19-12)

☐ Previous environmental assessments – identify

2. Describe your visit(s) and how you inspected the property (e.g., walked perimeter, entered buildings, drove all passable roads, flew over interior, etc.): GEC entered the Site building via the main lobby and met with the owner's representative, Mr. William Renny. GEC conducted a reconnaissance of all accessible interior portions of the building. GEC was unable to access the Atlantic Concrete Construction and Bridgewater Bottle an Can tenant spaces. GEC walked

the exterior of the property on the north and south ends on foot. Surrounding properties were observed from the Site and surrounding roadways by foot and by vehicle. Refer to Attachment VI for Site Photographs taken during the Site inspection.

Number of visits: One Date(s)/Time Inspected: 11/26/12 1:00 PM

Identify all persons present during visits (including owner, EOE agency staff, others):

David McGrath, GEC

William Renny

3. Summarize the overall condition of the property and your conclusions/recommendations regarding the property: The Site consists of a 1.546-acre, rectangular-shaped parcel of commercial land located in the Town of Bridgewater, Massachusetts. The Site is located to the north of the intersection of Hale Street and Plymouth Street and is presently developed with a partial two-story, irregular-shaped, commercial building. No indications of a release or threat of release were observed during the Site visit (use of property as studio, storage, and office space); however, releases from historic activities (nail manufacturing and associated OHM storage) have been documented at the Site.

In April of 2002, quench oil was reportedly observed in wetlands adjacent to the south side of the Site which was reported to be related to leaking USTs located on the Site. The release was assigned RTN 4-1187. The disposal site defined by RTN 4-1187 includes much of the area of the Site to the southeast of the present Site building. According to the Class C RAO filed by W&S response actions taken to address the release included the removal of suspect USTs and impacted soil, product recovery via removal from wetlands, sumps, monitoring wells; the installation of a product interceptor trench and recovery pump and subsequent monitoring. The Class C RAO was filed with MassDEP in August of 2003 and operation, maintenance and monitoring of the remediation reportedly continued. On November 23, 2009, MassDEP issued a NON after a five-year periodic review was not filed for the Site. At that time MBTA reportedly contracted a new LSP to get the Site back into compliance. The most recent status report observed in MassDEP files is dated August 2011 and indicated that Arcadis U.S. had taken over as environmental consultant for MBTA. Inspections conducted for the August 2011 Post Class C Status Report indicated that some of the product recovery equipment was inoperable and needed repair/replacement, and also that significant quantities of product were still present in downgradient monitoring wells and sumps located on the Site. MBTA reportedly proposed active excavation and product recovery, in an attempt to achieve a permanent solution for the Site, to coincide with railroad tie replacement which was to have been conducted in the summer of 2011; however, these activities were determined to be infeasible as they would require the Commuter Rail line to be taken out of service for an extended period of time. No reports or NONs or other correspondence submitted/issued after the August 2011 Post Class C Status Report were observed in MassDEP electronic files. A limited number of soil and groundwater samples were collected from the Site as part of historic environmental assessment and remedial work. C9-C18 aliphatic hydrocarbons, C19-C32 aliphatic hydrocarbons, C11-C32 aliphatic hydrocarbons, and 1,1,1-Trichloroethane were detected in groundwater samples collected on Site. It should be noted that the Class C RAO Statement states that the Disposal Site is owned by the MBTA, and that the former USTs were located on MBTA property; however, the Site figure depicts the Disposal Site as including a significant portion of the 106 Hale Street Site and depicts the former USTs and a sump on-Site (the last time the sump was gauged it contained 0.8 feet of product).

The Site has reportedly had numerous USTs some of which were removed and some of which were abandoned in place by filling with concrete slurry. The exact number of USTs presently or formerly located on the Site could not be determined from available file information as historic UST records were incomplete and also included USTs located on a parcel of land located to the northwest of the Site at the intersection of Hale Street and Depot

Street, and did not specify the exact location of the all of the USTs. Records provided to GEC indicated that the following USTs were removed from the street address 106 Hale Street:


- Three 5,000-gallon and one 500-gallon steel USTs closed in place using concrete slurry, permit date April 19, 1990;
- One 5,000-gallon steel fuel oil UST closed in place using concrete slurry, permit date April 26, 1990;
- One 5,000-gallon steel #2 fuel oil UST closed in place using concrete slurry, permit date December 5, 1990;
- Two 1,000-gallon steel gasoline UST removed from Site, permit date March 11, 1992;
- Three 2,000-gallon quench oil steel USTs and one 200-gallon gasoline UST removed from Site, permit date April 15, 1992;
- One 500-gallon kerosene steel UST removed from the Site, permit dated May 4, 1992;
- One approximately 500-gallon motor oil UST reportedly removed from the Site on May 24, 1996;

With the exception of the motor oil UST removed on May 24, 1996, no records of confirmatory soil sampling were found in connection with the UST removals or closures.

During the reconnaissance, GEC observed features including steel plates, pipes, and pipe flanges in the ground surface.


GEC recommends conducting a Phase II Subsurface Investigation of the Site, including those areas of the Site currently within the disposal site boundary associated with the Class C RAO Statement submitted for the adjacent property, which remains under evaluation per the MCP requirements for properties where a Class C Response Action Outcome has been submitted. This Phase II investigation should include a ground-penetrating radar and/or magnetometer survey of the exterior portions of the Site, and soil and groundwater sampling at strategically placed sampling locations, both to evaluate any USTs identified on-Site, and to evaluate soil and groundwater conditions on-Site relative to the Class C RAO. Additionally, GEC recommends performing soil vapor sampling in the lowest interior areas of the Site building, to determine whether organic vapors are migrating into the Site building from historic releases related to the adjacent disposal site.

David McGrath  
Name of Preparer

  
Signature of Preparer

December 12, 2012  
Date

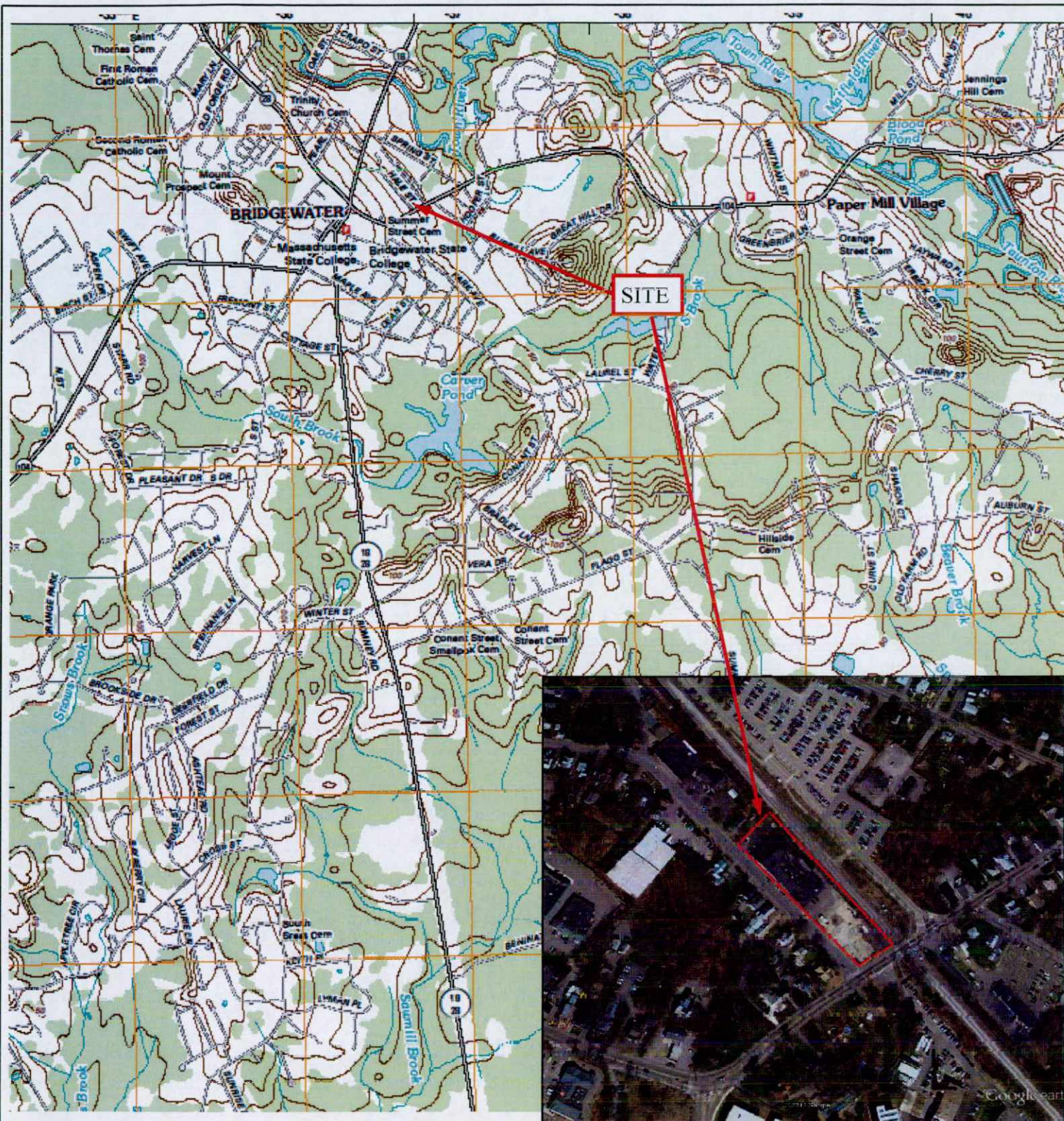
Daniel K. Shaffer  
Name of Reviewer

  
Signature of Reviewer

December 12, 2012  
Date

### III. Site Locus Map





USGS 7.5 Minute Topographic & 2012 Google Aerial

Bridgewater  
Massachusetts Quadrangle



Goldman Environmental Consultants, Inc.  
60 Brooks Drive  
Braintree, MA 02184  
(781)356-9140 Fax: (781)356-9147  
[www.goldmanenvironmental.com](http://www.goldmanenvironmental.com)

### SITE LOCUS

106 Hale Street  
Bridgewater, Massachusetts

GEC Project #: 1424-2350

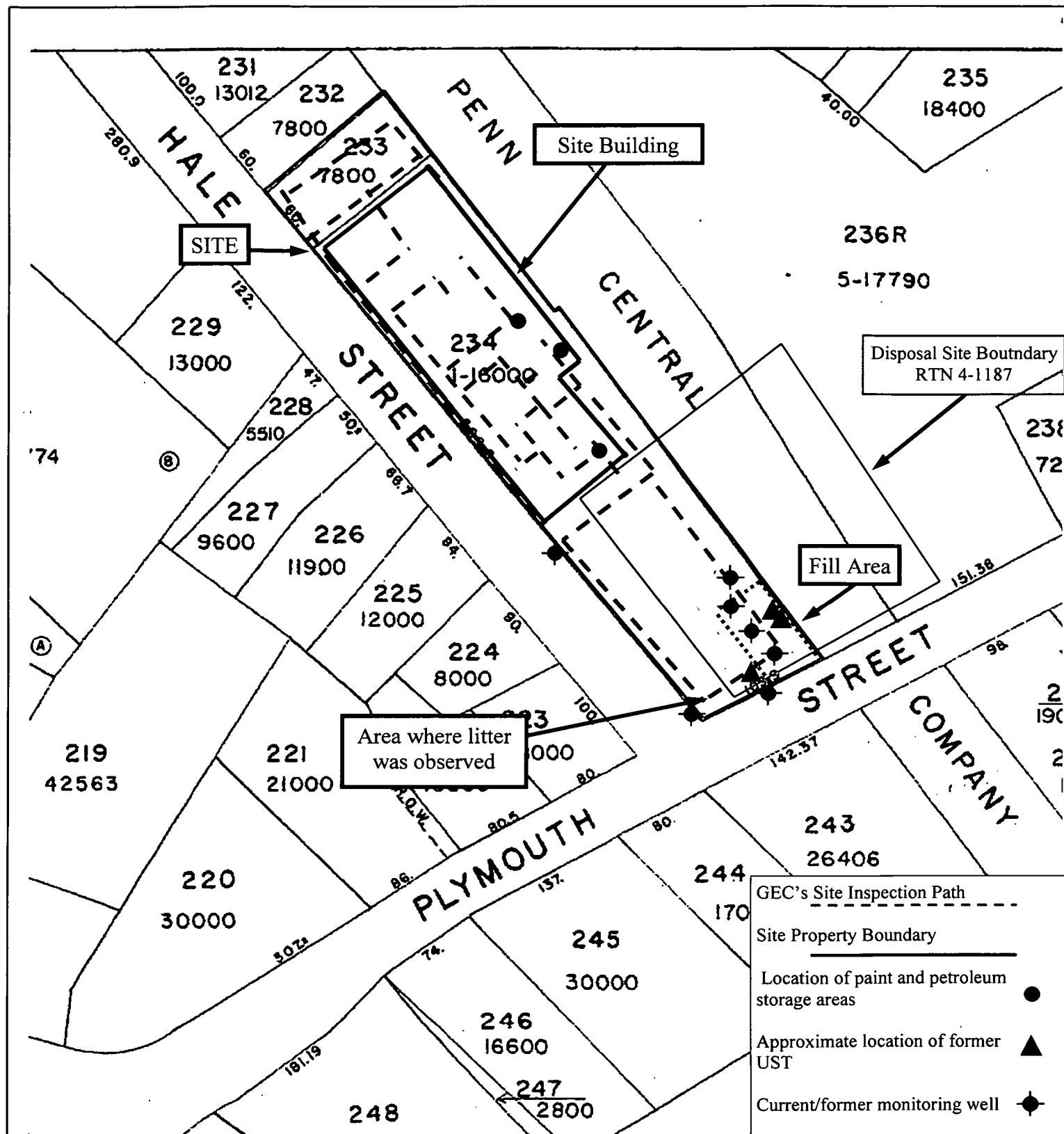
### Figure 1

Scale  
1 : 24,000





IV. Assessor's Map



Town of Bridgewater Map 34, Lot 233 and 234



Goldman Environmental Consultants, Inc.  
60 Brooks Drive  
Braintree, MA 02184  
(781)356-9140 Fax: (781)356-9147  
www.goldmanenvironmental.com

### ASSESSORS MAP

106 Hale Street  
Bridgewater, Massachusetts

GEC Project #: 1424-2350

Figure 2

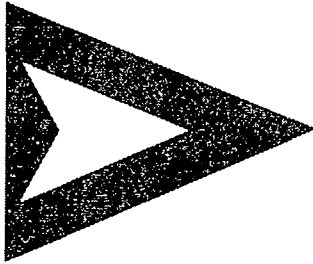




**V. Environmental FirstSearch Report**

# FIRSTSEARCH

## ENVIRONMENTAL FIRSTSEARCH REPORT



**TARGET PROPERTY:**  
**106 HALE STREET**  
**106 HALE ST**  
**BRIDGEWATER, MA 02324**  
**JOB NUMBER: 1424-2350**

## Environmental FirstSearch Search Summary Report

Target Site: 106 HALE ST  
 BRIDGEWATER, MA 02324

### FirstSearch Summary

| Database                 | Set | Updated  | Radius | Site | 1/8 | 1/4 | 1/2 | 1/2+ | ZIP | TOTALS |
|--------------------------|-----|----------|--------|------|-----|-----|-----|------|-----|--------|
| NPL                      | Y   | 09-20-12 | 1.00   | 0    | 0   | 0   | 0   | 0    | 0   | 0      |
| NPL Delisted             | Y   | 09-20-12 | 0.50   | 0    | 0   | 0   | 0   | 0    | 0   | 0      |
| CERCLIS                  | Y   | 10-01-12 | 0.50   | 0    | 0   | 0   | 0   | 0    | 1   | 1      |
| NFRAP                    | Y   | 10-01-12 | 0.50   | 0    | 0   | 0   | 0   | 0    | 0   | 0      |
| RCRA COR ACT             | Y   | 09-11-12 | 1.00   | 0    | 0   | 0   | 0   | 0    | 0   | 0      |
| RCRA TSD                 | Y   | 09-11-12 | 0.50   | 0    | 0   | 0   | 0   | 0    | 0   | 0      |
| RCRA GEN                 | Y   | 09-11-12 | 0.12   | 0    | 0   | 0   | 0   | 0    | 0   | 0      |
| RCRA NLR                 | Y   | 09-11-12 | 0.12   | 0    | 0   | 0   | 0   | 0    | 0   | 0      |
| Federal Brownfield       | Y   | 10-14-12 | 0.50   | 0    | 0   | 0   | 0   | 0    | 0   | 0      |
| ERNS                     | Y   | 10-04-12 | 0.12   | 0    | 3   | 0   | 0   | 0    | 4   | 7      |
| Tribal Lands             | Y   | 12-15-08 | 0.50   | 0    | 0   | 0   | 0   | 0    | 1   | 1      |
| State/Tribal Sites       | Y   | 09-11-12 | 1.00   | 0    | 4   | 6   | 4   | 5    | 0   | 19     |
| State Spills 90          | Y   | 09-11-12 | 0.25   | 0    | 8   | 20  | 0   | 0    | 0   | 34     |
| State Spills 80          | Y   | 03-10-98 | 0.25   | 0    | 0   | 4   | 0   | 0    | 2   | 6      |
| State/Tribal SWL         | Y   | 04-01-11 | 0.50   | 0    | 0   | 0   | 0   | 0    | 2   | 2      |
| State/Tribal LUST        | Y   | 09-11-12 | 0.50   | 0    | 3   | 7   | 3   | 0    | 1   | 14     |
| State/Tribal UST/AST     | Y   | 09-14-12 | 0.25   | 0    | 0   | 8   | 0   | 0    | 0   | 8      |
| State/Tribal EC          | Y   | NA       | 0.12   | 0    | 0   | 0   | 0   | 0    | 0   | 0      |
| State/Tribal IC          | Y   | 09-11-12 | 0.12   | 0    | 2   | 0   | 0   | 0    | 0   | 2      |
| State/Tribal VCP         | Y   | NA       | 0.50   | 0    | 0   | 0   | 0   | 0    | 0   | 0      |
| State/Tribal Brownfields | Y   | 01-02-12 | 0.50   | 0    | 0   | 0   | 0   | 0    | 0   | 0      |
| State ACEC               | Y   | 07-06-12 | 0.25   | 0    | 0   | 5   | 0   | 0    | 1   | 6      |
| Federal IC/EC            | Y   | 09-18-12 | 0.12   | 0    | 0   | 0   | 0   | 0    | 0   | 0      |
| -TOTALS-                 |     |          |        | 0    | 20  | 50  | 7   | 5    | 18  | 100    |

### Notice of Disclaimer

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

### Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services are proceeding on an understanding of FirstSearch 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.

PREPARED FOR:

November 19, 2012

### Environmental FirstSearch Site Information Report

Request Date: 11-19-12 Search Type: COORD  
 Requestor Name: David McGrath Job Number: 1424-2350  
 Standard: AAI Filtered Report

Target Site: 106 HALE ST  
 BRIDGEWATER, MA 02324

### Demographics

Sites: 100 Non-Geocoded: 18 Population: 9493  
 Radon: 0.2 - 5.7 PCVL  
 Fire Insurance Map Coverage: Yes

### Site Location

| Degrees (Decimal)     | Degrees (Min/Sec) | UTMs                  |
|-----------------------|-------------------|-----------------------|
| Longitude: -70.971492 | -70:58:17         | Easting: 336692.416   |
| Latitude: 41.990313   | 41:59:25          | Northing: 4650367.195 |
| Elevation: 73         | Zone: 19          |                       |

### Comment

Comment:

### Additional Requests/Services

| Adjacent ZIP Codes: |           |    |          |     | Services:           |      |          |
|---------------------|-----------|----|----------|-----|---------------------|------|----------|
| ZIP Code            | City Name | ST | Dist/Dir | Set | Requested?          | Date |          |
|                     |           |    |          |     | Fire Insurance Maps | Yes  | 11-19-12 |
|                     |           |    |          |     | Aerial Photographs  | No   |          |
|                     |           |    |          |     | Historical Topos    | No   |          |
|                     |           |    |          |     | City Directories    | Yes  | 11-19-12 |
|                     |           |    |          |     | Title Search        | No   |          |
|                     |           |    |          |     | Municipal Reports   | No   |          |
|                     |           |    |          |     | Liens               | No   |          |
|                     |           |    |          |     | Historic Map Works  | No   |          |
|                     |           |    |          |     | Online Topos        | Yes  | 11-19-12 |

### Environmental FirstSearch Target Site Summary Report

Target Property: 106 HALE ST  
 BRIDGEWATER, MA 02324 JOB: 1424-2350

TOTAL: 100 GEOCODED: 82 NON GEOCODED: 18 SELECTED: 0

| Map ID | DB Type | Site Name/ID/Status                             | Address                                    | Dist/Dir | Elev/Diff | Page No. |
|--------|---------|---|--|----------|-----------|----------|
| 1      | ERNS    | INDEPENDENT NAIL & PACKING 24305/11/12 FACILITY | 106 HALE ST BRIDGEWATER MA 02324           | 0.0s NW  | -10       | 1        |
| 1      | ERNS    | MASS BAY TRANSPORT AUTHORITY 05134/11/12 FAC    | TEN PARK PLAZA BRIDGEWATER MA 02324        | 0.0s NW  | -10       | 2        |
| 1      | ERNS    | H2084/11/12 FAC                                 | HALE RD BRIDGEWATER MA 02324               | 0.0s NW  | -10       | 3        |
| 1      | STATE   | BRIDGEWATER CORP EOTC 4-000118/RAO              | 106 HALE ST BRIDGEWATER MA                 | 0.0s NW  | -10       | 4        |
| 1      | SPILLS  | BRIDGEWATER CORP 4-1187 4-0011713/RAO           | 106 HALE ST BRIDGEWATER MA                 | 0.0s NW  | -10       | 7        |
| 1      | SPILLS  | BRIDGEWATER CORP EOTC 4-0001187/RAO             | 106 HALE ST BRIDGEWATER MA                 | 0.0s NW  | -10       | 9        |
| 1      | SPILLS  | EOTC PFM 591-0248/CLOSED                        | 106 HALE PLT/MOUTH ST BRIDGEWATER MA 02324 | 0.0s NW  | -10       | 12       |
| 1      | SPILLS  | 1187 INDEPENDENT NAIL CO 592-0165/CLOSED        | 106 HALE ST BRIDGEWATER MA 02324           | 0.0s NW  | -10       | 13       |
| 1      | SPILLS  | INDEPENDENT NAIL CORP 592-0248/CLOSED           | PLYMOUTH ST BRIDGEWATER MA 02324           | 0.0s NW  | -10       | 14       |
| 1      | LUST    | BRIDGEWATER CORP 4-1187 4-0011713/RAO           | 106 HALE ST BRIDGEWATER MA                 | 0.0s NW  | -10       | 15       |
| 1      | LUST    | BRIDGEWATER CORP EOTC 4-0001187/RAO             | 106 HALE ST BRIDGEWATER MA                 | 0.0s NW  | -10       | 17       |

Environmental FirstSearch  
Sites Summary ReportTarget Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

TOTAL: 100 GEOCODED: 82 NON GEOCODED: 18 SELECTED: 0

| Map ID | DB Type | Site Name/ID/Status                                 | Address   | Dist/Dir | Elev/Off | Page No. |
|--------|---------|---|---|----------|----------|----------|
| 1      | DRHS    | INDEPENDENT NAIL & PACKING<br>26-035715/NO FACILITY | HALE RD<br>BRIDGEWATER, MA 02324                  | 0.06 NW  | -10      | 1        |
| 1      | DRHS    | MASS BAY TRANSPORT AUTHORITY<br>DOT 304670.0 FAC    | 1111 PARK PLAZA<br>BRIDGEWATER, MA 02324          | 0.06 NW  | -10      | 2        |
| 1      | DRHS    | HOBBS AUTO. FAC                                     | 1111 HALL RD<br>BRIDGEWATER, MA 02324             | 0.06 NW  | -10      | 3        |
| 1      | STATE   | BRIDGEWATER CORP LOTIC<br>4-0001187/RAO             | 106 HALL ST<br>BRIDGEWATER, MA                    | 0.06 NW  | -10      | 4        |
| 1      | SPILLS  | BRIDGEWATER CORP 4-1187<br>4-0012128/RAO            | 106 HALL ST<br>BRIDGEWATER, MA                    | 0.06 NW  | -10      | 7        |
| 1      | SPILLS  | BRIDGEWATER CORP LOTIC<br>4-0001187/RAO             | 106 HALL ST<br>BRIDGEWATER, MA                    | 0.06 NW  | -10      | 9        |
| 1      | SPILLS  | EDIC PITY<br>571-0582/CLOSED                        | 106 HALL ST, PLYMOUTH ST<br>BRIDGEWATER, MA 02324 | 0.06 NW  | -10      | 12       |
| 1      | SPILLS  | FARM INDEPENDENT NAIL CO<br>577-0162/CLOSED         | 106 HALE ST<br>BRIDGEWATER, MA 02324              | 0.06 NW  | -10      | 13       |
| 1      | SPILLS  | INDEPENDENT NAIL CORP<br>577-0248/CLOSED            | PLYMOUTH ST<br>BRIDGEWATER, MA 02324              | 0.06 NW  | -10      | 14       |
| 1      | LUST    | BRIDGEWATER CORP 4-1187<br>4-0012128/RAO            | 106 HALL ST<br>BRIDGEWATER, MA                    | 0.06 NW  | -10      | 15       |
| 1      | LUST    | BRIDGEWATER CORP LOTIC<br>4-0001187/RAO             | 106 HALE ST<br>BRIDGEWATER, MA                    | 0.06 NW  | -10      | 17       |
| 2      | STATE   | JOHN CHUCKRAN CORP<br>4-0001248/RAO                 | 78 PLYMOUTH ST<br>BRIDGEWATER, MA                 | 0.07 SE  | -3       | 20       |
| 2      | SPILLS  | JOHN CHUCKRAN CORP<br>4-0001248/RAO                 | 78 PLYMOUTH ST<br>BRIDGEWATER, MA                 | 0.07 SE  | -3       | 27       |
| 2      | LUST    | JOHN CHUCKRAN CORP<br>4-0001248/RAO                 | 78 PLYMOUTH ST<br>BRIDGEWATER, MA                 | 0.07 SE  | -3       | 29       |
| 3      | STATE   | NO LOCATION AND<br>4-0016374/RAO                    | 83 PLYMOUTH ST<br>BRIDGEWATER, MA                 | 0.09 SE  | -1       | 26       |
| 3      | SPILLS  | NO LOCATION AND<br>4-0016374/RAO                    | 83 PLYMOUTH ST<br>BRIDGEWATER, MA                 | 0.09 SE  | -1       | 29       |
| 3      | INSTRON | NO LOCATION AND<br>4-0016374/RAO                    | 83 PLYMOUTH ST<br>BRIDGEWATER, MA                 | 0.09 SE  | -1       | 32       |
| 4      | STATE   | AUTO BODY FARM<br>4-0013586/RAO                     | 18 BRILL AVE<br>BRIDGEWATER, MA                   | 0.12 SE  | -5       | 35       |
| 4      | SPILLS  | AUTO BODY FARM<br>4-0013586/RAO                     | 18 BRILL AVE<br>BRIDGEWATER, MA                   | 0.12 SE  | -5       | 38       |
| 4      | INSTRON | AUTO BODY FARM<br>4-0013586/RAO                     | 18 BRILL AVE<br>BRIDGEWATER, MA                   | 0.12 SE  | -5       | 41       |

Environmental FirstSearch  
Sites Summary ReportTarget Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

TOTAL: 100 GEOCODED: 82 NON GEOCODED: 18 SELECTED: 0

| Map ID | DB Type | Site Name/ID/Status                                   | Address                                      | Dist/Dir | Elev/Off | Page No. |
|--------|---------|---|--|----------|----------|----------|
| 5      | STATE   | MOBIL SS<br>4-0021259/TEAR                            | 52 SUMNER ST<br>BRIDGEWATER, MA              | 0.13 SW  | 0        | 44       |
| 5      | SPILLS  | FARM MOBIL SERVICE STATION #11717B<br>4-0023377/RAO/R | 52 SUMNER ST<br>BRIDGEWATER, MA 02324        | 0.13 SW  | 0        | 47       |
| 5      | SPILLS  | FORMER MOBIL STATION NO. 11717 B1<br>4-0023377/RAO/R  | 52 SUMNER ST<br>BRIDGEWATER, MA 02324        | 0.13 SW  | 0        | 49       |
| 5      | SPILLS  | MOBIL SERV STA<br>570-0444/CLOSED                     | 52 SUMNER ST<br>BRIDGEWATER, MA 02324        | 0.13 SW  | 0        | 51       |
| 5      | SPILLS  | MOBIL SERV STA<br>570-0470/CLOSED                     | 52 SUMNER ST<br>BRIDGEWATER, MA 02324        | 0.13 SW  | 0        | 52       |
| 5      | SPILLS  | MOBIL SS<br>4-0021259/TEAR                            | 52 SUMNER ST<br>BRIDGEWATER, MA              | 0.13 SW  | 0        | 53       |
| 5      | LUST    | MOBIL R/S #11717<br>0-017966/REMOVED                  | 52 SUMNER ST<br>BRIDGEWATER, MA 02324        | 0.13 SW  | 0        | 56       |
| 5      | LUST    | MOBIL SS<br>4-0021259/TEAR                            | 52 SUMNER ST<br>BRIDGEWATER, MA              | 0.13 SW  | 0        | 58       |
| 6      | LUST    | POPE HALL<br>0-000000/REMOVED                         | 8 PARK AVE<br>BRIDGEWATER, MA 02324          | 0.14 SW  | -3       | 61       |
| 7      | SPILLS  | POWER PLANT<br>4-0014948/RAO                          | PARK AVE<br>BRIDGEWATER, MA                  | 0.15 SW  | -1       | 62       |
| 7      | LUST    | POWER PLANT<br>0-0007870/IN USE                       | 34 PARK - HELIX AVE<br>BRIDGEWATER, MA 02324 | 0.15 SW  | -1       | 64       |
| 8      | LUST    | CONANT SCIENCE BUILDING<br>0-0009900/IN USE           | 24 PARK AVE<br>BRIDGEWATER, MA 02324         | 0.15 SW  | -1       | 66       |
| 9      | SPILLS  | 143 PLYMOUTH ST<br>4-0014541/RAO                      | PLYMOUTH ST<br>BRIDGEWATER, MA               | 0.16 NE  | -10      | 67       |
| 10     | SPILLS  | PROPERTY RESIDENCE<br>587-0854/CLOSED                 | 9 SUMNER ST<br>BRIDGEWATER, MA 02324         | 0.18 SW  | -15      | 69       |
| 11     | STATE   | PROPERTY<br>4-0006785/RAO                             | 39 SPRING ST<br>BRIDGEWATER, MA 02324        | 0.18 NW  | -26      | 70       |
| 11     | SPILLS  | AGWAY<br>4-0012170/RAO                                | 39 SPRING ST<br>BRIDGEWATER, MA 02324        | 0.18 NW  | -26      | 71       |
| 11     | SPILLS  | AGWAY<br>4-0010928/RAO                                | 39 SPRING ST<br>BRIDGEWATER, MA              | 0.18 NW  | -26      | 72       |
| 11     | SPILLS  | AGWAY ENERGY PRODUCTS<br>570-0302/CLOSED              | 39 SPRING ST<br>BRIDGEWATER, MA 02324        | 0.18 NW  | -26      | 75       |
| 11     | SPILLS  | AGWAY ENERGY PRODUCTS<br>573-0137/CLOSED              | 39 SPRING ST<br>BRIDGEWATER, MA 02324        | 0.18 NW  | -26      | 76       |
| 11     | SPILLS  | AGWAY PETROLEUM INC<br>4-0011875/RAO                  | 39 SPRING ST<br>BRIDGEWATER, MA 02324        | 0.18 NW  | -26      | 77       |

Environmental FirstSearch  
Sites Summary ReportTarget Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

TOTAL: 100 GEOCODED: 82 NON GEOCODED: 18 SELECTED: 0

| Map ID | DB Type | Site Name/ID/Status  | Address                                    | Dist/Dir | Elev/Off | Page No. |
|--------|---------|--|--|----------|----------|----------|
| 11     | SPILLS  | PROPERTY<br>4-0006785/RAO  | 39 SPRING ST<br>BRIDGEWATER, MA 02324      | 0.18 NW  | -26      | 79       |
| 11     | SPILLS  | AGWAY PLYMOUTH<br>589-0902/CLOSED                                  | 39 SPRING ST<br>BRIDGEWATER, MA 02324      | 0.18 NW  | -26      | 80       |
| 11     | SPILLS  | AGWAY PETROLEUM<br>587-0088/CLOSED                                 | SPRING ST<br>BRIDGEWATER, MA 02324         | 0.18 NW  | -26      | 81       |
| 11     | LUST    | AGWAY PLYMOUTH CORPORATION<br>0-0179574/REMOVED                    | 39 SPRING ST<br>BRIDGEWATER, MA 02324      | 0.18 NW  | -26      | 82       |
| 11     | LUST    | AGWAY<br>4-0010928/RAO   | 39 SPRING ST<br>BRIDGEWATER, MA            | 0.18 NW  | -26      | 84       |
| 11     | LUST    | AGWAY PETROLEUM INC<br>4-0011875/RAO                               | 39 SPRING ST<br>BRIDGEWATER, MA 02324      | 0.18 NW  | -26      | 87       |
| 12     | SPILLS  | BRIDGEWATER ST. COLLEGE<br>573-0201/CLOSED                         | PARK AVE<br>BRIDGEWATER, MA 02324          | 0.18 SW  | -3       | 89       |
| 13     | ACEC    | TOWN HIGH YARD<br>MA05-42-1025-30/OPEN SPACE                       | MA   | 0.18 NE  | N/A      | 90       |
| 14     | STATE   | CUMBERLAND FARMS<br>4-0005217/CLASS                                | 20 DUNDAS ST<br>BRIDGEWATER, MA 02324      | 0.20 NW  | -14      | 92       |
| 14     | SPILLS  | CUMBERLAND FARMS<br>4-0005217/CLASS                                | 20 DUNDAS ST<br>BRIDGEWATER, MA 02324      | 0.20 NW  | -14      | 95       |
| 14     | LUST    | CUMBERLAND FARMS INC<br>0-017963/REMOVED                           | 20 DUNDAS ST<br>BRIDGEWATER, MA 02324      | 0.20 NW  | -14      | 98       |
| 14     | LUST    | CUMBERLAND FARMS<br>4-0005217/CLASS                                | 20 DUNDAS ST<br>BRIDGEWATER, MA 02324      | 0.20 NW  | -14      | 100      |
| 15     | STATE   | SHELL STATION 1 MR<br>4-0016217/RAO                                | 28 CLY HALL RD<br>BRIDGEWATER, MA          | 0.20 SW  | -24      | 103      |
| 15     | SPILLS  | SHELL STATION 1 MR<br>4-0016217/RAO                                | 28 CLY HALL RD<br>BRIDGEWATER, MA          | 0.20 SW  | -24      | 105      |
| 15     | LUST    | BRIDGEWATER SQUARE GAS<br>0-017968/IN USE                          | 28 CLY HALL RD<br>BRIDGEWATER, MA 02324    | 0.20 SW  | -24      | 107      |
| 15     | LUST    | SHELL STATION 1 MR<br>4-0016217/RAO                                | 28 CLY HALL RD<br>BRIDGEWATER, MA          | 0.20 SW  | -24      | 110      |
| 16     | ACEC    | STYLLS & HANCOCK CONSULTATION AREA<br>MA05-42-1147-3642/OPEN SPACE | MA   | 0.21 NE  | N/A      | 112      |
| 17     | ACEC    | TOWN COMMON<br>MA05-42-1029-23/OPEN SPACE                          | MA   | 0.21 SW  | N/A      | 114      |
| 18     | SPILLS  | BRIDGEWATER ST. COLLEGE<br>570-0302/CLOSED                         | 107 E. PARKWAY ST<br>BRIDGEWATER, MA 02324 | 0.23 SW  | -27      | 116      |
| 18     | SPILLS  | 587-0474/CLOSED  | 107 E. PARKWAY ST<br>BRIDGEWATER, MA 02324 | 0.23 SW  | -27      | 117      |

Environmental FirstSearch  
Sites Summary ReportTarget Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

TOTAL: 100 GEOCODED: 82 NON GEOCODED: 18 SELECTED: 0

| Map ID | DB Type | Site Name/ID/Status                                       | Address                                | Dist/Dir | Elev/Off | Page No. |
|--------|---------|---|--|----------|----------|----------|
| 19     | STATE   | NO LOCATION AND<br>4-0017869/STABLET                      | 33 MAIN ST<br>BRIDGEWATER, MA          | 0.23 NW  | -12      | 118      |
| 19     | SPILLS  | NO LOCATION AND<br>4-0017869/STABLET                      | 33 MAIN ST<br>BRIDGEWATER, MA          | 0.23 NW  | -12      | 121      |
| 19     | LUST    | CUMBERLAND FARMS #2109<br>0-0179570/IN USE                | 33 MAIN ST<br>BRIDGEWATER, MA 02324    | 0.23 NW  | -12      | 124      |
| 19     | LUST    | NO LOCATION AND<br>4-0017869/STABLET                      | 33 MAIN ST<br>BRIDGEWATER, MA          | 0.23 NW  | -12      | 127      |
| 20     | STATE   | SPRING ST DRIVE<br>4-0012993/RAO                          | SPRING ST<br>BRIDGEWATER, MA           | 0.23 NE  | -32      | 130      |
| 20     | SPILLS  | SPRING ST DRIVE<br>4-0012993/RAO                          | SPRING ST<br>BRIDGEWATER, MA           | 0.23 NE  | -32      | 131      |
| 21     | ACEC    | BRIDGEWATER STATE COLLEGE<br>MA05-42-1086-3674/OPEN SPACE | MA                                     | 0.23 NE  | N/A      | 132      |
| 22     | SPILLS  | LD WHITE PTY FMR<br>4-0012577/RAO                         | 95 SPRING ST<br>BRIDGEWATER, MA        | 0.24 NW  | -24      | 134      |
| 22     | LUST    | LD WHITE PTY FMR<br>4-0012577/RAO                         | 95 SPRING ST<br>BRIDGEWATER, MA        | 0.24 NW  | -24      | 136      |
| 23     | ACEC    | BRIDGEWATER STATE COLLEGE<br>MA05-42-1086-3674/OPEN SPACE | MA                                     | 0.25 SE  | N/A      | 138      |
| 24     | STATE   | NO LOCATION AND<br>4-0017548/RAO                          | 155 DUNDAS ST<br>BRIDGEWATER, MA       | 0.28 NW  | -20      | 140      |
| 24     | LUST    | BRIDGEWATER CYGO STATION<br>4-0002964/RAO                 | 155 DUNDAS ST<br>BRIDGEWATER, MA 02324 | 0.28 NW  | -20      | 142      |
| 25     | STATE   | GARRE GAS STA<br>4-0018996/RAO                            | 124 DUNDAS ST<br>BRIDGEWATER, MA 02324 | 0.31 SW  | -19      | 145      |
| 26     | STATE   | FORMER GEORGE E. KELTH<br>4-0017930/RAO/R                 | 31 PIERING ST<br>BRIDGEWATER, MA       | 0.35 NW  | -15      | 148      |
| 26     | STATE   | GEORGE E. KELTH CO<br>4-0007775/RAO/R                     | 31 PIERING ST<br>BRIDGEWATER, MA 02324 | 0.35 NW  | -15      | 151      |
| 26     | LUST    | FORMER GEORGE E. KELTH<br>4-0017930/RAO/R                 | 31 PIERING ST<br>BRIDGEWATER, MA       | 0.35 NW  | -15      | 154      |
| 26     | LUST    | GEORGE E. KELTH CO<br>4-0007775/RAO/R                     | 31 PIERING ST<br>BRIDGEWATER, MA 02324 | 0.35 NW  | -15      | 157      |
| 27     | STATE   | NO LOCATION AND<br>4-0017533/RAO                          | 347 MAIN ST<br>BRIDGEWATER, MA         | 0.82 NW  | -4       | 160      |
| 28     | STATE   | JOE S. SLIVINSKY STA<br>4-0019407/RAO                     | 380 MAIN ST<br>BRIDGEWATER, MA         | 0.83 NW  | -22      | 163      |
| 28     | STATE   | JOE S. SLIVINSKY STATION<br>4-0019417/RAO/R               | 380 MAIN ST<br>BRIDGEWATER, MA         | 0.83 NW  | -22      | 166      |

# Environmental FirstSearch Sites Summary Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

TOTAL: 100 GEOCODED: 82 NON GEOCODED: 18 SELECTED: 0

| Map ID | DB Type | Site Name/ID/Status                     | Address                             | Dist/Dir | Elev/Off | Page No. |
|--------|---------|---|-------------------------------------|----------|----------|----------|
| 28     | STATE   | JONES SERVICE STATION<br>4-001996WATERB | 380 MAIN ST<br>BRIDGEWATER MA       | 0.83 NW  | - 22     | 148      |
| 29     | STATE   | PROPERTY<br>4-00004111VEHMA A           | 275 HIGH ST<br>BRIDGEWATER MA 02324 | 0.93 NW  | - 12     | 170      |

# Environmental FirstSearch Sites Summary Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

TOTAL: 100 GEOCODED: 82 NON GEOCODED: 18 SELECTED: 0

| Map ID | DB Type | Site Name/ID/Status  | Address  | Dist/Dir | Elev/Off | Page No. |
|--------|---------|--|--|----------|----------|----------|
|        | CERCLUS | LEIGH AND STREET FIREWORKS AREA 8 OR<br>MANHOLE 103276WATERB   | DEFOORD ST<br>BRIDGEWATER MA 02324                 |          | NON GC   | N/A      |
|        | ERNS    | META<br>518275UNDERGROUND STORAGE TANK                         | REPLACEMENT PARKING LOT/SP<br>BRIDGEWATER MA 02324 |          | NON GC   | N/A      |
|        | ERNS    | UNKNOWN<br>426GAF INED FACILITY                                | RTE 18 PLYMOUTH<br>BRIDGEWATER MA 02324            |          | NON GC   | N/A      |
|        | ERNS    | UNKNOWN<br>264278UNDERGROUND STORAGE TANK                      | PLYMOUTH ST<br>BRIDGEWATER MA 02324                |          | NON GC   | N/A      |
|        | ERNS    | NRIC 402265RAILROAD NON-RELEASE                                | PLYMOUTH ST<br>BRIDGEWATER MA 02324                |          | NON GC   | N/A      |
|        | SPILLS  | FIRM CHUCKIAN PTYMBTA<br>4-0017578RAO                          | PLYMOUTH ST<br>BRIDGEWATER MA                      |          | NON GC   | N/A      |
|        | SPILLS  | NO LOCATION AND<br>4-0017706RAO                                | HIGH POND TRAILER PARK<br>BRIDGEWATER MA           |          | NON GC   | N/A      |
|        | SPILLS  | PROPERTY<br>592-0544ACLOSED                                    | PLYMOUTH RTE 104 ST<br>BRIDGEWATER MA 02324        |          | NON GC   | N/A      |
|        | SPILLS  | ROADWAY<br>593-0448ACLOSED                                     | PLYMOUTH ST<br>BRIDGEWATER MA 02324                |          | NON GC   | N/A      |
|        | SPILLS  | RTE 104<br>4-0014706RAO  | PLYMOUTH ST<br>BRIDGEWATER MA                      |          | NON GC   | N/A      |
|        | SPILLS  | TOWN RIVER<br>593-0246ACLOSED                                  | SPRING ST<br>BRIDGEWATER MA                        |          | NON GC   | N/A      |
|        | SPILLS  | BROAD & RLY 18/104<br>528-0906ACLOSED                          | SPRING ST<br>BRIDGEWATER MA 02324                  |          | NON GC   | N/A      |
|        | SPILLS  | 589-0417ACLOSED  | ONE & BROAD ST<br>BRIDGEWATER MA 02324             |          | NON GC   | N/A      |
|        | SVL     | BRIDGEWATER COMPOST SITE<br>C00042.012ACTIVE                   | VERMONT ST<br>BRIDGEWATER MA 02324                 |          | NON GC   | N/A      |
|        | SVL     | MACDONALD TRANSFER STATION<br>110042.018INACTIVE               | RTE 106PLYMOUTH EXT<br>BRIDGEWATER MA              |          | NON GC   | N/A      |
|        | LIST    | FIRM CHUCKIAN PTYMBTA<br>4-0017578RAO                          | PLYMOUTH ST<br>BRIDGEWATER MA                      |          | NON GC   | N/A      |
|        | ADLC    | USFWS (ENDANGERED SPECIES CONTACT)<br>USFWS-02324/NEPA CONTACT | UNKNOWN<br>MA 02324                                |          | NON GC   | N/A      |
|        | INDALLA | BUREAU OF INDIAN AFFAIRS CONTACT<br>USA-02324/                 | UNKNOWN<br>MA 02324                                |          | NON GC   | N/A      |

# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| ERNS  |           |            |         |
|---|-----------|------------|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION: | MAP ID: |
| 1   | 0.06 NW   | 63         | 1       |
| <p>NAME: INDEPENDENT MAIL &amp; PACKING<br/>ADDRESS: HALE RD<br/>BRIDGEWATER MA 02324<br/>PLYMOUTH<br/>CONTACT: EPA<br/>SOURCE: EPA</p> <p>REV: 09-30-99<br/>ID1: 264305<br/>ID2: FIXED FACILITY<br/>PHONE:</p> <p>SPILL INFORMATION<br/>DATE OF SPILL: TIME OF SPILL: 0000<br/>PRODUCT RELEASED (1): HAZARDOUS WASTE<br/>QUANTITY (1): 11000<br/>UNITS (1): GAL<br/>PRODUCT RELEASED (2):<br/>QUANTITY (2):<br/>UNITS (2):<br/>PRODUCT RELEASED (3):<br/>QUANTITY (3):<br/>UNITS (3):<br/>MEDIUM/MEDIA AFFECTED<br/>AIR: NO/GROUNDWATER: YES<br/>LAND: YES/FIXED FACILITY: NO<br/>WATER: NO/OTHER: NO<br/>WATERBODY AFFECTED BY RELEASE:<br/>CAUSE OF RELEASE<br/>DUMPING: NO/EQUIPMENT FAILURE: NO<br/>NATURAL PHENOMENON: NO/OPERATOR ERROR: NO<br/>OTHER CAUSE: YES/TRANSP. ACCIDENT: NO<br/>UNKNOWN: NO<br/>ACTIONS TAKEN:<br/>RELEASE DETECTION: CO MOVED LEFT DRUMS BEHIND<br/>MISC. NOTES: GO-FRAC TANK-GAC-SD-ABERJONA<br/>DISCHARGER INFORMATION<br/>DISCHARGER ID: 264305/DUN &amp; BRADSTREET P:<br/>TYPE OF DISCHARGER: PRIVATE CITIZEN<br/>NAME OF DISCHARGER: INDEPENDENT MAIL &amp; PACKING<br/>ADDRESS: HALE RD<br/>BRIDGEWATER MA 02324</p> |           |            |         |

# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| ERNS   |           |            |         |
|--|-----------|------------|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION: | MAP ID: |
| 2  | 0.06 NW   | 63         | 1       |
| <p>NAME: MASS BAY TRANSPORT AUTHORITY<br/>ADDRESS: TEN PARK PLAZA<br/>BRIDGEWATER MA 02324<br/>PLYMOUTH<br/>CONTACT: EPA<br/>SOURCE: EPA</p> <p>REV: 01-20-98<br/>ID1: 051364<br/>ID2: FIX FAC<br/>PHONE:</p> <p>CERCLUS (Y/N):<br/>MAT: BENCH OIL QUANT: 1.00 OTHER<br/>LOCATION: RAILROAD RIGHT OF WAY, ADJACENT TO 106 HALE ST.<br/>CITY: BOSTON MA 02110-3974 REPORTED: 09-06-95<br/>SOURCE: FIX FAC MEDIUM: LAND/GROUNDWATER<br/>CAUSE: OTHER<br/>ACT: TO DEWATER<br/>BY: DEP</p> |           |            |         |

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| ERNS  |                      |                |           |
|---|----------------------|----------------|-----------|
| SEARCH ID: 3  | DIST/DIR: 0.06 NW    | ELEVATION: 63  | MAP ID: 1 |
| NAME: HALE RD   | REV: 12-13-93        | ID1: H20844    |           |
| ADDRESS: BRIDGEWATER MA 02324   | ID2: STATUS: FIX FAC | PHONE: FIX FAC |           |
| CONTACT: PLYMOUTH   |                      |                |           |
| SOURCE: EPA   |                      |                |           |
| <p>CERCLUS (N/A):</p> <p>MAT: HAZARDOUS WASTE QUANT: 11000.00 GALLONS</p> <p>LOCATION: HALE RD</p> <p>CITY: BRIDGEWATER MA 02324 REPORTED: 19920421</p> <p>SOURCE: FIX FAC MEDIUM: LAND</p> <p>CAUSE: OTHER</p> <p>CO MOVED LEFT DRUMS BEHIND</p> <p>ACT:</p> <p>BY: PUBLIC AFFAIRS/READY</p> |                      |                |           |

Site Details Page - 3

| STATE  |                   |                |           |
|--|-------------------|----------------|-----------|
| SEARCH ID: 5   | DIST/DIR: 0.06 NW | ELEVATION: 63  | MAP ID: 1 |
| NAME: BRIDGEWATER CORP EOTC  | REV: 9/11/12      | ID1: 4-0001187 |           |
| ADDRESS: 106 HALE ST   | ID2: STATUS: RAO  | PHONE: RAO     |           |
| CONTACT: BRIDGEWATER MA  |                   |                |           |
| SOURCE: PLYMOUTH   |                   |                |           |
| SOURCE: MA DEP   |                   |                |           |
| <p>SITE INFORMATION</p> <p>STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.</p> <p>LTB: CONFIRMED:</p> <p>DELETED: REMOVED.</p> <p>LTB: CONFIRMED:</p> <p>DELETED: REMOVED.</p> <p>LTB: 7/15/1992 CONFIRMED: 7/15/1992</p> <p>DELETED: REMOVED.</p> <p>LOCATION TYPE: INDUSTRIAL, WETLANDS.</p> <p>SOURCE: LUST:</p> <p>CATEGORY: NONE</p> <p>SITE DESCRIPTION: GROUNDWATER RELEASE: METALS PRESENT: INDUSTRIAL SITE: CONTAINED IN A LUST: MANUFACTURING FACILITY: RELEASE TO SOIL: RELEASE INTO WETLANDS: WASTE OIL PRESENT:</p> <p>OTHER CONTAMINATION:</p> <p>OTHER RELEASES:</p> <p>OTHER PROBLEMS:</p> <p>OTHER TYPE OF SITE:</p> <p>CHEMICALS</p> <p>METALS</p> <p>WASTE OIL</p> <p>SITE ACTIONS</p> <p>LSP INVOLVED: RICHARD HUGHTO</p> <p>LSP INVOLVED: ELISSA BROWN</p> <p>LSP INVOLVED: KELLEY RACE</p> <p>TS DATE: 10/10/1997</p> <p>AUL RESTRICTION:</p> <p>LSP: RICHARD HUGHTO</p> <p>RA STATUS: COMPLETION STATEMENT RECEIVED</p> <p>RAS TYPE: PHASER</p> <p>RAO CLASS:</p> <p>TS DATE: 1/21/1997</p> <p>AUL RESTRICTION:</p> <p>LSP:</p> <p>RA STATUS: WRITTEN APPROVAL OF PLAN</p> <p>RAS TYPE: IMMEDIATE RESPONSE ACTION</p> |                   |                |           |

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Site Details Page - 4

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE  |                   |                |           |
|--|-------------------|----------------|-----------|
| SEARCH ID: 5   | DIST/DIR: 0.06 NW | ELEVATION: 63  | MAP ID: 1 |
| NAME: BRIDGEWATER CORP EOTC  | REV: 9/11/12      | ID1: 4-0001187 |           |
| ADDRESS: 106 HALE ST   | ID2: STATUS: RAO  | PHONE: RAO     |           |
| CONTACT: BRIDGEWATER MA  |                   |                |           |
| SOURCE: PLYMOUTH   |                   |                |           |
| SOURCE: MA DEP   |                   |                |           |
| <p>RAO CLASS:</p> <p>TS DATE: 4/17/1997</p> <p>AUL RESTRICTION:</p> <p>LSP: RICHARD HUGHTO</p> <p>RA STATUS: WRITTEN PLAN RECEIVED</p> <p>RAS TYPE: RELEASE ABATEMENT MEASURE</p> <p>RAO CLASS:</p> <p>TS DATE: 4/17/1997</p> <p>AUL RESTRICTION:</p> <p>LSP: RICHARD HUGHTO</p> <p>RA STATUS: COMPLETION STATEMENT RECEIVED</p> <p>RAS TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS:</p> <p>TS DATE: 9/7/1994</p> <p>AUL RESTRICTION:</p> <p>LSP: JOHN GUSWA</p> <p>RA STATUS: WRITTEN PLAN RECEIVED</p> <p>RAS TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS:</p> <p>TS DATE: 8/8/1995</p> <p>AUL RESTRICTION:</p> <p>LSP: JOHN GUSWA</p> <p>RA STATUS: WRITTEN PLAN RECEIVED</p> <p>RAS TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS:</p> <p>TS DATE: 10/13/1994</p> <p>AUL RESTRICTION:</p> <p>LSP:</p> <p>RA STATUS: WRITTEN APPROVAL OF PLAN</p> <p>RAS TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS:</p> <p>TS DATE: 12/13/1994</p> <p>AUL RESTRICTION:</p> <p>LSP: RICHARD HUGHTO</p> <p>RA STATUS: WRITTEN PLAN RECEIVED</p> <p>RAS TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS:</p> <p>TS DATE: 12/21/1994</p> <p>AUL RESTRICTION:</p> <p>LSP:</p> |                   |                |           |

- Continued on next page -

Site Details Page - 5

| STATE   |                   |                |           |
|---|-------------------|----------------|-----------|
| SEARCH ID: 5  | DIST/DIR: 0.06 NW | ELEVATION: 63  | MAP ID: 1 |
| NAME: BRIDGEWATER CORP EOTC   | REV: 9/11/12      | ID1: 4-0001187 |           |
| ADDRESS: 106 HALE ST  | ID2: STATUS: RAO  | PHONE: RAO     |           |
| CONTACT: BRIDGEWATER MA   |                   |                |           |
| SOURCE: PLYMOUTH  |                   |                |           |
| SOURCE: MA DEP  |                   |                |           |
| <p>RA STATUS: WRITTEN APPROVAL OF PLAN</p> <p>RAS TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS:</p> <p>TS DATE: 12/20/1994</p> <p>AUL RESTRICTION:</p> <p>LSP:</p> <p>RA STATUS:</p> <p>RAS TYPE: TS-RAS</p> <p>RAO CLASS:</p> <p>TS DATE: 3/16/1995</p> <p>AUL RESTRICTION:</p> <p>LSP: JOHN GUSWA</p> <p>RA STATUS: STATUS REPORT RECEIVED</p> <p>RAS TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS:</p> <p>TS DATE: 4/9/1999</p> <p>AUL RESTRICTION:</p> <p>LSP: RICHARD HUGHTO</p> <p>RA STATUS: STATUS REPORT RECEIVED</p> <p>RAS TYPE: RELEASE ABATEMENT MEASURE</p> <p>RAO CLASS:</p> <p>TS DATE: 10/13/1998</p> <p>AUL RESTRICTION:</p> <p>LSP: RICHARD HUGHTO</p> <p>RA STATUS: COMPLETION STATEMENT RECEIVED</p> <p>RAS TYPE: PHASER</p> <p>RAO CLASS:</p> <p>TS DATE: 10/13/1998</p> <p>AUL RESTRICTION:</p> <p>LSP: RICHARD HUGHTO</p> <p>RA STATUS: RPREVD</p> <p>RAS TYPE: PHASER</p> <p>RAO CLASS:</p> <p>TS DATE: 11/16/1997</p> <p>AUL RESTRICTION:</p> <p>LSP: RICHARD HUGHTO</p> <p>RA STATUS: COMPLETION STATEMENT RECEIVED</p> <p>RAS TYPE: UTILITY-RELATED ABATEMENT MEASURE</p> <p>RAO CLASS:</p> <p>TS DATE: 8/20/1997</p> |                   |                |           |

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

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

SPILLS

SEARCH ID: 30 DIST/DIR: 0.06 NW ELEVATION: 63 MAP ID: 1  
NAME: BRIDGEWATER CORP 4-1187  
ADDRESS: 106 HALE ST  
BRIDGEWATER MA  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP  
REV: 9/11/12  
ID1: 4-0012138  
ID2: RAO  
STATUS: RAO  
PHONE:

SITE INFORMATION

STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.

LTB: CONFIRMED:  
DELETED: REMOVED:

LOCATION TYPE: COMMERCIAL  
SOURCE: UST  
CATEGORY: 72 HR  
SITE DESCRIPTION:

CHEMICALS

OIL

SITE ACTIONS

LSP INVOLVED: N/A

ACT DATE:

ACT USE LIMITATION:

ACT STATUS: WITHD

ACT TYPE: BWS20

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

OF A RELEASE HAS BEEN ELIMINATED

ACT DATE: 5/2/1996

ACT USE LIMITATION:

ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E

ACT TYPE: RELEASE DEPOSITION

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

OF A RELEASE HAS BEEN ELIMINATED

ACT DATE: 5/13/1996

ACT USE LIMITATION:

ACT STATUS: CORRESPONDENCE ISSUED

ACT TYPE: NOTICE OF RESPONSIBILITY

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

OF A RELEASE HAS BEEN ELIMINATED

ACT DATE: 10/10/1996

ACT USE LIMITATION:

ACT STATUS: WRITTEN PLAN RECEIVED

ACT TYPE: IMMEDIATE RESPONSE ACTION

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

OF A RELEASE HAS BEEN ELIMINATED

ACT DATE: 10/10/1996

ACT USE LIMITATION:

ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E

- Continued on next page -

Site Details Page - 7

SPILLS

SEARCH ID: 30 DIST/DIR: 0.06 NW ELEVATION: 63 MAP ID: 1  
NAME: BRIDGEWATER CORP 4-1187  
ADDRESS: 106 HALE ST  
BRIDGEWATER MA  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP  
REV: 9/11/12  
ID1: 4-0012138  
ID2: RAO  
STATUS: RAO  
PHONE:

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

ACT DATE: 11/18/1996

ACT USE LIMITATION:

ACT STATUS: RAO STATEMENT RECEIVED

ACT TYPE: RESPONSE ACTION OUTCOME - RAO

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

SPILLS

SEARCH ID: 31 DIST/DIR: 0.06 NW ELEVATION: 63 MAP ID: 1  
NAME: BRIDGEWATER CORP EOTC  
ADDRESS: 106 HALE ST  
BRIDGEWATER MA  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP  
REV: 9/11/12  
ID1: 4-0001187  
ID2: RAO  
STATUS: RAO  
PHONE:

SITE INFORMATION

STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.

LTB: CONFIRMED:  
DELETED: REMOVED:

LTB: CONFIRMED:  
DELETED: REMOVED:

LTB: 7/15/1992 CONFIRMED: 7/15/1992  
DELETED: REMOVED:

LOCATION TYPE: INDUSTRIAL, WETLANDS.

SOURCE: UST

CATEGORY: NONE

SITE DESCRIPTION: GROUNDWATER RELEASE; WASTE OIL PRESENT; RELEASE INTO WETLANDS; RELEASE TO SOIL; MANUFACTURING FACILITY; CONTAINED IN A LUST; INDUSTRIAL SITE; METALS PRESENT;

OTHER CONTAMINATION:

OTHER RELEASES:

OTHER PROBLEMS:

OTHER TYPE OF SITE:

CHEMICALS

METALS

WASTE OIL

SITE ACTIONS

LSP INVOLVED: ELISSA BROWN

LSP INVOLVED: RICHARD HUGHTO

LSP INVOLVED: KELLEY RACE

TS DATE: 4/17/1997

ALA RESTRICTION:

LSP: RICHARD HUGHTO

RA STATUS: COMPLETION STATEMENT RECEIVED

RAS TYPE: IMMEDIATE RESPONSE ACTION

RAO CLASS:

TS DATE: 4/17/1997

ALA RESTRICTION:

LSP: RICHARD HUGHTO

RA STATUS: WRITTEN PLAN RECEIVED

RAS TYPE: RELEASE ABATEMENT MEASURE

- Continued on next page -

Site Details Page - 9

SPILLS

SEARCH ID: 31 DIST/DIR: 0.06 NW ELEVATION: 63 MAP ID: 1  
NAME: BRIDGEWATER CORP EOTC  
ADDRESS: 106 HALE ST  
BRIDGEWATER MA  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP  
REV: 9/11/12  
ID1: 4-0001187  
ID2: RAO  
STATUS: RAO  
PHONE:

RAO CLASS:

TS DATE: 9/10/1999

ALA RESTRICTION:

LSP: RICHARD HUGHTO

RA STATUS: STATUS REPORT RECEIVED

RAS TYPE: RELEASE ABATEMENT MEASURE

RAO CLASS:

TS DATE: 1/21/1997

ALA RESTRICTION:

LSP:

RA STATUS: WRITTEN APPROVAL OF PLAN

RAS TYPE: IMMEDIATE RESPONSE ACTION

RAO CLASS:

TS DATE: 12/13/1996

ALA RESTRICTION:

LSP: RICHARD HUGHTO

RA STATUS: WRITTEN PLAN RECEIVED

RAS TYPE: IMMEDIATE RESPONSE ACTION

RAO CLASS:

TS DATE: 8/20/1997

ALA RESTRICTION:

LSP: RICHARD HUGHTO

RA STATUS: STATUS REPORT RECEIVED

RAS TYPE: RELEASE ABATEMENT MEASURE

RAO CLASS:

TS DATE: 5/15/1997

ALA RESTRICTION:

LSP:

RA STATUS: NOTICE OF INTENT TO CONDUCT A URAM

RAS TYPE: UTILITY-RELATED ABATEMENT MEASURE

RAO CLASS:

TS DATE: 9/14/1998

ALA RESTRICTION:

LSP: RICHARD HUGHTO

RA STATUS: STATUS REPORT RECEIVED

RAS TYPE: RELEASE ABATEMENT MEASURE

RAO CLASS:

TS DATE: 11/6/1997

ALA RESTRICTION:

LSP: RICHARD HUGHTO

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Site Details Page - 10

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS   |           |   |         |
|--|-----------|---|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION:  | MAP ID: |
| 31   | 0.06 NW   | 63  | 1       |
| NAME: BRIDGEWATER CORP EOTC<br>ADDRESS: 106 HALE ST<br>BRIDGEWATER MA<br>PLYMOUTH  |           | REV: 9/11/12<br>ID1: 4-0031187<br>ID2:<br>STATUS: RAO<br>PHONE: |         |
| CONTACT: MA DEP<br>SOURCE:   |           |   |         |
| RA STATUS: COMPLETION STATEMENT RECEIVED<br>RAS TYPE: UTILITY-RELATED ABATEMENT MEASURE<br>RAO CLASS:  |           |   |         |
| TS DATE: 3/16/1995<br>AIA RESTRICTION:<br>LSP: JOHN GUSWA<br>RA STATUS: STATUS REPORT RECEIVED<br>RAS TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:    |           |   |         |
| TS DATE: 11/3/1995<br>AIA RESTRICTION:<br>LSP: JOHN GUSWA<br>RA STATUS: STATUS REPORT RECEIVED<br>RAS TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:    |           |   |         |
| TS DATE: 6/9/1999<br>AIA RESTRICTION:<br>LSP: RICHARD HUGHTO<br>RA STATUS: STATUS REPORT RECEIVED<br>RAS TYPE: RELEASE ABATEMENT MEASURE<br>RAO CLASS: |           |   |         |
| TS DATE: 8/9/1995<br>AIA RESTRICTION:<br>LSP: JOHN GUSWA<br>RA STATUS: WRITTEN PLAN RECEIVED<br>RAS TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:      |           |   |         |
| TS DATE: 10/13/1998<br>AIA RESTRICTION:<br>LSP: RICHARD HUGHTO<br>RA STATUS: COMPLETION STATEMENT RECEIVED<br>RAS TYPE: PHASE II<br>RAO CLASS:         |           |   |         |
| TS DATE: 10/13/1998<br>AIA RESTRICTION:<br>LSP: RICHARD HUGHTO<br>RA STATUS: REPROVD<br>RAS TYPE: PHASE IV<br>RAO CLASS:                               |           |   |         |
| TS DATE: 9/7/1998  |           |   |         |

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

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS   |           |   |         |
|--|-----------|---|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION:  | MAP ID: |
| 35   | 0.06 NW   | 63  | 1       |
| NAME: EOTC PTY<br>ADDRESS: 106 HALE PLYMOUTH ST<br>BRIDGEWATER MA 02324<br>PLYMOUTH  |           | REV: 591-0562<br>ID1:<br>ID2:<br>STATUS: CLOSED<br>PHONE: |         |
| CONTACT: PMAUD, L<br>SOURCE: MA DEP  |           |   |         |
| CASE CLOSED? YES<br>SPILL DATE: SPILL TIME:<br>DATE REPORTED: 19910918REPORT TIME:<br>SPILL NOTIFIER: MONICA STAAFNOTIFIER PHONE:  |           |   |         |
| SPILL DESCRIPTION:<br>INCIDENT: SPILL<br>MATERIAL SPILLED: 22 FUEL OIL<br>AMT RPTD SPILLED: UNKNOWN<br>ACTUAL AMT SPILLED:<br>SOURCE OF SPILL: OTHER SOURCE > UNKNOWN<br>PET/HAZ: PETROLEUM/WASTE: VIRGIN<br>PCB LEVEL: NONE |           |   |         |
| ENVIRONMENTAL IMPACT: SOIL<br>LUSTY: SOIL CONTAMINATED?<br>CONTRACTOR: NOT USED/PREPARE REPORT:<br>DAYS/CLOSE: 61  |           |   |         |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS  |           |   |         |
|---|-----------|---|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:  | MAP ID: |
| 36  | 0.06 NW   | 63  | 1       |
| NAME: FMR INDEPENDENT NAIL CO<br>ADDRESS: 106 HALE ST<br>BRIDGEWATER MA 02324<br>PLYMOUTH   |           | REV: 592-0162<br>ID1:<br>ID2:<br>STATUS: CLOSED<br>PHONE: |         |
| CONTACT: KEARNS, R<br>SOURCE: MA DEP  |           |   |         |
| CASE CLOSED? YES<br>SPILL DATE: 19920312SPILL TIME: 12:50PM<br>DATE REPORTED: 19920312REPORT TIME: 12:50PM<br>SPILL NOTIFIER: CHF WALSH BRIDGE FIRENOTIFIER PHONE:  |           |   |         |
| SPILL DESCRIPTION:<br>INCIDENT: TANK REMOVAL<br>MATERIAL SPILLED: GASOLINE<br>AMT RPTD SPILLED: UNKNOWN<br>ACTUAL AMT SPILLED:<br>SOURCE OF SPILL: U.S.T.<br>PET/HAZ: PETROLEUM/WASTE: VIRGIN<br>PCB LEVEL: |           |   |         |
| ENVIRONMENTAL IMPACT: SOIL<br>LUSTY: YES/NOIL CONTAMINATED?<br>CONTRACTOR: NOT USED/PREPARE REPORT:<br>DAYS/CLOSE: 1  |           |   |         |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS  |           |   |         |
|---|-----------|---|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:  | MAP ID: |
| 39  | 0.06 NW   | 63  | 1       |
| NAME: INDEPENDENT NAIL CORP<br>ADDRESS: PLYMOUTH ST<br>BRIDGEWATER MA 02324<br>PLYMOUTH   |           | REV: 592-0248<br>ID1:<br>ID2:<br>STATUS: CLOSED<br>PHONE: |         |
| CONTACT: MORAN, M<br>SOURCE: MA DEP   |           |   |         |
| CASE CLOSED? YES<br>SPILL DATE: SPILL TIME:<br>DATE REPORTED: 19920410REPORT TIME: 12:00PM<br>SPILL NOTIFIER: TOWN OF BRIDGEWATERNOTIFIER PHONE:  |           |   |         |
| SPILL DESCRIPTION:<br>INCIDENT: OTHER RELEASE > BREAKOUT<br>MATERIAL SPILLED: LUBRICATING OIL<br>AMT RPTD SPILLED: UNKNOWN<br>ACTUAL AMT SPILLED: UNKNOWN<br>SOURCE OF SPILL: OTHER SOURCE > UNKNOWN<br>PET/HAZ: PETROLEUM/WASTE: WASTE<br>PCB LEVEL: |           |   |         |
| ENVIRONMENTAL IMPACT: SOIL<br>LUSTY: NO/NOIL CONTAMINATED?<br>CONTRACTOR: NOT USED/PREPARE REPORT:<br>DAYS/CLOSE: 0   |           |   |         |

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| LUST  |           |   |         |
|---|-----------|---|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:                                      | MAP ID: |
| 66  | 0.06 NW   | 63  | 1       |
| NAME: BRIDGEWATER CORP 4-1187   |           | REV: 9/11/12                                    |         |
| ADDRESS: 106 HALL ST<br>BRIDGEWATER MA<br>PLYMOUTH  |           | ID1: 4-0012138<br>ID2:<br>STATUS: RAO<br>PHONE: |         |
| CONTACT: MA DEP   |           | SOURCE:   |         |
| <p><b>SITE INFORMATION</b></p> <p>STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.</p> <p>LTH: CONFIRMED:<br/>DELETED: REMOVED:</p> <p>LOCATION TYPE: COMMERCIAL<br/>SOURCE: UST<br/>CATEGORY: 72 HR<br/>SITE DESCRIPTION:</p> <p>CHEMICALS<br/>OIL</p> <p><b>SITE ACTIONS</b></p> <p>LSP INVOLVED: N/A</p> <p>ACT DATE:<br/>ACT USE LIMITATION:<br/>ACT STATUS: WITHD<br/>ACT TYPE: BMS20<br/>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED; CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED</p> <p>ACT DATE: 5/2/1996<br/>ACT USE LIMITATION:<br/>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br/>ACT TYPE: RELEASE DISPOSITION<br/>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED; CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED</p> <p>ACT DATE: 5/13/1996<br/>ACT USE LIMITATION:<br/>ACT STATUS: CORRESPONDENCE ISSUED<br/>ACT TYPE: NOTICE OF RESPONSIBILITY<br/>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED; CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED</p> <p>ACT DATE: 10/10/1996<br/>ACT USE LIMITATION:<br/>ACT STATUS: WRITTEN PLAN RECEIVED<br/>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED; CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED</p> <p>ACT DATE: 10/10/1996<br/>ACT USE LIMITATION:<br/>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> |           |   |         |

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| LUST   |           |   |         |
|--|-----------|---|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION:                                      | MAP ID: |
| 66   | 0.06 NW   | 63  | 1       |
| NAME: BRIDGEWATER CORP 4-1187  |           | REV: 9/11/12                                    |         |
| ADDRESS: 106 HALL ST<br>BRIDGEWATER MA<br>PLYMOUTH   |           | ID1: 4-0012138<br>ID2:<br>STATUS: RAO<br>PHONE: |         |
| CONTACT: MA DEP  |           | SOURCE:   |         |
| <p>ACT TYPE: RELEASE NOTIFICATION<br/>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED; CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED</p> <p>ACT DATE: 11/18/1996<br/>ACT USE LIMITATION:<br/>ACT STATUS: RAO STATEMENT RECEIVED<br/>ACT TYPE: RESPONSE ACTION OUTCOME - RAO</p> |           |   |         |

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| LUST   |           |  |         |
|--|-----------|--|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION:                                     | MAP ID: |
| 67   | 0.06 NW   | 63   | 1       |
| NAME: BRIDGEWATER CORP EOTC  |           | REV: 9/11/12                                   |         |
| ADDRESS: 106 HALE ST<br>BRIDGEWATER MA<br>PLYMOUTH   |           | ID1: 4-001187<br>ID2:<br>STATUS: RAO<br>PHONE: |         |
| CONTACT: MA DEP  |           | SOURCE:  |         |
| <p><b>SITE INFORMATION</b></p> <p>STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.</p> <p>LTH: 7/15/1992 CONFIRMED: 7/15/1992<br/>DELETED: REMOVED:</p> <p>LTH: CONFIRMED:<br/>DELETED: REMOVED:</p> <p>LTH: CONFIRMED:<br/>DELETED: REMOVED:</p> <p>LOCATION TYPE: WETLANDS, INDUSTRIAL<br/>SOURCE: UST<br/>CATEGORY: NONE<br/>SITE DESCRIPTION: INDUSTRIAL SITE: GROUNDWATER RELEASE: MANUFACTURING FACILITY: CONTAINED IN A LUST; METALS PRESENT: RELEASE TO SOIL: WASTE OIL PRESENT: RELEASE INTO WETLANDS;</p> <p>OTHER CONTAMINATION:<br/>OTHER RELEASES:<br/>OTHER PROBLEMS:<br/>OTHER TYPE OF SITE:</p> <p>CHEMICALS<br/>METALS<br/>WASTE OIL</p> <p><b>SITE ACTIONS</b></p> <p>LSP INVOLVED: ELISSA BROWN<br/>LSP INVOLVED: KELLEY RACE<br/>LSP INVOLVED: RICHARD HUGHTO</p> <p>TS DATE: 4/9/1999<br/>AUL RESTRICTION:<br/>LSP: RICHARD HUGHTO<br/>RA STATUS: STATUS REPORT RECEIVED<br/>RAS TYPE: RELEASE ABATEMENT MEASURE<br/>RAO CLASS:</p> <p>TS DATE: 1/3/1997<br/>AUL RESTRICTION:<br/>LSP:<br/>RA STATUS: WRITTEN APPROVAL OF PLAN<br/>RAS TYPE: IMMEDIATE RESPONSE ACTION</p> |           |  |         |

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| LUST   |           |  |         |
|--|-----------|--|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION:                                     | MAP ID: |
| 67   | 0.06 NW   | 63   | 1       |
| NAME: BRIDGEWATER CORP EOTC  |           | REV: 9/11/12                                   |         |
| ADDRESS: 106 HALE ST<br>BRIDGEWATER MA<br>PLYMOUTH   |           | ID1: 4-001187<br>ID2:<br>STATUS: RAO<br>PHONE: |         |
| CONTACT: MA DEP  |           | SOURCE:  |         |
| <p><b>RAO CLASS:</b></p> <p>TS DATE: 3/16/1995<br/>AUL RESTRICTION:<br/>LSP: JOHN GUSWA<br/>RA STATUS: STATUS REPORT RECEIVED<br/>RAS TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>TS DATE: 12/20/1994<br/>AUL RESTRICTION:<br/>LSP:<br/>RA STATUS: TS-RAS<br/>RAS TYPE: TS-RAS<br/>RAO CLASS:</p> <p>TS DATE: 12/2/1994<br/>AUL RESTRICTION:<br/>LSP:<br/>RA STATUS: WRITTEN APPROVAL OF PLAN<br/>RAS TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>TS DATE: 10/13/1994<br/>AUL RESTRICTION:<br/>LSP:<br/>RA STATUS: WRITTEN APPROVAL OF PLAN<br/>RAS TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>TS DATE: 9/7/1994<br/>AUL RESTRICTION:<br/>LSP: JOHN GUSWA<br/>RA STATUS: WRITTEN PLAN RECEIVED<br/>RAS TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>TS DATE: 4/17/1997<br/>AUL RESTRICTION:<br/>LSP: RICHARD HUGHTO<br/>RA STATUS: COMPLETION STATEMENT RECEIVED<br/>RAS TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>TS DATE: 4/13/1997<br/>AUL RESTRICTION:<br/>LSP: RICHARD HUGHTO</p> |           |  |         |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| LUST  |           |            |         |
|---|-----------|------------|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION: | MAP ID: |
| 67  | 0.06 NW   | 63         | 1       |
| <p>NAME: BRIDGEWATER CORP EOTC<br/>ADDRESS: 106 HALE ST<br/>BRIDGEWATER MA<br/>PLYMOUTH<br/>CONTACT: MA DEP<br/>SOURCE: MA DEP</p> <p>REV: 9/11/12<br/>ID1: 4-0001187<br/>ID2:<br/>STATUS: RAO<br/>PHONE:</p> <p>RA STATUS: WRITTEN PLAN RECEIVED<br/>RAS TYPE: RELEASE ABATEMENT MEASURE<br/>RAO CLASS:</p> <p>TS DATE: 8/8/1995<br/>ALA RESTRICTION:<br/>LSP: JOHN GUSWA<br/>RA STATUS: WRITTEN PLAN RECEIVED<br/>RAS TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>TS DATE: 5/15/1997<br/>ALA RESTRICTION:<br/>LSP:<br/>RA STATUS: NOTICE OF INTENT TO CONDUCT A URAM<br/>RAS TYPE: UTILITY-RELATED ABATEMENT MEASURE<br/>RAO CLASS:</p> <p>TS DATE: 11/23/1995<br/>ALA RESTRICTION:<br/>LSP: JOHN GUSWA<br/>RA STATUS: STATUS REPORT RECEIVED<br/>RAS TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>TS DATE: 10/13/1998<br/>ALA RESTRICTION:<br/>LSP: RICHARD HUGHTO<br/>RA STATUS: IMPROV<br/>RAS TYPE: PHASE IV<br/>RAO CLASS:</p> <p>TS DATE: 2/24/1998<br/>ALA RESTRICTION:<br/>LSP: RICHARD HUGHTO<br/>RA STATUS: STATUS REPORT RECEIVED<br/>RAS TYPE: RELEASE ABATEMENT MEASURE<br/>RAO CLASS:</p> <p>TS DATE: 11/23/1992<br/>ALA RESTRICTION:<br/>LSP: RICHARD HUGHTO<br/>RA STATUS: COMPLETION STATEMENT RECEIVED<br/>RAS TYPE: UTILITY-RELATED ABATEMENT MEASURE<br/>RAO CLASS:</p> <p>TS DATE: 10/10/1997</p> |           |            |         |

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

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| STATE  |           |            |         |
|--|-----------|------------|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION: | MAP ID: |
| 13   | 0.07 SE   | 70         | 2       |
| <p>NAME: JOHN CHUCKRAN CORP<br/>ADDRESS: 78 PLYMOUTH ST<br/>BRIDGEWATER MA<br/>PLYMOUTH<br/>CONTACT: MA DEP<br/>SOURCE: MA DEP</p> <p>REV: 9/11/12<br/>ID1: 4-0001268<br/>ID2:<br/>STATUS: RAO<br/>PHONE:</p> <p>SITE INFORMATION</p> <p>STATUS: RAO - Response Action Outcome: a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.</p> <p>LTBI: 1/15/1993 CONFIRMED: 1/15/1993<br/>DELETED: REMOVED:</p> <p>LTBI: CONFIRMED:<br/>DELETED: REMOVED:</p> <p>LTBI: CONFIRMED:<br/>DELETED: REMOVED:</p> <p>LOCATION TYPE: WETLANDS, INDUSTRIAL<br/>SOURCE: USI<br/>CATEGORY: NONE<br/>SITE DESCRIPTION: GROUNDWATER RELEASE: MANUFACTURING FACILITY; CONTAINED IN A LUST; PETROLEUM PRESENT; RELEASE TO SOIL: RELEASE INTO WETLANDS;</p> <p>OTHER CONTAMINATION:<br/>OTHER RELEASES:<br/>OTHER PROBLEMS:<br/>OTHER TYPE OF SITE:</p> <p>CHEMICALS<br/>PETROLEUM</p> <p>SITE ACTIONS</p> <p>TS DATE: 3/10/1995<br/>ALA RESTRICTION: NON<br/>LSP: ROBERT CUMMINGS<br/>RA STATUS: RAO STATEMENT RECEIVED<br/>RAS TYPE: RESPONSE ACTION OUTCOME - RAO<br/>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>TS DATE: 3/9/1995<br/>ALA RESTRICTION:<br/>LSP:<br/>RA STATUS:<br/>RAS TYPE: TS-ACCEPT<br/>RAO CLASS:</p> <p>ACT DATE: 11/23/1992<br/>ACT USE LIMITATION:<br/>ACT STATUS: CORRESPONDENCE ISSUED<br/>ACT TYPE: NOTICE OF RESPONSIBILITY<br/>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> |           |            |         |

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Site Details Page - 20

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE  |           |            |         |
|--|-----------|------------|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION: | MAP ID: |
| 13   | 0.07 SE   | 70         | 2       |
| <p>NAME: JOHN CHUCKRAN CORP<br/>ADDRESS: 78 PLYMOUTH ST<br/>BRIDGEWATER MA<br/>PLYMOUTH<br/>CONTACT: MA DEP<br/>SOURCE: MA DEP</p> <p>REV: 9/11/12<br/>ID1: 4-0001268<br/>ID2:<br/>STATUS: RAO<br/>PHONE:</p> <p>ACT DATE: 11/23/1992<br/>ACT USE LIMITATION:<br/>ACT STATUS: VALID TRANSITION SITE<br/>ACT TYPE: RELEASE DISPOSITION<br/>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 8/31/1994<br/>ACT USE LIMITATION:<br/>ACT STATUS: TIER 1A CLASSIFICATION<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 3/9/1995<br/>ACT USE LIMITATION:<br/>ACT STATUS: TIER 1A CLASSIFICATION<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 3/9/1995<br/>ACT USE LIMITATION:<br/>ACT STATUS: TRANSMITTAL RECEIVED<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 3/9/1995<br/>ACT USE LIMITATION:<br/>ACT STATUS: PERMIT EFFECTIVE DATE<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 3/9/1995<br/>ACT USE LIMITATION:<br/>ACT STATUS: TIER 1A TRANSITION PERMIT<br/>ACT TYPE: TRANSITION REGULATIONS<br/>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 3/10/1995<br/>ACT USE LIMITATION:<br/>ACT STATUS: RAO STATEMENT RECEIVED<br/>ACT TYPE: RESPONSE ACTION OUTCOME - RAO</p> |           |            |         |

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| SPILLS   |           |            |         |
|--|-----------|------------|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION: | MAP ID: |
| 40   | 0.07 SE   | 70         | 2       |
| <p>NAME: JOHN CHUCKRAN CORP<br/>ADDRESS: 78 PLYMOUTH ST<br/>BRIDGEWATER MA<br/>PLYMOUTH<br/>CONTACT: MA DEP<br/>SOURCE: MA DEP</p> <p>REV: 9/11/12<br/>ID1: 4-0001268<br/>ID2:<br/>STATUS: RAO<br/>PHONE:</p> <p>SITE INFORMATION</p> <p>STATUS: RAO - Response Action Outcome: a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.</p> <p>LTBI: 1/15/1993 CONFIRMED: 1/15/1993<br/>DELETED: REMOVED:</p> <p>LTBI: CONFIRMED:<br/>DELETED: REMOVED:</p> <p>LTBI: CONFIRMED:<br/>DELETED: REMOVED:</p> <p>LOCATION TYPE: WETLANDS, INDUSTRIAL<br/>SOURCE: USI<br/>CATEGORY: NONE<br/>SITE DESCRIPTION: MANUFACTURING FACILITY; PETROLEUM PRESENT; RELEASE TO SOIL: RELEASE INTO WETLANDS; CONTAINED IN A LUST; GROUNDWATER RELEASE;</p> <p>OTHER CONTAMINATION:<br/>OTHER RELEASES:<br/>OTHER PROBLEMS:<br/>OTHER TYPE OF SITE:</p> <p>CHEMICALS<br/>PETROLEUM</p> <p>SITE ACTIONS</p> <p>TS DATE: 3/10/1995<br/>ALA RESTRICTION: NON<br/>LSP: ROBERT CUMMINGS<br/>RA STATUS: RAO STATEMENT RECEIVED<br/>RAS TYPE: RESPONSE ACTION OUTCOME - RAO<br/>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>TS DATE: 3/9/1995<br/>ALA RESTRICTION:<br/>LSP:<br/>RA STATUS:<br/>RAS TYPE: TS-ACCEPT<br/>RAO CLASS:</p> <p>ACT DATE: 11/23/1992<br/>ACT USE LIMITATION:<br/>ACT STATUS: CORRESPONDENCE ISSUED<br/>ACT TYPE: NOTICE OF RESPONSIBILITY<br/>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> |           |            |         |

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Environmental FirstSearch  
Site Detail Report

IOB: 1434-2350

LUST

|            |                    |           |           |            |    |
|------------|--------------------|-----------|-----------|------------|----|
| SEARCH ID: | 71                 | DIST/DIR: | 0.07 SE   | ELEVATION: | 70 |
| NAME:      | JOHN CHUCKRAN CORP | REV:      | 9/11/12   |            |    |
| ADDRESS:   | 78 PLYMOUTH ST     | ID1:      | 4-0001268 |            |    |
|            | BRIDGEWATER MA     | ID2:      |           |            |    |
|            | PLYMOUTH           | STATUS:   | RAO       |            |    |
| CONTACT:   |                    | PHONE:    |           |            |    |
| SOURCE:    | MA DEP             |           |           |            |    |

SITE INFORMATION

STATUS: RAO - (Response Action Outcome): a test/release where an RAO statement was submitted. An RAO statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.

LTB: CONFIRMED:  
DELETED: REMOVED:

LTB: 1/15/1993;CONFIRMED: 1/15/1993  
DELETED: REMOVED.

LTB: CONFIRMED:  
DELETED: REMOVED:

LOCATION TYPE: WETLANDS, INDUSTRIAL  
SOURCE: UST  
CATEGORY: NONE  
SITE DESCRIPTION: GROUNDWATER RELEASE; MANUFACTURING FACILITY; PETROLEUM PRESENT; CONTAINED IN A LUST; RELEASED INTO WETLANDS; RELEASE TO SOIL

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

CHEMICALS  
PETROLEUM

SITE ACTIONS

TS DATE: 3/10/1995  
AUL RESTRICTION: NON  
LSP: ROBERT CUMMINGS  
RA STATUS: RAO STATEMENT RECEIVED  
RAS TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

TS DATE: 3/9/1995  
AUL RESTRICTION:  
LSP:  
RA STATUS:  
RAS TYPE: TS-ACCEPT  
RAO CLASS:

ACT DATE: 11/23/1992  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

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Environmental FirstSearch  
Site Detail Report

JOB: 1424-2350

## STATE

|            |                 |           |         |            |          |
|------------|-----------------|-----------|---------|------------|----------|
| SEARCH ID: | 18              | DIST/DIR: | 0.09 SE | ELEVATION: | 72       |
| NAME:      | NO LOCATION AID |           |         | REV:       | 9/11/12  |
| ADDRESS:   | 85 PLYMOUTH ST  |           |         | ID1:       | 4-001639 |
|            | BRIDGEWATER MA  |           |         | ID2:       |          |
|            | PLYMOUTH        |           |         | STATUS:    | RAO      |
| CONTACT:   |                 |           |         | PHONE:     |          |
| SOURCE:    | MA DEP          |           |         |            |          |

SITE INFORMATION

STATUS: RAO: Response Action Outcome: a site release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.

LOCATION TYPE:  
SOURCE:  
CATEGORY: 120 DY  
SITE DESCRIPTION:

CHEMICALS

TPH: 12000 PPM  
C9 THRU C18 ALIPHATIC HYDROCARBONS 2200 PPM

SITE ACTIONS

LSP INVOLVED: DANA SIMPSON  
LSP INVOLVED: MARK WELSH

ACT DATE: 7/9/2001  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE NOTIFICATION  
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

ACT DATE: 7/9/2001  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE DISPOSITION  
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

ACT DATE: 11/1/2001  
ACT USE LIMITATION:  
ACT STATUS: INTERIM DEADLINE LETTER ISSUED  
ACT TYPE: COMPLIANCE AND ENFORCEMENT  
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

ACT DATE: 11/1/2001  
ACT USE LIMITATION:  
ACT STATUS: REQUEST FOR INFORMATION ISSUED  
ACT TYPE: COMPLIANCE AND ENFORCEMENT  
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

ACT DATE: 11/1/2001  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE   |                   |                |           |
|---|-------------------|----------------|-----------|
| SEARCH ID: 18   | DIST/DIR: 0.09 SE | ELEVATION: 72  | MAP ID: 3 |
| NAME: NO LOCATION AID   | REV: 9/11/12      | ID1: 4-0016394 |           |
| ADDRESS: 85 PLYMOUTH ST<br>BRIDGEWATER MA<br>PLYMOUTH   | ID2: RAO          | STATUS: RAO    |           |
| CONTACT: MA DEP   | PHONE:            |                |           |
| <p>ACT TYPE: NOTICE OF RESPONSIBILITY<br/>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</p> <p>ACT DATE: 7/19/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: TRANSMITTAL RECEIVED<br/>ACT TYPE: TIER CLASSIFICATION<br/>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</p> <p>ACT DATE: 7/19/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: COMPLETION STATEMENT RECEIVED<br/>ACT TYPE: TIER CLASSIFICATION<br/>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</p> <p>ACT DATE: 7/19/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: RAO STATEMENT RECEIVED<br/>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br/>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</p> <p>ACT DATE: 7/19/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: RAO STATEMENT RECEIVED<br/>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br/>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</p> <p>ACT DATE: 7/19/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: LEGAL NOTICE PUBLISHED<br/>ACT TYPE: TIER CLASSIFICATION<br/>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</p> <p>ACT DATE: 7/19/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: LEGAL NOTICE PUBLISHED<br/>ACT TYPE: TIER CLASSIFICATION<br/>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</p> <p>ACT DATE: 4/13/2004<br/>ACT USE LIMITATION:<br/>ACT STATUS: TIER 2 TRANSFER<br/>ACT TYPE: TIER CLASSIFICATION<br/>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</p> <p>ACT DATE: 4/13/2004<br/>ACT USE LIMITATION:<br/>ACT STATUS: SCOPE OF WORK RECEIVED<br/>ACT TYPE: PHASE 2<br/>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</p> <p>ACT DATE: 8/24/2004<br/>ACT USE LIMITATION:<br/>ACT STATUS: WRITTEN PLAN RECEIVED<br/>ACT TYPE: RELEASE ABATEMENT MEASURE<br/>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</p> <p>ACT DATE: 7/15/2005<br/>ACT USE LIMITATION:</p> |                   |                |           |

- Continued on next page -

Site Details Page - 27

| STATE   |                   |                |           |
|---|-------------------|----------------|-----------|
| SEARCH ID: 18   | DIST/DIR: 0.09 SE | ELEVATION: 72  | MAP ID: 3 |
| NAME: NO LOCATION AID   | REV: 9/11/12      | ID1: 4-0016394 |           |
| ADDRESS: 85 PLYMOUTH ST<br>BRIDGEWATER MA<br>PLYMOUTH   | ID2: RAO          | STATUS: RAO    |           |
| CONTACT: MA DEP   | PHONE:            |                |           |
| <p>ACT STATUS: TRANSMITTAL RECEIVED<br/>ACT TYPE: ACTIVITY AND USE LIMITATION<br/>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</p> <p>ACT DATE: 7/19/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: COMPLETION STATEMENT RECEIVED<br/>ACT TYPE: RELEASE ABATEMENT MEASURE<br/>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</p> <p>ACT DATE: 7/19/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: RAO STATEMENT RECEIVED<br/>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br/>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</p> <p>ACT DATE: 7/19/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: RAO STATEMENT RECEIVED<br/>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br/>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</p> <p>ACT DATE: 7/19/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: LEGAL NOTICE PUBLISHED<br/>ACT TYPE: ACTIVITY AND USE LIMITATION<br/>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</p> <p>ACT DATE: 12/30/2005<br/>ACT USE LIMITATION:<br/>ACT STATUS: TECHNICAL SCREEN AUDIT<br/>ACT TYPE: ACTIVITY AND USE LIMITATION<br/>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</p> <p>ACT DATE: 5/6/2011<br/>ACT USE LIMITATION:<br/>ACT STATUS: AUDIT FOLLOW-UP COMPLETION STATEMENT RECEIVED<br/>ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE<br/>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</p> <p>ACT DATE: 5/6/2011<br/>ACT USE LIMITATION:<br/>ACT STATUS: CONFIRMATORY AUL RECEIVED<br/>ACT TYPE: ACTIVITY AND USE LIMITATION</p> |                   |                |           |

Site Details Page - 28

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS   |                   |                |           |
|--|-------------------|----------------|-----------|
| SEARCH ID: 46  | DIST/DIR: 0.09 SE | ELEVATION: 72  | MAP ID: 3 |
| NAME: NO LOCATION AID  | REV: 9/11/12      | ID1: 4-0016394 |           |
| ADDRESS: 85 PLYMOUTH ST<br>BRIDGEWATER MA<br>PLYMOUTH  | ID2: RAO          | STATUS: RAO    |           |
| CONTACT: MA DEP  | PHONE:            |                |           |
| <p>SITE INFORMATION<br/>STATUS: RAO - (Response Action Outcome): a site-release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated</p> <p>LOCATION TYPE:<br/>SOURCE:<br/>CATEGORY: 120 DY<br/>SITE DESCRIPTION:</p> <p>CHEMICALS<br/>TPH 12000 PPM<br/>CY THRU C18 ALIPHATIC HYDROCARBONS 2200 PPM</p> <p>SITE ACTIONS<br/>LSP INVOLVED: MARK WELSH<br/>LSP INVOLVED: DANA SIMPSON</p> <p>ACT DATE: 7/19/2001<br/>ACT USE LIMITATION:<br/>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br/>ACT TYPE: RELEASE DISPOSITION<br/>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</p> <p>ACT DATE: 7/19/2001<br/>ACT USE LIMITATION:<br/>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br/>ACT TYPE: RELEASE NOTIFICATION<br/>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</p> <p>ACT DATE: 11/1/2001<br/>ACT USE LIMITATION:<br/>ACT STATUS: CORRESPONDENCE ISSUED<br/>ACT TYPE: NOTICE OF RESPONSIBILITY<br/>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</p> <p>ACT DATE: 11/1/2001<br/>ACT USE LIMITATION:<br/>ACT STATUS: REQUEST FOR INFORMATION ISSUED<br/>ACT TYPE: COMPLIANCE AND ENFORCEMENT<br/>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</p> <p>ACT DATE: 11/1/2001<br/>ACT USE LIMITATION:<br/>ACT STATUS: INTERIM DEADLINE LETTER ISSUED</p> |                   |                |           |

- Continued on next page -

Site Details Page - 29

| SPILLS   |                   |                |           |
|--|-------------------|----------------|-----------|
| SEARCH ID: 46  | DIST/DIR: 0.09 SE | ELEVATION: 72  | MAP ID: 3 |
| NAME: NO LOCATION AID  | REV: 9/11/12      | ID1: 4-0016394 |           |
| ADDRESS: 85 PLYMOUTH ST<br>BRIDGEWATER MA<br>PLYMOUTH  | ID2: RAO          | STATUS: RAO    |           |
| CONTACT: MA DEP  | PHONE:            |                |           |
| <p>ACT TYPE: COMPLIANCE AND ENFORCEMENT<br/>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</p> <p>ACT DATE: 7/19/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: TIER 2 CLASSIFICATION<br/>ACT TYPE: TIER CLASSIFICATION<br/>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</p> <p>ACT DATE: 7/19/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: COMPLETION STATEMENT RECEIVED<br/>ACT TYPE: PHASE 1<br/>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</p> <p>ACT DATE: 7/19/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: TRANSMITTAL RECEIVED<br/>ACT TYPE: TIER CLASSIFICATION<br/>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</p> <p>ACT DATE: 7/19/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: LEGAL NOTICE PUBLISHED<br/>ACT TYPE: TIER CLASSIFICATION<br/>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</p> <p>ACT DATE: 4/13/2004<br/>ACT USE LIMITATION:<br/>ACT STATUS: TIER 2 TRANSFER<br/>ACT TYPE: TIER CLASSIFICATION<br/>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</p> <p>ACT DATE: 4/13/2004<br/>ACT USE LIMITATION:<br/>ACT STATUS: SCOPE OF WORK RECEIVED<br/>ACT TYPE: PHASE 1<br/>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</p> <p>ACT DATE: 8/24/2004<br/>ACT USE LIMITATION:<br/>ACT STATUS: WRITTEN PLAN RECEIVED<br/>ACT TYPE: RELEASE ABATEMENT MEASURE<br/>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</p> <p>ACT DATE: 7/15/2005<br/>ACT USE LIMITATION:</p> |                   |                |           |

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Site Details Page - 30

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

SPILLS

SEARCH ID: 46 DIST/DIR: 0.09 SE ELEVATION: 72 MAP ID: 3

NAME: NO LOCATION AID REV: 9/11/12  
ADDRESS: 85 PLYMOUTH ST ID1: 4-0016394  
BRIDGEWATER MA ID2:  
PLYMOUTH STATUS: RAO  
CONTACT: PHONE:  
SOURCE: MA DEP

ACT STATUS: RAO STATEMENT RECEIVED  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
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

ACT DATE: 7/15/2005  
ACT USE LIMITATION:  
ACT STATUS: TRANSMITTAL RECEIVED  
ACT TYPE: ACTIVITY AND USE LIMITATION  
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

ACT DATE: 7/15/2005  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: RELEASE ABATEMENT MEASURE  
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

ACT DATE: 7/29/2005  
ACT USE LIMITATION:  
ACT STATUS: LEGAL NOTICE PUBLISHED  
ACT TYPE: ACTIVITY AND USE LIMITATION  
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

ACT DATE: 12/30/2005  
ACT USE LIMITATION:  
ACT STATUS: TECHNICAL SCREEN AUDIT  
ACT TYPE: ACTIVITY AND USE LIMITATION  
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

ACT DATE: 5/6/2011  
ACT USE LIMITATION:  
ACT STATUS: AUDIT FOLLOW-UP COMPLETION STATEMENT RECEIVED  
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE  
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

ACT DATE: 5/10/2011  
ACT USE LIMITATION:  
ACT STATUS: CONFIRMATORY AUL RECEIVED  
ACT TYPE: ACTIVITY AND USE LIMITATION

Site Details Page - 31

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

INSTCONTROL

SEARCH ID: 82 DIST/DIR: 0.09 SE ELEVATION: 72 MAP ID: 3

NAME: NO LOCATION AID REV: 9/11/12  
ADDRESS: 85 PLYMOUTH ST ID1: 4-0016394  
BRIDGEWATER MA ID2:  
PLYMOUTH STATUS: AUL  
CONTACT: PHONE:  
SOURCE: MA DEP

SITE INFORMATION

STATUS: RAO (Response Action Outcome) is a site/release where an RAO statement was submitted. An RAO statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.

LOCATION TYPE:  
SOURCE:  
CATEGORY: 120 DY  
SITE DESCRIPTION:

CHEMICALS

1PH 12000 PPM  
C9 THRU C18 ALIPHATIC HYDROCARBONS 2200 PPM

SITE ACTIONS

LSP INVOLVED: DANA SIMPSON  
LSP INVOLVED: MARK WELSH

ACT DATE: 7/15/2005  
ACT USE LIMITATION:  
ACT STATUS: TIER 2 CLASSIFICATION  
ACT TYPE: TIER CLASSIFICATION  
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

ACT DATE: 5/10/2011  
ACT USE LIMITATION:  
ACT STATUS: CONFIRMATORY AUL RECEIVED  
ACT TYPE: ACTIVITY AND USE LIMITATION  
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

ACT DATE: 7/29/2005  
ACT USE LIMITATION:  
ACT STATUS: LEGAL NOTICE PUBLISHED  
ACT TYPE: ACTIVITY AND USE LIMITATION  
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

ACT DATE: 7/15/2005  
ACT USE LIMITATION:  
ACT STATUS: TRANSMITTAL RECEIVED  
ACT TYPE: ACTIVITY AND USE LIMITATION  
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

ACT DATE: 12/30/2005  
ACT USE LIMITATION:  
ACT STATUS: TECHNICAL SCREEN AUDIT

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Site Details Page - 32

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

INSTCONTROL

SEARCH ID: 82 DIST/DIR: 0.09 SE ELEVATION: 72 MAP ID: 3

NAME: NO LOCATION AID REV: 9/11/12  
ADDRESS: 85 PLYMOUTH ST ID1: 4-0016394  
BRIDGEWATER MA ID2:  
PLYMOUTH STATUS: AUL  
CONTACT: PHONE:  
SOURCE: MA DEP

ACT STATUS: ACTIVITY AND USE LIMITATION  
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

ACT DATE: 1/11/2001  
ACT USE LIMITATION:  
ACT STATUS: INTERIM DEADLINE LETTER ISSUED  
ACT TYPE: COMPLIANCE AND ENFORCEMENT  
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

ACT DATE: 1/11/2001  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
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

ACT DATE: 3/9/2002  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: PHASE 1  
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

ACT DATE: 7/11/2002  
ACT USE LIMITATION:  
ACT STATUS: LEGAL NOTICE PUBLISHED  
ACT TYPE: TIER CLASSIFICATION  
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

ACT DATE: 1/11/2001  
ACT USE LIMITATION:  
ACT STATUS: REQUEST FOR INFORMATION ISSUED  
ACT TYPE: COMPLIANCE AND ENFORCEMENT  
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

ACT DATE: 8/24/2004  
ACT USE LIMITATION:  
ACT STATUS: WRITTEN PLAN RECEIVED  
ACT TYPE: RELEASE ABATEMENT MEASURE  
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

ACT DATE: 6/1/2004  
ACT USE LIMITATION:  
ACT STATUS: SCOPING OF WORK RECEIVED  
ACT TYPE: PHASE 2  
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

ACT DATE: 4/13/2001  
ACT USE LIMITATION:

Continued on next page

Site Details Page - 33

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

INSTCONTROL

SEARCH ID: 82 DIST/DIR: 0.09 SE ELEVATION: 72 MAP ID: 3

NAME: NO LOCATION AID REV: 9/11/12  
ADDRESS: 85 PLYMOUTH ST ID1: 4-0016394  
BRIDGEWATER MA ID2:  
PLYMOUTH STATUS: AUL  
CONTACT: PHONE:  
SOURCE: MA DEP

ACT STATUS: TIER 2 TRANSFER  
ACT TYPE: TIER CLASSIFICATION  
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

ACT DATE: 7/9/2001  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE NOTIFICATION  
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

ACT DATE: 7/9/2001  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE DISPOSITION  
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

ACT DATE: 7/15/2005  
ACT USE LIMITATION:  
ACT STATUS: RAO STATEMENT RECEIVED  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
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

ACT DATE: 5/6/2011  
ACT USE LIMITATION:  
ACT STATUS: AUDIT FOLLOW-UP COMPLETION STATEMENT RECEIVED  
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE  
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

ACT DATE: 7/29/2005  
ACT USE LIMITATION:  
ACT STATUS: TRANSMITTAL RECEIVED  
ACT TYPE: TIER CLASSIFICATION  
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

ACT DATE: 7/15/2005  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: RELEASE ABATEMENT MEASURE

Site Details Page - 34

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE   |                   |                |           |
|---|-------------------|----------------|-----------|
| SEARCH ID: 4  | DIST/DIR: 0.12 SE | ELEVATION: 68  | MAP ID: 4 |
| NAME: AUTO BODY FMR   | REV: 9/11/12      | ID1: 4-0015586 |           |
| ADDRESS: BURRILL AVE  | ID2: RAO          | STATUS: RAO    |           |
| CONTACT: MA DEP   | PHONE:            |                |           |
| <p>SITE INFORMATION</p> <p>STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.</p> <p>LTBI: CONFIRMED:<br/>DELETED: REMOVED:</p> <p>LTBI: CONFIRMED:<br/>DELETED: REMOVED:</p> <p>LOCATION TYPE: COMMERCIAL, RESIDENTIAL<br/>SOURCE: DRUMS<br/>CATEGORY: TWO HR<br/>SITE DESCRIPTION:</p> <p>CHEMICALS<br/>WASTE OIL 55 GAL</p> <p>SITE ACTIONS<br/>LSP INVOLVED: MARK WELSH<br/>LSP INVOLVED: DANA SIMPSON</p> <p>ACT DATE: 7/10/2000<br/>ACT USE LIMITATION:<br/>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br/>ACT TYPE: RELEASE DISPOSITION<br/>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</p> <p>ACT DATE: 7/14/2000<br/>ACT USE LIMITATION:<br/>ACT STATUS: RFA - INITIAL COMPLIANCE FIELD RESPONSE - UNANNOUNCED<br/>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br/>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</p> <p>ACT DATE: 7/17/2000<br/>ACT USE LIMITATION:<br/>ACT STATUS: FOLLOW UP OFFICE RESPONSE<br/>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br/>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</p> <p>ACT DATE: 7/26/2000<br/>ACT USE LIMITATION:<br/>ACT STATUS: INTERIM DEADLINE LETTER ISSUED<br/>ACT TYPE: COMPLIANCE AND ENFORCEMENT</p> |                   |                |           |

- Continued on next page -

Site Details Page - 35

| STATE  |                   |                |           |
|--|-------------------|----------------|-----------|
| SEARCH ID: 4   | DIST/DIR: 0.12 SE | ELEVATION: 68  | MAP ID: 4 |
| NAME: AUTO BODY FMR  | REV: 9/11/12      | ID1: 4-0015586 |           |
| ADDRESS: BURRILL AVE   | ID2: RAO          | STATUS: RAO    |           |
| CONTACT: MA DEP  | PHONE:            |                |           |
| <p>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</p> <p>ACT DATE: 7/26/2000<br/>ACT USE LIMITATION:<br/>ACT STATUS: CORRESPONDENCE ISSUED<br/>ACT TYPE: NOTICE OF RESPONSIBILITY<br/>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</p> <p>ACT DATE: 9/27/2000<br/>ACT USE LIMITATION:<br/>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br/>ACT TYPE: RELEASE DISPOSITION<br/>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</p> <p>ACT DATE: 9/27/2000<br/>ACT USE LIMITATION:<br/>ACT STATUS: WRITTEN PLAN RECEIVED<br/>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>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</p> <p>ACT DATE: 9/29/2000<br/>ACT USE LIMITATION:<br/>ACT STATUS: ORAL APPROVAL OF PLAN<br/>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>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</p> <p>ACT DATE: 10/12/2000<br/>ACT USE LIMITATION:<br/>ACT STATUS: ORAL APPROVAL OF PLAN<br/>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>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</p> <p>ACT DATE: 10/12/2000<br/>ACT USE LIMITATION:<br/>ACT STATUS: FOLLOW UP OFFICE RESPONSE<br/>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br/>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</p> <p>ACT DATE: 1/19/2001<br/>ACT USE LIMITATION:<br/>ACT STATUS: COMPLETION STATEMENT RECEIVED<br/>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>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</p> <p>ACT DATE: 2/12/2001<br/>ACT USE LIMITATION:<br/>ACT STATUS: FOLLOW UP OFFICE RESPONSE</p> |                   |                |           |

- Continued on next page -

Site Details Page - 36

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE  |                   |                |           |
|--|-------------------|----------------|-----------|
| SEARCH ID: 4   | DIST/DIR: 0.12 SE | ELEVATION: 68  | MAP ID: 4 |
| NAME: AUTO BODY FMR  | REV: 9/11/12      | ID1: 4-0015586 |           |
| ADDRESS: BURRILL AVE   | ID2: RAO          | STATUS: RAO    |           |
| CONTACT: MA DEP  | PHONE:            |                |           |
| <p>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br/>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</p> <p>ACT DATE: 2/12/2001<br/>ACT USE LIMITATION:<br/>ACT STATUS: TECHNICAL SCREEN AUDIT<br/>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>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</p> <p>ACT DATE: 7/9/2001<br/>ACT USE LIMITATION:<br/>ACT STATUS: COMPLETION STATEMENT RECEIVED<br/>ACT TYPE: PHASE 1<br/>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</p> <p>ACT DATE: 7/9/2001<br/>ACT USE LIMITATION:<br/>ACT STATUS: TRANSMITTAL RECEIVED<br/>ACT TYPE: TIER CLASSIFICATION<br/>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</p> <p>ACT DATE: 7/9/2001<br/>ACT USE LIMITATION:<br/>ACT STATUS: TIER 2 CLASSIFICATION<br/>ACT TYPE: TIER CLASSIFICATION<br/>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</p> <p>ACT DATE: 7/15/2005<br/>ACT USE LIMITATION:<br/>ACT STATUS: TRANSMITTAL RECEIVED<br/>ACT TYPE: ACTIVITY AND USE LIMITATION<br/>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</p> <p>ACT DATE: 7/15/2005<br/>ACT USE LIMITATION:<br/>ACT STATUS: RAO STATEMENT RECEIVED<br/>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br/>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</p> <p>ACT DATE: 1/11/2011<br/>ACT USE LIMITATION:<br/>ACT STATUS: RFA - COMPLIANCE FIELD RESPONSE - UNANNOUNCED<br/>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br/>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</p> <p>ACT DATE: 2/9/2011<br/>ACT USE LIMITATION:</p> |                   |                |           |

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Site Details Page - 37

| SPILLS   |                   |                |           |
|--|-------------------|----------------|-----------|
| SEARCH ID: 29  | DIST/DIR: 0.12 SE | ELEVATION: 68  | MAP ID: 4 |
| NAME: AUTO BODY FMR  | REV: 9/11/12      | ID1: 4-0015586 |           |
| ADDRESS: BURRILL AVE   | ID2: RAO          | STATUS: RAO    |           |
| CONTACT: MA DEP  | PHONE:            |                |           |
| <p>SITE INFORMATION</p> <p>STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.</p> <p>LTBI: CONFIRMED:<br/>DELETED: REMOVED:</p> <p>LTBI: CONFIRMED:<br/>DELETED: REMOVED:</p> <p>LOCATION TYPE: RESIDENTIAL, COMMERCIAL<br/>SOURCE: DRUMS<br/>CATEGORY: TWO HR<br/>SITE DESCRIPTION:</p> <p>CHEMICALS<br/>WASTE OIL 55 GAL</p> <p>SITE ACTIONS<br/>LSP INVOLVED: DANA SIMPSON<br/>LSP INVOLVED: MARK WELSH</p> <p>ACT DATE: 7/10/2000<br/>ACT USE LIMITATION:<br/>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br/>ACT TYPE: RELEASE DISPOSITION<br/>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</p> <p>ACT DATE: 7/14/2000<br/>ACT USE LIMITATION:<br/>ACT STATUS: RFA - INITIAL COMPLIANCE FIELD RESPONSE - UNANNOUNCED<br/>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br/>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</p> <p>ACT DATE: 7/17/2000<br/>ACT USE LIMITATION:<br/>ACT STATUS: FOLLOW UP OFFICE RESPONSE<br/>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br/>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</p> <p>ACT DATE: 7/26/2000<br/>ACT USE LIMITATION:<br/>ACT STATUS: CORRESPONDENCE ISSUED<br/>ACT TYPE: NOTICE OF RESPONSIBILITY</p> |                   |                |           |

- Continued on next page -

Site Details Page - 38

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

SPILLS

SEARCH ID: 29 DIST/DIR: 0.12 SE ELEVATION: 68 MAP ID: 4

NAME: AUTO BODY FMR  
ADDRESS: BURLING AVE  
BRIDGEWATER MA

REV: 9/11/12  
ID1: 4-0015586  
ID2:  
STATUS: RAO  
PHONE:

CONTACT: MA DEP  
SOURCE:

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

ACT DATE: 7/26/2000  
ACT USE LIMITATION:  
ACT STATUS: INTERIM DEADLINE LETTER ISSUED  
ACT TYPE: COMPLIANCE AND ENFORCEMENT  
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

ACT DATE: 9/27/2000  
ACT USE LIMITATION:  
ACT STATUS: WRITTEN PLAN RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
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

ACT DATE: 9/27/2000  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE NOTIFICATION  
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

ACT DATE: 9/29/2000  
ACT USE LIMITATION:  
ACT STATUS: ORAL APPROVAL OF PLAN  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
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

ACT DATE: 10/12/2000  
ACT USE LIMITATION:  
ACT STATUS: FOLLOW UP OFFICE RESPONSE  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
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

ACT DATE: 10/12/2000  
ACT USE LIMITATION:  
ACT STATUS: ORAL APPROVAL OF PLAN  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
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

ACT DATE: 1/19/2001  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
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

ACT DATE: 7/12/2001  
ACT USE LIMITATION:  
ACT STATUS: FOLLOW UP OFFICE RESPONSE

Continued on next page

Site Details Page - 39

SPILLS

SEARCH ID: 29 DIST/DIR: 0.12 SE ELEVATION: 68 MAP ID: 4

NAME: AUTO BODY FMR  
ADDRESS: BURLING AVE  
BRIDGEWATER MA

REV: 9/11/12  
ID1: 4-0015586  
ID2:  
STATUS: RAO  
PHONE:

CONTACT: MA DEP  
SOURCE:

ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
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

ACT DATE: 2/12/2001  
ACT USE LIMITATION:  
ACT STATUS: TECHNICAL SCREEN AUDIT  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
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

ACT DATE: 7/9/2001  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: PHASE I  
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

ACT DATE: 7/9/2001  
ACT USE LIMITATION:  
ACT STATUS: TIER 2 CLASSIFICATION  
ACT TYPE: TIER CLASSIFICATION  
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

ACT DATE: 7/9/2001  
ACT USE LIMITATION:  
ACT STATUS: TRANSMITTAL RECEIVED  
ACT TYPE: TIER CLASSIFICATION  
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

ACT DATE: 7/15/2005  
ACT USE LIMITATION:  
ACT STATUS: RAO STATEMENT RECEIVED  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
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

ACT DATE: 7/15/2005  
ACT USE LIMITATION:  
ACT STATUS: TRANSMITTAL RECEIVED  
ACT TYPE: ACTIVITY AND USE LIMITATION  
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

ACT DATE: 1/11/2011  
ACT USE LIMITATION:  
ACT STATUS: RFA - COMPLIANCE FIELD RESPONSE - UNANNOUNCED  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
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

ACT DATE: 3/9/2011  
ACT USE LIMITATION:

More Details Exist For This Site; Max Page Limit Reached

Site Details Page - 40

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

INSTCONTROL

SEARCH ID: 81 DIST/DIR: 0.12 SE ELEVATION: 68 MAP ID: 4

NAME: AUTO BODY FMR  
ADDRESS: BURLING AVE  
BRIDGEWATER MA

REV: 9/11/12  
ID1: 4-0015586  
ID2:  
STATUS: AUL  
PHONE:

CONTACT: MA DEP  
SOURCE:

SITE INFORMATION  
STATUS: RAO: (Response Action Outcome) a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.

LTBI: CONFIRMED:  
DELETED: REMOVED:

LTBI: CONFIRMED:  
DELETED: REMOVED:

LOCATION TYPE: COMMERCIAL, RESIDENTIAL  
SOURCE: DRUMS  
CATEGORY: TWO HR  
SITE DESCRIPTION:

CHEMICALS  
WASTE OIL 55 GAL

SITE ACTIONS  
LSP INVOLVED: DANIA SIMPSON  
LSP INVOLVED: MARK WELSH

ACT DATE: 3/9/2011  
ACT USE LIMITATION:  
ACT STATUS: AUDIT INSPECTION  
ACT TYPE: ACTIVITY AND USE LIMITATION  
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

ACT DATE: 9/29/2000  
ACT USE LIMITATION:  
ACT STATUS: ORAL APPROVAL OF PLAN  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
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

ACT DATE: 10/12/2000  
ACT USE LIMITATION:  
ACT STATUS: ORAL APPROVAL OF PLAN  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
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

ACT DATE: 1/19/2001  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION

Continued on next page

Site Details Page - 41

INSTCONTROL

SEARCH ID: 81 DIST/DIR: 0.12 SE ELEVATION: 68 MAP ID: 4

NAME: AUTO BODY FMR  
ADDRESS: BURLING AVE  
BRIDGEWATER MA

REV: 9/11/12  
ID1: 4-0015586  
ID2:  
STATUS: AUL  
PHONE:

CONTACT: MA DEP  
SOURCE:

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

ACT DATE: 9/27/2000  
ACT USE LIMITATION:  
ACT STATUS: WRITTEN PLAN RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
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

ACT DATE: 2/12/2001  
ACT USE LIMITATION:  
ACT STATUS: TECHNICAL SCREEN AUDIT  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
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

ACT DATE: 7/10/2000  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE DISPOSITION  
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

ACT DATE: 7/17/2000  
ACT USE LIMITATION:  
ACT STATUS: FOLLOW UP OFFICE RESPONSE  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
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

ACT DATE: 2/9/2011  
ACT USE LIMITATION:  
ACT STATUS: NGA FINDING - NON - VIOLATIONS WITH FOLLOW-UP  
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE  
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

ACT DATE: 3/9/2000  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE  
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

ACT DATE: 10/12/2000  
ACT USE LIMITATION:  
ACT STATUS: FOLLOW UP OFFICE RESPONSE  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
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

ACT DATE: 7/14/2000  
ACT USE LIMITATION:  
ACT STATUS: RFA - INITIAL COMPLIANCE FIELD RESPONSE - UNANNOUNCED

Continued on next page

Site Details Page - 42

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| INSTCONTROL  |           |            |         |
|--|-----------|------------|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION: | MAP ID: |
| 81   | 0.12 SE   | 68         | 4       |
| NAME: AUTO BODY FMR<br>ADDRESS: BURRILL AVE<br>BRIDGEWATER MA<br>CONTACT: MA DEP<br>SOURCE: MA DEP   |           |            |         |
| ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>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<br>ACT DATE: 2/12/2001<br>ACT USE LIMITATION:<br>ACT STATUS: FOLLOW UP OFFICE RESPONSE<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>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<br>ACT DATE: 1/11/2011<br>ACT USE LIMITATION:<br>ACT STATUS: BUREAU - COMPLIANCE FIELD RESPONSE - UNANNOUNCED<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>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<br>ACT DATE: 7/9/2001<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLETION STATEMENT RECEIVED<br>ACT TYPE: PHASE 1<br>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<br>ACT DATE: 9/27/2000<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE NOTIFICATION<br>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<br>ACT DATE: 7/15/2005<br>ACT USE LIMITATION:<br>ACT STATUS: TRANSMITTAL RECEIVED<br>ACT TYPE: ACTIVITY AND USE LIMITATION<br>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<br>ACT DATE: 5/6/2011<br>ACT USE LIMITATION:<br>ACT STATUS: AUDIT FOLLOW-UP COMPLETION STATEMENT RECEIVED<br>ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE<br>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<br>ACT DATE: 7/15/2005<br>ACT USE LIMITATION:<br>ACT STATUS: RAO STATEMENT RECEIVED<br>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br>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<br>ACT DATE: 7/9/2001<br>ACT USE LIMITATION: |           |            |         |

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

Site Details Page - 43

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE   |           |            |         |
|---|-----------|------------|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION: | MAP ID: |
| 14  | 0.13 SW   | 73         | 5       |
| NAME: MOBIL 55<br>ADDRESS: 52 SUMMER ST<br>BRIDGEWATER MA<br>PLYMOUTH<br>CONTACT: MA DEP<br>SOURCE: MA DEP  |           |            |         |
| SITE INFORMATION<br>STATUS: TIER 2 - A site/release receiving a total NPS score less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (CER 40.05(2)(2)(d)). Parties are not required at Tier 2 sites/releases and response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites.<br>LOCATION TYPE: COMMERCIAL<br>SOURCE: UST<br>CATEGORY: 72 HR<br>SITE DESCRIPTION:<br>CHEMICALS<br>GASOLINE 511 PPM<br>SITE ACTIONS<br>ACT DATE: 5/15/2008<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE DISPOSITION<br>RAO CLASS:<br>ACT DATE: 5/14/2008<br>ACT USE LIMITATION:<br>ACT STATUS: ORAL APPROVAL OF PLAN<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 5/20/2008<br>ACT USE LIMITATION:<br>ACT STATUS: CORRESPONDENCE ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS:<br>ACT DATE: 7/14/2008<br>ACT USE LIMITATION:<br>ACT STATUS: TRANSMITTAL RECEIVED<br>ACT TYPE: RELEASE NOTIFICATION SUBMITTED THROUGH EDEP<br>RAO CLASS:<br>ACT DATE: 7/14/2008<br>ACT USE LIMITATION:<br>ACT STATUS: WRITTEN PLAN RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 7/14/2008<br>ACT USE LIMITATION: |           |            |         |

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Site Details Page - 44

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE   |           |            |         |
|---|-----------|------------|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION: | MAP ID: |
| 14  | 0.13 SW   | 73         | 5       |
| NAME: MOBIL 55<br>ADDRESS: 52 SUMMER ST<br>BRIDGEWATER MA<br>PLYMOUTH<br>CONTACT: MA DEP<br>SOURCE: MA DEP  |           |            |         |
| ACT STATUS: TECHNICAL SCREEN AUDIT<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 9/11/2008<br>ACT USE LIMITATION:<br>ACT STATUS: STATUS REPORT RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 3/11/2009<br>ACT USE LIMITATION:<br>ACT STATUS: STATUS REPORT RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 5/14/2009<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLETION STATEMENT RECEIVED<br>ACT TYPE: PHASE 1<br>RAO CLASS:<br>ACT DATE: 5/14/2009<br>ACT USE LIMITATION:<br>ACT STATUS: ETM LINKED TO TCLASS VIA TIER CLASSIFICATION SUBMITTAL<br>ACT TYPE: TIER CLASSIFICATION<br>RAO CLASS:<br>ACT DATE: 5/14/2009<br>ACT USE LIMITATION:<br>ACT STATUS: TRANSMITTAL RECEIVED<br>ACT TYPE: TIER CLASSIFICATION<br>RAO CLASS:<br>ACT DATE: 5/14/2009<br>ACT USE LIMITATION:<br>ACT STATUS: TIER 2 CLASSIFICATION<br>ACT TYPE: TIER CLASSIFICATION<br>RAO CLASS:<br>ACT DATE: 5/20/2009<br>ACT USE LIMITATION:<br>ACT STATUS: LEGAL NOTICE PUBLISHED<br>ACT TYPE: TIER CLASSIFICATION<br>RAO CLASS:<br>ACT DATE: 9/14/2009 |           |            |         |

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Site Details Page - 45

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE  |           |            |         |
|--|-----------|------------|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION: | MAP ID: |
| 14   | 0.13 SW   | 73         | 5       |
| NAME: MOBIL 55<br>ADDRESS: 52 SUMMER ST<br>BRIDGEWATER MA<br>PLYMOUTH<br>CONTACT: MA DEP<br>SOURCE: MA DEP   |           |            |         |
| ACT USE LIMITATION:<br>ACT STATUS: STATUS REPORT RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 1/26/2010<br>ACT USE LIMITATION:<br>ACT STATUS: CORRESPONDENCE ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS:<br>ACT DATE: 3/2/2010<br>ACT USE LIMITATION:<br>ACT STATUS: CORRESPONDENCE ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS:<br>ACT DATE: 3/15/2010<br>ACT USE LIMITATION:<br>ACT STATUS: STATUS REPORT RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 9/14/2010<br>ACT USE LIMITATION:<br>ACT STATUS: STATUS REPORT RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 12/29/2010<br>ACT USE LIMITATION:<br>ACT STATUS: SCOPE OF WORK RECEIVED<br>ACT TYPE: PHASE 2<br>RAO CLASS:<br>ACT DATE: 2/8/2011<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLETION STATEMENT RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 5/12/2011<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLETION STATEMENT RECEIVED<br>ACT TYPE: PHASE 2<br>RAO CLASS: |           |            |         |

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

Site Details Page - 46

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS   |                   |               |           |
|--|-------------------|---------------|-----------|
| SEARCH ID: 37  | DIST/DIR: 0.13 SW | ELEVATION: 73 | MAP ID: 5 |
| NAME: FMR MOBIL SERVICE STATION #1171701-735         | REV: 9/11/12      |               |           |
| ADDRESS: 52 SUMNER ST<br>BRIDGEWATER MA 02324        | ID1: 4-0021539    |               |           |
| PLYMOUTH   | ID2:              |               |           |
| CONTACT: MA DEP                                      | STATUS: RAQNR     |               |           |
| SOURCE:  | PHONE:            |               |           |
| SITE INFORMATION                                     |                   |               |           |
| STATUS: RAQNR - Response action outcome not required |                   |               |           |
| LOCATION TYPE:                                       |                   |               |           |
| SOURCE:  |                   |               |           |
| CATEGORY: 120 DY                                     |                   |               |           |
| SITE DESCRIPTION:                                    |                   |               |           |
| CHEMICALS  |                   |               |           |
| NAPHTHALENE 36.7 MG/KG                               |                   |               |           |
| 1,4-DICHLOROBENZENE 1.21 MG/KG                       |                   |               |           |
| LEAD 333 MG/KG                                       |                   |               |           |
| C9 THRU C18 ALIPHATIC HYDROCARBONS 8590 MG/KG        |                   |               |           |
| C9 THRU C18 ALIPHATIC HYDROCARBONS 108 MG/KG         |                   |               |           |
| C10 THRU C30 ALIPHATIC HYDROCARBONS 4050 MG/KG       |                   |               |           |
| C11 THRU C22 AROMATIC HYDROCARBONS 1540 MG/KG        |                   |               |           |
| 2-METHYLNAPHTHALENE 39.3 MG/KG                       |                   |               |           |
| 1,2-DICHLOROBENZENE 36.1 MG/KG                       |                   |               |           |
| C9 THRU C12 ALIPHATIC HYDROCARBONS 3200 MG/KG        |                   |               |           |
| C9 THRU C10 AROMATIC HYDROCARBONS 1510 MG/KG         |                   |               |           |
| 1,3,5-TRIMETHYL BENZENE 20.6 MG/KG                   |                   |               |           |
| SITE ACTIONS   |                   |               |           |
| ACT DATE: 5/14/2009                                  |                   |               |           |
| ACT USE LIMITATION:                                  |                   |               |           |
| LSP:   |                   |               |           |
| ACT STATUS: LINKED TO A TIER CLASSIFIED SITE         |                   |               |           |
| LINKED SITE ID: 4-0021259                            |                   |               |           |
| ACT TYPE: RAO NOT REQUIRED                           |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 9/26/2008                                  |                   |               |           |
| ACT USE LIMITATION:                                  |                   |               |           |
| ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E         |                   |               |           |
| ACT TYPE: RELEASE NOTIFICATION                       |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 9/26/2008                                  |                   |               |           |
| ACT USE LIMITATION:                                  |                   |               |           |
| ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E         |                   |               |           |
| ACT TYPE: RELEASE DISPOSITION                        |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 12/5/2008                                  |                   |               |           |

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| SPILLS   |                   |               |           |
|--|-------------------|---------------|-----------|
| SEARCH ID: 37  | DIST/DIR: 0.13 SW | ELEVATION: 73 | MAP ID: 5 |
| NAME: FMR MOBIL SERVICE STATION #1171701-735                       | REV: 9/11/12      |               |           |
| ADDRESS: 52 SUMNER ST<br>BRIDGEWATER MA 02324                      | ID1: 4-0021539    |               |           |
| PLYMOUTH   | ID2:              |               |           |
| CONTACT: MA DEP  | STATUS: RAQNR     |               |           |
| SOURCE:  | PHONE:            |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: CORRESPONDENCE ISSUED                                  |                   |               |           |
| ACT TYPE: NOTICE OF RESPONSIBILITY                                 |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 5/14/2009  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: RIN LINKED TO TCLASS VIA TIER CLASSIFICATION SUBMITTAL |                   |               |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 5/14/2009  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: TIER 2 CLASSIFICATION                                  |                   |               |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 5/14/2009  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: TRANSMITTAL RECEIVED                                   |                   |               |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 5/14/2009  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: LINKED TO A TIER CLASSIFIED SITE                       |                   |               |           |
| ACT TYPE: RAO NOT REQUIRED   |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 5/20/2009  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: LEGAL NOTICE PUBLISHED                                 |                   |               |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 5/13/2011  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: RIN LINKED TO TCLASS VIA TIER CLASSIFICATION SUBMITTAL |                   |               |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 5/13/2011  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: REVISED STATEMENT OR TRANSMITTAL RECEIVED              |                   |               |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                   |               |           |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS   |                   |               |           |
|--|-------------------|---------------|-----------|
| SEARCH ID: 38  | DIST/DIR: 0.13 SW | ELEVATION: 73 | MAP ID: 5 |
| NAME: FORMER MOBIL STATION NO. 11717 01-735                        | REV: 9/11/12      |               |           |
| ADDRESS: 52 SUMNER ST<br>BRIDGEWATER MA 02324                      | ID1: 4-0023237    |               |           |
| PLYMOUTH   | ID2:              |               |           |
| CONTACT: MA DEP  | STATUS: RAQNR     |               |           |
| SOURCE:  | PHONE:            |               |           |
| SITE INFORMATION   |                   |               |           |
| STATUS: RAQNR - Response action outcome not required               |                   |               |           |
| LOCATION TYPE:   |                   |               |           |
| SOURCE:  |                   |               |           |
| CATEGORY: 120 DY   |                   |               |           |
| SITE DESCRIPTION:  |                   |               |           |
| CHEMICALS  |                   |               |           |
| LIGHT NON-AQUEOUS PHASE LIQUID .36 INCH                            |                   |               |           |
| SITE ACTIONS   |                   |               |           |
| ACT DATE: 5/13/2011  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| LSP:   |                   |               |           |
| ACT STATUS: LINKED TO A TIER CLASSIFIED SITE                       |                   |               |           |
| LINKED SITE ID: 4-0021259  |                   |               |           |
| ACT TYPE: RAO NOT REQUIRED   |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 5/14/2009  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: RIN LINKED TO TCLASS VIA TIER CLASSIFICATION SUBMITTAL |                   |               |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 5/14/2009  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: TRANSMITTAL RECEIVED                                   |                   |               |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 5/14/2009  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: TIER 2 CLASSIFICATION                                  |                   |               |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 5/20/2009  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: LEGAL NOTICE PUBLISHED                                 |                   |               |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                   |               |           |
| RAO CLASS:   |                   |               |           |

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| SPILLS   |                   |               |           |
|--|-------------------|---------------|-----------|
| SEARCH ID: 38  | DIST/DIR: 0.13 SW | ELEVATION: 73 | MAP ID: 5 |
| NAME: FORMER MOBIL STATION NO. 11717 01-735                        | REV: 9/11/12      |               |           |
| ADDRESS: 52 SUMNER ST<br>BRIDGEWATER MA 02324                      | ID1: 4-0023237    |               |           |
| PLYMOUTH   | ID2:              |               |           |
| CONTACT: MA DEP  | STATUS: RAQNR     |               |           |
| SOURCE:  | PHONE:            |               |           |
| ACT DATE: 4/18/2011  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E                       |                   |               |           |
| ACT TYPE: RELEASE DISPOSITION                                      |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 4/18/2011  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: TRANSMITTAL RECEIVED                                   |                   |               |           |
| ACT TYPE: RELEASE NOTIFICATION SUBMITTED THROUGH EDEP              |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 5/13/2011  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: LINKED TO A TIER CLASSIFIED SITE                       |                   |               |           |
| ACT TYPE: RAO NOT REQUIRED   |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 5/13/2011  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: RIN LINKED TO TCLASS VIA TIER CLASSIFICATION SUBMITTAL |                   |               |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 5/13/2011  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: REVISED STATEMENT OR TRANSMITTAL RECEIVED              |                   |               |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                   |               |           |
| RAO CLASS:   |                   |               |           |
| ACT DATE: 2/14/2012  |                   |               |           |
| ACT USE LIMITATION:  |                   |               |           |
| ACT STATUS: CORRESPONDENCE ISSUED                                  |                   |               |           |
| ACT TYPE: NOTICE OF RESPONSIBILITY                                 |                   |               |           |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS   |                     |                 |           |
|--|---------------------|-----------------|-----------|
| SEARCH ID: 42                                  | DIST/DIR: 0.13 SW   | ELEVATION: 73   | MAP ID: 5 |
| NAME: MOBIL SERV STA                           | REV: 9/11/12        | ID1: 4-0021259  |           |
| ADDRESS: 52 SUMMER ST<br>BRIDGEWATER MA 02324  | ID2: 4-0021259      | STATUS: TIER II |           |
| CONTACT: PLYMOUTH                              | PHONE: 508-446-1111 |                 |           |
| SOURCE: BRENNAN, S                             |                     |                 |           |
| CASE CLOSED? YES                               |                     |                 |           |
| SPILL DATE: 19900605                           |                     |                 |           |
| DATE REPORTED: 19900605                        |                     |                 |           |
| REPORT TIME: 03:00PM                           |                     |                 |           |
| SPILL NOTIFIER: SHEILA MALLOY                  |                     |                 |           |
| SPILL NOTIFIER PHONE: 508-446-1111             |                     |                 |           |
| SPILL DESCRIPTION:                             |                     |                 |           |
| INCIDENT: OTHER RELEASE > PHASE TWO            |                     |                 |           |
| MATERIAL SPILLED: WASTE OIL                    |                     |                 |           |
| AMT RPTD SPILLED: UNKNOWN                      |                     |                 |           |
| ACTUAL AMT SPILLED: UNKNOWN                    |                     |                 |           |
| SOURCE OF SPILL: OTHER SOURCE > VAPOR RECOVERY |                     |                 |           |
| PET/HAZ: PETROLEUM/WASTE: WASTE                |                     |                 |           |
| PCB LEVEL: 0.000000                            |                     |                 |           |
| ENVIRONMENTAL IMPACT: SOIL                     |                     |                 |           |
| LUST: 1  |                     |                 |           |
| SOIL CONTAMINATED? YES                         |                     |                 |           |
| CONTRACTOR: NOT USED                           |                     |                 |           |
| PREPARE REPORT: YES                            |                     |                 |           |
| DAYS/CLOSE: 1                                  |                     |                 |           |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS   |                     |                 |           |
|--|---------------------|-----------------|-----------|
| SEARCH ID: 43                                  | DIST/DIR: 0.13 SW   | ELEVATION: 73   | MAP ID: 5 |
| NAME: MOBIL SERV STA                           | REV: 9/11/12        | ID1: 4-0021259  |           |
| ADDRESS: 52 SUMMER ST<br>BRIDGEWATER MA 02324  | ID2: 4-0021259      | STATUS: TIER II |           |
| CONTACT: PLYMOUTH                              | PHONE: 508-446-1111 |                 |           |
| SOURCE: BRENNAN, S                             |                     |                 |           |
| CASE CLOSED? YES                               |                     |                 |           |
| SPILL DATE: 19900605                           |                     |                 |           |
| DATE REPORTED: 19900605                        |                     |                 |           |
| REPORT TIME: 08:57AM                           |                     |                 |           |
| SPILL NOTIFIER: SHEILA MALLOY                  |                     |                 |           |
| SPILL NOTIFIER PHONE: 508-446-1111             |                     |                 |           |
| SPILL DESCRIPTION:                             |                     |                 |           |
| INCIDENT: OTHER RELEASE > FILL RISER           |                     |                 |           |
| MATERIAL SPILLED: GASOLINE                     |                     |                 |           |
| AMT RPTD SPILLED: UNKNOWN                      |                     |                 |           |
| ACTUAL AMT SPILLED: UNKNOWN                    |                     |                 |           |
| SOURCE OF SPILL: OTHER SOURCE > CONTRACTOR HST |                     |                 |           |
| PET/HAZ: PETROLEUM/WASTE: WASTE                |                     |                 |           |
| PCB LEVEL: 0.000000                            |                     |                 |           |
| ENVIRONMENTAL IMPACT: SOIL                     |                     |                 |           |
| LUST: 1  |                     |                 |           |
| SOIL CONTAMINATED? YES                         |                     |                 |           |
| CONTRACTOR: NOT USED                           |                     |                 |           |
| PREPARE REPORT: YES                            |                     |                 |           |
| DAYS/CLOSE: 1                                  |                     |                 |           |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS   |                     |                 |           |
|--|---------------------|-----------------|-----------|
| SEARCH ID: 44  | DIST/DIR: 0.13 SW   | ELEVATION: 73   | MAP ID: 5 |
| NAME: MOBIL SS   | REV: 9/11/12        | ID1: 4-0021259  |           |
| ADDRESS: 52 SUMMER ST<br>BRIDGEWATER MA  | ID2: 4-0021259      | STATUS: TIER II |           |
| CONTACT: PLYMOUTH  | PHONE: 508-446-1111 |                 |           |
| SOURCE: MA DEP   |                     |                 |           |
| SITE INFORMATION   |                     |                 |           |
| STATUS: TIER 2 - A site/release receiving a total NRS score less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (ICMR 42.052002B). Permits are not required at Tier 2 sites/releases and response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites. |                     |                 |           |
| LOCATION TYPE: COMMERCIAL  |                     |                 |           |
| SOURCE: UST  |                     |                 |           |
| CATEGORY: 12 HR  |                     |                 |           |
| SITE DESCRIPTION:  |                     |                 |           |
| CHEMICALS  |                     |                 |           |
| GASOLINE 511 PPM   |                     |                 |           |
| SITE ACTIONS   |                     |                 |           |
| ACT DATE: 5/15/2008  |                     |                 |           |
| ACT USE LIMITATION:  |                     |                 |           |
| ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E   |                     |                 |           |
| ACT TYPE: RELEASE DISPOSITION  |                     |                 |           |
| RAO CLASS:   |                     |                 |           |
| ACT DATE: 5/16/2008  |                     |                 |           |
| ACT USE LIMITATION:  |                     |                 |           |
| ACT STATUS: ORAL APPROVAL OF PLAN  |                     |                 |           |
| ACT TYPE: IMMEDIATE RESPONSE ACTION  |                     |                 |           |
| RAO CLASS:   |                     |                 |           |
| ACT DATE: 5/20/2008  |                     |                 |           |
| ACT USE LIMITATION:  |                     |                 |           |
| ACT STATUS: CORRESPONDENCE ISSUED  |                     |                 |           |
| ACT TYPE: NOTICE OF RESPONSIBILITY   |                     |                 |           |
| RAO CLASS:   |                     |                 |           |
| ACT DATE: 7/14/2008  |                     |                 |           |
| ACT USE LIMITATION:  |                     |                 |           |
| ACT STATUS: TRANSMITTAL RECEIVED   |                     |                 |           |
| ACT TYPE: RELEASE NOTIFICATION SUBMITTED THROUGH EDEP  |                     |                 |           |
| RAO CLASS:   |                     |                 |           |
| ACT DATE: 7/14/2008  |                     |                 |           |
| ACT USE LIMITATION:  |                     |                 |           |
| ACT STATUS: WRITTEN PLAN RECEIVED  |                     |                 |           |
| ACT TYPE: IMMEDIATE RESPONSE ACTION  |                     |                 |           |
| RAO CLASS:   |                     |                 |           |
| ACT DATE: 7/16/2008  |                     |                 |           |
| ACT USE LIMITATION:  |                     |                 |           |

Continued on next page

Site Details Page - 53

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS   |                     |                 |           |
|--|---------------------|-----------------|-----------|
| SEARCH ID: 44  | DIST/DIR: 0.13 SW   | ELEVATION: 73   | MAP ID: 5 |
| NAME: MOBIL SS   | REV: 9/11/12        | ID1: 4-0021259  |           |
| ADDRESS: 52 SUMMER ST<br>BRIDGEWATER MA                            | ID2: 4-0021259      | STATUS: TIER II |           |
| CONTACT: PLYMOUTH  | PHONE: 508-446-1111 |                 |           |
| SOURCE: MA DEP   |                     |                 |           |
| ACT STATUS: TECHNICAL SCREEN AUDIT                                 |                     |                 |           |
| ACT TYPE: IMMEDIATE RESPONSE ACTION                                |                     |                 |           |
| RAO CLASS:   |                     |                 |           |
| ACT DATE: 9/11/2008  |                     |                 |           |
| ACT USE LIMITATION:  |                     |                 |           |
| ACT STATUS: STATUS REPORT RECEIVED                                 |                     |                 |           |
| ACT TYPE: IMMEDIATE RESPONSE ACTION                                |                     |                 |           |
| RAO CLASS:   |                     |                 |           |
| ACT DATE: 3/11/2009  |                     |                 |           |
| ACT USE LIMITATION:  |                     |                 |           |
| ACT STATUS: STATUS REPORT RECEIVED                                 |                     |                 |           |
| ACT TYPE: IMMEDIATE RESPONSE ACTION                                |                     |                 |           |
| RAO CLASS:   |                     |                 |           |
| ACT DATE: 5/14/2009  |                     |                 |           |
| ACT USE LIMITATION:  |                     |                 |           |
| ACT STATUS: TRANSMITTAL RECEIVED                                   |                     |                 |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                     |                 |           |
| RAO CLASS:   |                     |                 |           |
| ACT DATE: 5/14/2009  |                     |                 |           |
| ACT USE LIMITATION:  |                     |                 |           |
| ACT STATUS: RTN LINKED TO TCLASS VIA TIER CLASSIFICATION SUBMITTAL |                     |                 |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                     |                 |           |
| RAO CLASS:   |                     |                 |           |
| ACT DATE: 5/14/2009  |                     |                 |           |
| ACT USE LIMITATION:  |                     |                 |           |
| ACT STATUS: COMPLETION STATEMENT RECEIVED                          |                     |                 |           |
| ACT TYPE: PHASE 1  |                     |                 |           |
| RAO CLASS:   |                     |                 |           |
| ACT DATE: 5/14/2009  |                     |                 |           |
| ACT USE LIMITATION:  |                     |                 |           |
| ACT STATUS: TIER 2 CLASSIFICATION                                  |                     |                 |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                     |                 |           |
| RAO CLASS:   |                     |                 |           |
| ACT DATE: 5/20/2009  |                     |                 |           |
| ACT USE LIMITATION:  |                     |                 |           |
| ACT STATUS: LEGAL NOTICE PUBLISHED                                 |                     |                 |           |
| ACT TYPE: TIER CLASSIFICATION                                      |                     |                 |           |
| RAO CLASS:   |                     |                 |           |
| ACT DATE: 9/14/2009  |                     |                 |           |

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Site Details Page - 54

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

SPILLS

SEARCH ID: 44 DIST/DIR: 0.13 SW ELEVATION: 73 MAP ID: 5

NAME: MOBIL 55 REV: 9/11/12  
ADDRESS: 52 SUMMER ST ID1: 4-0021259  
BRIDGEWATER MA ID2: 23012  
PLYMOUTH STATUS: TIERII  
CONTACT: PHONE:  
SOURCE: MA DEP

ACT USE LIMITATION:  
ACT STATUS: STATUS REPORT RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:

ACT DATE: 1/26/2010  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
RAO CLASS:

ACT DATE: 3/27/2010  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
RAO CLASS:

ACT DATE: 3/15/2010  
ACT USE LIMITATION:  
ACT STATUS: STATUS REPORT RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:

ACT DATE: 9/14/2010  
ACT USE LIMITATION:  
ACT STATUS: STATUS REPORT RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:

ACT DATE: 12/29/2010  
ACT USE LIMITATION:  
ACT STATUS: SCOPE OF WORK RECEIVED  
ACT TYPE: PHASE 2  
RAO CLASS:

ACT DATE: 2/8/2011  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:

ACT DATE: 5/12/2011  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: PHASE 2  
RAO CLASS:

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

Site Details Page - 55

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

UST

SEARCH ID: 60 DIST/DIR: 0.13 SW ELEVATION: 73 MAP ID: 5

NAME: MOBIL R/S #11717 REV: 9/14/12  
ADDRESS: 52 SUMMER ST ID1: 0-012966  
BRIDGEWATER MA 02324 ID2: 23012  
PLYMOUTH STATUS: REMOVED  
CONTACT: PHONE:  
SOURCE: MA DEP

TOTAL NUMBER OF TANKS: 5

OWNER INFORMATION  
OWNER NAME: EXXONMOBIL OIL CORPORATION  
OWNER ADDRESS: PO BOX 22087  
GREENSBORO NC 27420

FACILITY TYPE GAS STATION  
WORK PHONE (800) 253-8054  
INSPECTION DATE:  
LAST UPDATED: 6/9/2008

TANK INFORMATION

TANK NUMBER: 1  
TANK STATUS: REMOVED  
SERIAL NUMBER:  
ABOVE GROUND: N  
CAPACITY: GALL: 10000  
CONTENTS: GASOLINE  
USE: MV  
TANK MATERIAL: REINFORCED  
TANK TYPE: 1 WALL  
LEAK DETECTION: Approved In-Tank Monitor

PIPE MATERIAL: REINFORCED  
PIPE TYPE: 1 WALL  
LEAK DETECTION: Product Line Leak Detector

TANK NUMBER: 2  
TANK STATUS: REMOVED  
SERIAL NUMBER:  
ABOVE GROUND: N  
CAPACITY: GALL: 10000  
CONTENTS: GASOLINE  
USE: MV  
TANK MATERIAL: REINFORCED  
TANK TYPE: 1 WALL  
LEAK DETECTION: Approved In-Tank Monitor

PIPE MATERIAL: REINFORCED  
PIPE TYPE: 1 WALL  
LEAK DETECTION: Product Line Leak Detector

TANK NUMBER: 3  
TANK STATUS: REMOVED  
SERIAL NUMBER:  
ABOVE GROUND: N

- Continued on next page -

Site Details Page - 56

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

UST

SEARCH ID: 60 DIST/DIR: 0.13 SW ELEVATION: 73 MAP ID: 5

NAME: MOBIL R/S #11717 REV: 9/14/12  
ADDRESS: 52 SUMMER ST ID1: 0-012966  
BRIDGEWATER MA 02324 ID2: 23012  
PLYMOUTH STATUS: REMOVED  
CONTACT: PHONE:  
SOURCE: MA DEP

CAPACITY: GALL: 10000  
CONTENTS: GASOLINE  
USE: MV  
TANK MATERIAL: REINFORCED  
TANK TYPE: 1 WALL  
LEAK DETECTION: Approved In-Tank Monitor

PIPE MATERIAL: REINFORCED  
PIPE TYPE: 1 WALL  
LEAK DETECTION: Product Line Leak Detector

TANK NUMBER: 4  
TANK STATUS: REMOVED  
SERIAL NUMBER:  
ABOVE GROUND: N  
CAPACITY: GALL: 550  
CONTENTS: FUEL OIL  
USE:  
TANK MATERIAL: REINFORCED  
TANK TYPE: 1 WALL  
LEAK DETECTION: Inventory Record-Keeping

PIPE MATERIAL:  
PIPE TYPE:  
LEAK DETECTION:

TANK NUMBER: 5  
TANK STATUS: REMOVED  
SERIAL NUMBER:  
ABOVE GROUND: N  
CAPACITY: GALL: 550  
CONTENTS: WASTE OIL  
USE:  
TANK MATERIAL: REINFORCED  
TANK TYPE: 1 WALL  
LEAK DETECTION: Approved In-Tank Monitor

PIPE MATERIAL:  
PIPE TYPE:  
LEAK DETECTION:

Site Details Page - 57

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

LUST

SEARCH ID: 73 DIST/DIR: 0.13 SW ELEVATION: 73 MAP ID: 5

NAME: MOBIL 55 REV: 9/11/12  
ADDRESS: 52 SUMMER ST ID1: 4-0021259  
BRIDGEWATER MA ID2: 23012  
PLYMOUTH STATUS: TIERII  
CONTACT: PHONE:  
SOURCE: MA DEP

SITE INFORMATION

STATUS: TIER 2 - A site/release receiving a total HRS score less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (ICAR 40.05.002(a)). Permits are not required at Tier 2 sites/releases and response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites.

LOCATION TYPE: COMMERCIAL  
SOURCE: UST  
CATEGORY: 72 HR  
SITE DESCRIPTION:

CHEMICALS

GASOLINE 511 PPM

SITE ACTIONS

ACT DATE: 5/15/2008  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE DISPOSITION  
RAO CLASS:

ACT DATE: 5/16/2008  
ACT USE LIMITATION:  
ACT STATUS: ORAL APPROVAL OF PLAN  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:

ACT DATE: 5/20/2008  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
RAO CLASS:

ACT DATE: 7/14/2008  
ACT USE LIMITATION:  
ACT STATUS: TRANSMITTAL RECEIVED  
ACT TYPE: RELEASE NOTIFICATION SUBMITTED THROUGH EDEP  
RAO CLASS:

ACT DATE: 7/14/2008  
ACT USE LIMITATION:  
ACT STATUS: WRITTEN PLAN RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:

ACT DATE: 7/16/2008  
ACT USE LIMITATION:

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| LUST  |           |            |         |
|---|-----------|------------|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION: | MAP ID: |
| 73  | 0.13 SW   | 73         | 5       |
| <b>NAME:</b> MOBIL 55<br><b>ADDRESS:</b> 52 SUMNER ST<br>BRIDGEWATER MA<br>PLYMOUTH<br><b>CONTACT:</b><br><b>SOURCE:</b> MA DEP   |           |            |         |
| <b>REV:</b> 9/11/12<br><b>ID1:</b> 4-0021259<br><b>ID2:</b><br><b>STATUS:</b> TIER1<br><b>PHONE:</b>  |           |            |         |
| ACT STATUS: TECHNICAL SCREEN AUDIT<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 9/11/2008<br>ACT USE LIMITATION:<br>ACT STATUS: STATUS REPORT RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 3/11/2009<br>ACT USE LIMITATION:<br>ACT STATUS: STATUS REPORT RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 5/14/2009<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLETION STATEMENT RECEIVED<br>ACT TYPE: PHASE 1<br>RAO CLASS:<br>ACT DATE: 5/14/2009<br>ACT USE LIMITATION:<br>ACT STATUS: TRANSMITTAL RECEIVED<br>ACT TYPE: TIER CLASSIFICATION<br>RAO CLASS:<br>ACT DATE: 5/14/2009<br>ACT USE LIMITATION:<br>ACT STATUS: RTR LINKED TO TCLASS VIA TIER CLASSIFICATION SUBMITTAL<br>ACT TYPE: TIER CLASSIFICATION<br>RAO CLASS:<br>ACT DATE: 5/14/2009<br>ACT USE LIMITATION:<br>ACT STATUS: TIER 2 CLASSIFICATION<br>ACT TYPE: TIER CLASSIFICATION<br>RAO CLASS:<br>ACT DATE: 5/20/2009<br>ACT USE LIMITATION:<br>ACT STATUS: LEGAL NOTICE PUBLISHED<br>ACT TYPE: TIER CLASSIFICATION<br>RAO CLASS:<br>ACT DATE: 9/14/2009 |           |            |         |

- Continued on next page -

Site Details Page - 59

| LUST   |           |            |         |
|--|-----------|------------|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION: | MAP ID: |
| 73   | 0.13 SW   | 73         | 5       |
| <b>NAME:</b> MOBIL 55<br><b>ADDRESS:</b> 52 SUMNER ST<br>BRIDGEWATER MA<br>PLYMOUTH<br><b>CONTACT:</b><br><b>SOURCE:</b> MA DEP  |           |            |         |
| <b>REV:</b> 9/11/12<br><b>ID1:</b> 4-0021259<br><b>ID2:</b><br><b>STATUS:</b> TIER1<br><b>PHONE:</b>   |           |            |         |
| ACT USE LIMITATION:<br>ACT STATUS: STATUS REPORT RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 1/26/2010<br>ACT USE LIMITATION:<br>ACT STATUS: CORRESPONDENCE ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS:<br>ACT DATE: 3/2/2010<br>ACT USE LIMITATION:<br>ACT STATUS: CORRESPONDENCE ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS:<br>ACT DATE: 3/15/2010<br>ACT USE LIMITATION:<br>ACT STATUS: STATUS REPORT RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 9/14/2010<br>ACT USE LIMITATION:<br>ACT STATUS: STATUS REPORT RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 12/29/2010<br>ACT USE LIMITATION:<br>ACT STATUS: SCOPE OF WORK RECEIVED<br>ACT TYPE: PHASE 2<br>RAO CLASS:<br>ACT DATE: 2/8/2011<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLETION STATEMENT RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 5/12/2011<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLETION STATEMENT RECEIVED<br>ACT TYPE: PHASE 2<br>RAO CLASS: |           |            |         |

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

Site Details Page - 60

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| UST   |           |            |         |
|---|-----------|------------|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION: | MAP ID: |
| 61  | 0.14 SW   | 76         | 6       |
| <b>NAME:</b> FORD HALL<br><b>ADDRESS:</b> 4 PARK AVE<br>BRIDGEWATER MA 02324<br>PLYMOUTH<br><b>CONTACT:</b><br><b>SOURCE:</b> MA DEP  |           |            |         |
| <b>REV:</b> 9/11/12<br><b>ID1:</b> 0-000787<br><b>ID2:</b> 23042<br><b>STATUS:</b> REMOVED<br><b>PHONE:</b>   |           |            |         |
| TOTAL NUMBER OF TANKS: 1<br>OWNER INFORMATION<br>OWNER NAME: BRIDGEWATER STATE COLLEGE<br>OWNER ADDRESS: 131 SUMNER ST<br>BRIDGEWATER MA 02324<br>FACILITY TYPE: STATE COLLEGE<br>WORK PHONE: (508) 697-1299<br>INSPECTION DATE:<br>LAST UPDATED: 12/18/1998<br>TANK INFORMATION<br>TANK NUMBER: 1<br>TANK STATUS: REMOVED<br>SERIAL NUMBER:<br>ABOVE GROUND: N<br>CAPACITY: GAL 330<br>CONTENTS: DIESEL<br>USE: GENERATOR<br>TANK MATERIAL: STEEL<br>TANK TYPE: 1 WALL<br>LEAK DETECTION: Inventory Record-Keeping<br>PIPE MATERIAL: STEEL<br>PIPE TYPE: 1 WALL<br>LEAK DETECTION: |           |            |         |

Site Details Page - 61

| SPILLS  |           |            |         |
|---|-----------|------------|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION: | MAP ID: |
| 47  | 0.15 SW   | 72         | 7       |
| <b>NAME:</b> POWER PLANT<br><b>ADDRESS:</b> PARK AVE<br>BRIDGEWATER MA<br>PLYMOUTH<br><b>CONTACT:</b><br><b>SOURCE:</b> MA DEP  |           |            |         |
| <b>REV:</b> 9/11/12<br><b>ID1:</b> 4-0014908<br><b>ID2:</b><br><b>STATUS:</b> RAO<br><b>PHONE:</b>  |           |            |         |
| SITE INFORMATION<br>STATUS: RAO - Response Action Outcome: a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.<br>LTBI: CONFIRMED:<br>DELETED: REMOVED:<br>LOCATION TYPE: SCHOOL<br>SOURCE: TRANSFORMER<br>CATEGORY: TWO HR<br>SITE DESCRIPTION:<br>CHEMICALS<br>TRANSFORMER OIL 30 GAL<br>SITE ACTIONS<br>LSP INVOLVED: BRIAN KLINGLER<br>ACT DATE: 8/21/1999<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE DISPOSITION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 8/21/1999<br>ACT USE LIMITATION:<br>ACT STATUS: CORRESPONDENCE ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 10/21/1999<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE NOTIFICATION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 11/21/1999<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLETION STATEMENT RECEIVED |           |            |         |

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Site Details Page - 62

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

SPILLS

SEARCH ID: 67 DIST/DIR: 0.15 SW ELEVATION: 72 MAP ID: 7

NAME: POWER PLANT  
ADDRESS: PARK AVE  
BRIDGEWATER MA  
PLYMOUTH

CONTACT: MA DEP  
SOURCE: MA DEP

REV: 9/11/12  
ID1: 4-0014968  
ID2: RAO  
STATUS: RAO  
PHONE:

ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND  
ACT DATE: 11/21/1999  
ACT USE LIMITATION:  
ACT STATUS: RAO STATEMENT RECEIVED  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND  
ACT DATE: 5/11/2005  
ACT USE LIMITATION:  
ACT STATUS: TECHNICAL SCREEN AUDIT  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND  
ACT DATE: 7/8/2010  
ACT USE LIMITATION:  
ACT STATUS: RLFA - COMPLIANCE FIELD RESPONSE - ANNOUNCED  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION

Site Details Page - 63

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

UST

SEARCH ID: 62 DIST/DIR: 0.15 SW ELEVATION: 72 MAP ID: 7

NAME: POWER PLANT  
ADDRESS: 34 PARK - REAR AVE  
BRIDGEWATER MA 02324  
PLYMOUTH

CONTACT: MA DEP  
SOURCE: MA DEP

REV: 9/14/12  
ID1: 0-000989  
ID2: 23042  
STATUS: IN USE  
PHONE:

TOTAL NUMBER OF TANKS: 5

OWNER INFORMATION  
OWNER NAME: BRIDGEWATER STATE COLLEGE  
OWNER ADDRESS: 131 SUMMER ST  
BRIDGEWATER MA 02324

FACILITY TYPE: STATE COLLEGE  
WORK PHONE: (508) 697-1399  
INSPECTION DATE: 5/14/2010  
LAST UPDATED: 10/28/2009

TANK INFORMATION

TANK NUMBER: 1  
TANK STATUS: IN USE  
SERIAL NUMBER: #6  
ABOVE GROUND: N  
CAPACITY (GAL): 30000  
CONTENTS: FUEL OIL  
USE: CONSUMPTIVE  
TANK MATERIAL: STEEL  
TANK TYPE: 1 WALL  
LEAK DETECTION: Inventory Record-Keeping

PIPE MATERIAL: CATHODIC  
PIPE TYPE: 2 WALLS  
LEAK DETECTION:

TANK NUMBER: 2  
TANK STATUS: IN USE  
SERIAL NUMBER: #6  
ABOVE GROUND: N  
CAPACITY (GAL): 30000  
CONTENTS: FUEL OIL  
USE: CONSUMPTIVE  
TANK MATERIAL: STEEL  
TANK TYPE: 1 WALL  
LEAK DETECTION: Inventory Record-Keeping

PIPE MATERIAL: CATHODIC  
PIPE TYPE: 2 WALLS  
LEAK DETECTION:

TANK NUMBER: 3  
TANK STATUS: IN USE  
SERIAL NUMBER: #6  
ABOVE GROUND: N

- Continued on next page -

Site Details Page - 64

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

UST

SEARCH ID: 62 DIST/DIR: 0.15 SW ELEVATION: 72 MAP ID: 7

NAME: POWER PLANT  
ADDRESS: 34 PARK - REAR AVE  
BRIDGEWATER MA 02324  
PLYMOUTH

CONTACT: MA DEP  
SOURCE: MA DEP

REV: 9/14/12  
ID1: 0-000989  
ID2: 23042  
STATUS: IN USE  
PHONE:

CAPACITY (GAL): 30000  
CONTENTS: FUEL OIL  
USE: CONSUMPTIVE  
TANK MATERIAL: STEEL  
TANK TYPE: 1 WALL  
LEAK DETECTION: Inventory Record-Keeping

PIPE MATERIAL: CATHODIC  
PIPE TYPE: 2 WALLS  
LEAK DETECTION:

TANK NUMBER: 4  
TANK STATUS: IN USE  
SERIAL NUMBER: #6  
ABOVE GROUND: N  
CAPACITY (GAL): 30000  
CONTENTS: FUEL OIL  
USE: CONSUMPTIVE  
TANK MATERIAL: STEEL  
TANK TYPE: 1 WALL  
LEAK DETECTION: Inventory Record-Keeping

PIPE MATERIAL: CATHODIC  
PIPE TYPE: 2 WALLS  
LEAK DETECTION:

TANK NUMBER: 5  
TANK STATUS: REMOVED  
SERIAL NUMBER:  
ABOVE GROUND: N  
CAPACITY (GAL): 1000  
CONTENTS: DIESEL  
USE: GENERATOR  
TANK MATERIAL: CATHODIC  
TANK TYPE: 2 WALLS  
LEAK DETECTION: Interstitial Monitoring

PIPE MATERIAL: STEEL  
PIPE TYPE: 2 WALLS  
LEAK DETECTION: Interstitial Space Monitor

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

UST

SEARCH ID: 57 DIST/DIR: 0.15 SW ELEVATION: 72 MAP ID: 8

NAME: CONANT SCIENCE BUILDING  
ADDRESS: 24 PARK AVE  
BRIDGEWATER MA 02324  
PLYMOUTH

CONTACT: MA DEP  
SOURCE: MA DEP

REV: 9/14/12  
ID1: 0-000990  
ID2: 23042  
STATUS: IN USE  
PHONE:

TOTAL NUMBER OF TANKS: 1

OWNER INFORMATION  
OWNER NAME: BRIDGEWATER STATE COLLEGE  
OWNER ADDRESS: 131 SUMMER ST  
BRIDGEWATER MA 02324

FACILITY TYPE: STATE COLLEGE  
WORK PHONE: (508) 531-2751  
INSPECTION DATE: 6/7/2010  
LAST UPDATED: 7/23/2012

TANK INFORMATION

TANK NUMBER: 1  
TANK STATUS: IN USE  
SERIAL NUMBER:  
ABOVE GROUND: N  
CAPACITY (GAL): 1000  
CONTENTS: DIESEL  
USE: GENERATOR  
TANK MATERIAL: CATHODIC  
TANK TYPE: 2 WALLS  
LEAK DETECTION: Interstitial Monitoring

PIPE MATERIAL: CATHODIC  
PIPE TYPE: 3 WALLS  
LEAK DETECTION: Interstitial Space Monitor

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

## SPILLS

|   |   |               |           |
|---|---|---------------|-----------|
| SEARCH ID: 23   | DIST/DIR: 0.16 NE   | ELEVATION: 55 | MAP ID: 9 |
| NAME: 143 PLYMOUTH ST<br>ADDRESS: PLYMOUTH ST<br>BRIDGEWATER MA   | REV: 9/11/12<br>ID1: 4-0016561<br>ID2:<br>STATUS: RAO<br>PHONE: |               |           |
| CONTACT: MA DEP<br>SOURCE:  |   |               |           |
| SITE INFORMATION<br>STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.<br>LTB: CONFIRMED<br>DELETED: REMOVED:  |   |               |           |
| LOCATION TYPE: RESIDENTIAL<br>SOURCE: TANKER<br>CATEGORY: TWO HR<br>SITE DESCRIPTION:   |   |               |           |
| CHEMICALS<br>#2 FUEL OIL 900 GAL  |   |               |           |
| SITE ACTIONS<br>LSP INVOLVED: PHILIP MCBAIN<br>ACT DATE: 9/10/2001<br>ACT USE LIMITATION:<br>ACT STATUS: RLFA - COMPLIANCE FIELD RESPONSE - UNANNOUNCED<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 9/10/2001<br>ACT USE LIMITATION:<br>ACT STATUS: ORAL APPROVAL OF PLAN<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 9/10/2001<br>ACT USE LIMITATION:<br>ACT STATUS: RLFA - INITIAL COMPLIANCE FIELD RESPONSE - UNANNOUNCED<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 9/10/2001<br>ACT USE LIMITATION:<br>ACT STATUS: FIELD NOT ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 9/10/2001<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E |   |               |           |

- Continued on next page -

Site Details Page - 67

# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

## SPILLS

|  |   |               |           |
|--|---|---------------|-----------|
| SEARCH ID: 23  | DIST/DIR: 0.16 NE   | ELEVATION: 55 | MAP ID: 9 |
| NAME: 143 PLYMOUTH ST<br>ADDRESS: PLYMOUTH ST<br>BRIDGEWATER MA  | REV: 9/11/12<br>ID1: 4-0016561<br>ID2:<br>STATUS: RAO<br>PHONE: |               |           |
| CONTACT: MA DEP<br>SOURCE:   |   |               |           |
| ACT TYPE: RELEASE DISPOSITION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 9/12/2001<br>ACT USE LIMITATION:<br>ACT STATUS: ORAL APPROVAL OF PLAN<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 9/14/2001<br>ACT USE LIMITATION:<br>ACT STATUS: FOLLOW UP OFFICE RESPONSE<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 9/26/2001<br>ACT USE LIMITATION:<br>ACT STATUS: CORRESPONDENCE ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 11/9/2001<br>ACT USE LIMITATION:<br>ACT STATUS: WRITTEN PLAN RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 11/9/2001<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE NOTIFICATION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 11/15/2001<br>ACT USE LIMITATION:<br>ACT STATUS: TECHNICAL SCREEN AUDIT<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 1/4/2002<br>ACT USE LIMITATION:<br>ACT STATUS: RAO STATEMENT RECEIVED<br>ACT TYPE: RESPONSE ACTION OUTCOME - RAO |   |               |           |

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

## SPILLS80

|  |   |               |            |
|--|---|---------------|------------|
| SEARCH ID: 53  | DIST/DIR: 0.18 SW   | ELEVATION: 88 | MAP ID: 10 |
| NAME: PROPERTY/RESIDENCE<br>ADDRESS: 9 SUMMER ST<br>BRIDGEWATER MA 02324<br>PLYMOUTH<br>CONTACT: PMAUD, L<br>SOURCE:   | REV: 5/8/0856<br>ID1:<br>ID2:<br>STATUS: CLOSED<br>PHONE: |               |            |
| SPILL DATE: 19891207SPILL TIME: 08:45AM<br>DATE REPORTED: 19891207REPORT TIME: 09:01AM<br>SPILL NOTIFIER: DISPATCHER/FDNOTIFIER PHONE:   |   |               |            |
| INCIDENT: RUPTURE<br>MATERIAL SPILLED: #2 FUEL OIL<br>AMT RPTD SPILLED: UNKNOWN GALLONS ACTUAL AMT SPILLED: UNKNOWN GALLONS<br>SOURCE OF SPILL: ABOVE GROUND TANK<br>PET/HAZ: PETROLEUM/WASTE: VIRGIN<br>PCB LEVEL: NONE<br>ENVIRONMENTAL IMPACT:<br>LUST: ...SOIL CONTAMINATED:<br>CONTRACTOR: NOT USEDPREPARE REPORT:<br>DAYS/CLOSE: 1 |   |               |            |

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

## STATE

|  |   |               |            |
|--|---|---------------|------------|
| SEARCH ID: 20  | DIST/DIR: 0.18 NW   | ELEVATION: 47 | MAP ID: 11 |
| NAME: PROPERTY<br>ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA 02324<br>PLYMOUTH<br>CONTACT: MA DEP<br>SOURCE:  | REV: 9/11/12<br>ID1: 4-0006058<br>ID2:<br>STATUS: RAO<br>PHONE: |               |            |
| SITE INFORMATION<br>STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.<br>LTB: CONFIRMED<br>DELETED: REMOVED:   |   |               |            |
| LOCATION TYPE:<br>SOURCE:<br>CATEGORY: NONE<br>SITE DESCRIPTION:   |   |               |            |
| CHEMICALS<br>UNKNOWN   |   |               |            |
| SITE ACTIONS<br>TS DATE: 6/10/1994<br>ALL RESTRICTION: NON<br>LSP: WILLIAM NORMAN<br>RA STATUS:<br>RAO TYPE: RESPONSE ACTION OUTCOME - RAO<br>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED<br>ACT DATE: 2/28/1994<br>ACT USE LIMITATION:<br>ACT STATUS: INTERIM DEADLINE LETTER ISSUED<br>ACT TYPE: COMPLIANCE AND ENFORCEMENT<br>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED<br>ACT DATE: 2/28/1994<br>ACT USE LIMITATION:<br>ACT STATUS: CORRESPONDENCE ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED<br>ACT DATE: 2/28/1994<br>ACT USE LIMITATION:<br>ACT STATUS: VALID TRANSITION SITE<br>ACT TYPE: RELEASE DISPOSITION<br>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED<br>ACT DATE: 6/10/1994<br>ACT USE LIMITATION:<br>ACT STATUS: RAO STATEMENT RECEIVED<br>ACT TYPE: RESPONSE ACTION OUTCOME - RAO |   |               |            |

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

## SPILLS

|  |                   |                |            |
|--|-------------------|----------------|------------|
| SEARCH ID: 24  | DIST/DIR: 0.18 NW | ELEVATION: 47  | MAP ID: 11 |
| NAME: ADWAY  | REV: 9/11/12      | ID1: 4-0012199 |            |
| ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA 02324<br>PLYMOUTH  | ID2: RAO          | STATUS: RAO    |            |
| CONTACT: MA DEP  | PHONE:            |                |            |
| <p><b>SITE INFORMATION</b></p> <p>STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.</p> <p>LOCATION TYPE: SOURCE</p> <p>CATEGORY: 120 DY</p> <p>SITE DESCRIPTION:</p> <p><b>CHEMICALS</b></p> <p>DIESEL FUEL 1100 PPM</p> <p><b>SITE ACTIONS</b></p> <p>LSP INVOLVED: SARA HANNA</p> <p>ACT DATE: 5/13/1996</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> <p>ACT TYPE: RELEASE NOTIFICATION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 5/13/1996</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> <p>ACT TYPE: RELEASE NOTIFICATION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 5/13/1996</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> <p>ACT TYPE: RELEASE NOTIFICATION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> |                   |                |            |

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## SPILLS

|   |                   |                |            |
|---|-------------------|----------------|------------|
| SEARCH ID: 25   | DIST/DIR: 0.18 NW | ELEVATION: 47  | MAP ID: 11 |
| NAME: ADWAY   | REV: 9/11/12      | ID1: 4-0010928 |            |
| ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA<br>PLYMOUTH   | ID2: RAO          | STATUS: RAO    |            |
| CONTACT: MA DEP   | PHONE:            |                |            |
| <p><b>SITE INFORMATION</b></p> <p>STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.</p> <p>LTB: CONFIRMED</p> <p>DELETED: REMOVED</p> <p>LOCATION TYPE: COMMERCIAL</p> <p>SOURCE: US</p> <p>CATEGORY: 12 HR</p> <p>SITE DESCRIPTION:</p> <p><b>CHEMICALS</b></p> <p>UNKNOWN CHEMICAL OF TYPE - OIL</p> <p><b>SITE ACTIONS</b></p> <p>LSP INVOLVED: SARA HANNA</p> <p>LSP INVOLVED: WILLIAM NORMAN</p> <p>ACT DATE: 11/18/1994</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> <p>ACT TYPE: RELEASE NOTIFICATION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 11/18/1994</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> <p>ACT TYPE: RELEASE NOTIFICATION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 11/18/1994</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> <p>ACT TYPE: RELEASE NOTIFICATION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 11/18/1994</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> <p>ACT TYPE: RELEASE NOTIFICATION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> |                   |                |            |

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

## SPILLS

|   |                   |                |            |
|---|-------------------|----------------|------------|
| SEARCH ID: 25   | DIST/DIR: 0.18 NW | ELEVATION: 47  | MAP ID: 11 |
| NAME: ADWAY   | REV: 9/11/12      | ID1: 4-0010928 |            |
| ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA<br>PLYMOUTH   | ID2: RAO          | STATUS: RAO    |            |
| CONTACT: MA DEP   | PHONE:            |                |            |
| <p>ACT DATE: 11/22/1994</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: FOLLOW UP OFFICE RESPONSE</p> <p>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 11/22/1994</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: FOLLOW UP OFFICE RESPONSE</p> <p>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 12/11/1994</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: FOLLOW UP OFFICE RESPONSE</p> <p>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 1/10/1995</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: CORRESPONDENCE ISSUED</p> <p>ACT TYPE: NOTICE OF RESPONSIBILITY</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 1/10/1995</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: CORRESPONDENCE ISSUED</p> <p>ACT TYPE: NOTICE OF RESPONSIBILITY</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 3/22/1995</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: WRITTEN APPROVAL OF PLAN</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 4/5/1995</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: WRITTEN APPROVAL OF PLAN</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 6/26/1995</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: COMPLETION STATEMENT RECEIVED</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> |                   |                |            |

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## SPILLS

|   |                   |                |            |
|---|-------------------|----------------|------------|
| SEARCH ID: 25   | DIST/DIR: 0.18 NW | ELEVATION: 47  | MAP ID: 11 |
| NAME: ADWAY   | REV: 9/11/12      | ID1: 4-0010928 |            |
| ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA<br>PLYMOUTH   | ID2: RAO          | STATUS: RAO    |            |
| CONTACT: MA DEP   | PHONE:            |                |            |
| <p>ACT DATE: 11/17/1995</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: FEE RECEIVED-FMCRA USE ONLY</p> <p>ACT TYPE: RESPONSE ACTION OUTCOME - RAO</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 11/20/1995</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: RESPONSE ACTION OUTCOME - RAO</p> <p>ACT TYPE: RESPONSE ACTION OUTCOME - RAO</p> |                   |                |            |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS   |                     |               |            |
|--|---------------------|---------------|------------|
| SEARCH ID: 26  | DIST/DIR: 0.18 NW   | ELEVATION: 47 | MAP ID: 11 |
| NAME: AGWAY ENERGY PRODUCTS  | REV: 590-0908       |               |            |
| ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA 02324  | ID1: 590-0908       |               |            |
| CONTACT: BRENNAN, S  | ID2: STATUS: CLOSED |               |            |
| SOURCE: MA DEP   | PHONE:              |               |            |
| <p>CASE CLOSED? YES</p> <p>SPILL DATE: 19911220 SPILL TIME: 07:00PM</p> <p>DATE REPORTED: 19911221 REPORT TIME: 09:25AM</p> <p>SPILL NOTIFIER: JOANNE NUZZOVAGWAY - NYNOTIFIER PHONE:</p> <p>SPILL DESCRIPTION:</p> <p>INCIDENT: OVERTILL</p> <p>MATERIAL SPILLED: DIESEL FUEL</p> <p>AMT BPTD SPILLED: 1-10 GALLONS ACTUAL AMT SPILLED: UNKNOWN</p> <p>SOURCE OF SPILL: VEH. FUEL TANK</p> <p>PETHAZ: PETROLEUM WASTE: VIRGIN</p> <p>PCB LEVEL: NONE</p> <p>ENVIRONMENTAL IMPACT:</p> <p>LUST: NOSOL CONTAMINATED?</p> <p>CONTRACTOR: NOT USED PREPARE REPORT:</p> <p>DAYS CLOSE: 1</p> |                     |               |            |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS  |                     |               |            |
|---|---------------------|---------------|------------|
| SEARCH ID: 27   | DIST/DIR: 0.18 NW   | ELEVATION: 47 | MAP ID: 11 |
| NAME: AGWAY ENERGY PRODUCTS   | REV: 593-0137       |               |            |
| ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA 02324   | ID1: 593-0137       |               |            |
| CONTACT: PNAUD, L   | ID2: STATUS: CLOSED |               |            |
| SOURCE: MA DEP  | PHONE:              |               |            |
| <p>CASE CLOSED? YES</p> <p>SPILL DATE: SPILL TIME:</p> <p>DATE REPORTED: 19930303 REPORT TIME: 04:23PM</p> <p>SPILL NOTIFIER: RICHARD WILLIAMS/AGWAY NOTIFIER PHONE:</p> <p>SPILL DESCRIPTION:</p> <p>INCIDENT: -----</p> <p>MATERIAL SPILLED: GASOLINE</p> <p>AMT BPTD SPILLED: ----- ACTUAL AMT SPILLED: -----</p> <p>SOURCE OF SPILL: -----</p> <p>PETHAZ: PETROLEUM WASTE: -----</p> <p>PCB LEVEL: -----</p> <p>ENVIRONMENTAL IMPACT: -----</p> <p>LUST: NOSOL CONTAMINATED?</p> <p>CONTRACTOR: NOT USED PREPARE REPORT:</p> <p>DAYS CLOSE: 0</p> |                     |               |            |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS   |                   |               |            |
|--|-------------------|---------------|------------|
| SEARCH ID: 28  | DIST/DIR: 0.18 NW | ELEVATION: 47 | MAP ID: 11 |
| NAME: AGWAY PETROLEUM INC  | REV: 9/11/12      |               |            |
| ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA 02324  | ID1: 4-0011875    |               |            |
| CONTACT: PLYMOUTH  | ID2: STATUS: RAO  |               |            |
| SOURCE: MA DEP   | PHONE:            |               |            |
| <p>SITE INFORMATION</p> <p>STATUS: RAO - (Response Action Outcome): a site release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.</p> <p>LTR: CONFIRMED:</p> <p>DELETED: REMOVED:</p> <p>LOCATION TYPE: COMMERCIAL</p> <p>SOURCE: UST</p> <p>CATEGORY: 32-18</p> <p>SITE DESCRIPTION:</p> <p>CHEMICALS</p> <p>UNKNOWN CHEMICAL OF TYPE - OIL</p> <p>SITE ACTIONS</p> <p>LSP INVOLVED: SARA HANNA</p> <p>ACT DATE: 12/29/1995</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: WRITTEN APPROVAL OF PLAN</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 12/29/1995</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> <p>ACT TYPE: RELEASE DISPOSITION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 12/29/1995</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: FOLLOW UP OFFICE RESPONSE</p> <p>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 1/4/1996</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: CORRESPONDENCE ISSUED</p> <p>ACT TYPE: NOTICE OF RESPONSIBILITY</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 3/27/1996</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: RAO STATEMENT RECEIVED</p> |                   |               |            |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS   |                   |               |            |
|--|-------------------|---------------|------------|
| SEARCH ID: 28                                  | DIST/DIR: 0.18 NW | ELEVATION: 47 | MAP ID: 11 |
| NAME: AGWAY PETROLEUM INC                      | REV: 9/11/12      |               |            |
| ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA 02324  | ID1: 4-0011875    |               |            |
| CONTACT: PLYMOUTH                              | ID2: STATUS: RAO  |               |            |
| SOURCE: MA DEP                                 | PHONE:            |               |            |
| <p>ACT TYPE: RESPONSE ACTION OUTCOME - RAO</p> |                   |               |            |

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

## SPILLS

|  |   |               |            |
|--|---|---------------|------------|
| SEARCH ID: 48  | DIST/DIR: 0.18 NW   | ELEVATION: 47 | MAP ID: 11 |
| NAME: PROPERTY<br>ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA 02324<br>PLYMOUTH  | REV: 9/11/12<br>ID1: 4-0006058<br>ID2:<br>STATUS: RAO<br>PHONE: |               |            |
| CONTACT: MA DEP<br>SOURCE:   |   |               |            |
| SITE INFORMATION<br>STATUS: RAO (Response Action Outcome), a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.<br>LTBI: CONFIRMED:<br>DELETED: REMOVED:<br>LOCATION TYPE:<br>SOURCE:<br>CATEGORY: NONE<br>SITE DESCRIPTION:<br>CHEMICALS<br>UNKNOWN<br>SITE ACTIONS<br>TS DATE: 6/10/1994<br>AUL RESTRICTION: NON<br>LSP: WILLIAM MORRIS<br>RA STATUS:<br>RAS TYPE: RESPONSE ACTION OUTCOME - RAO<br>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED<br>ACT DATE: 2/28/1994<br>ACT USE LIMITATION:<br>ACT STATUS: CORRESPONDENCE ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED<br>ACT DATE: 2/28/1994<br>ACT USE LIMITATION:<br>ACT STATUS: INTERIM DEADLINE LETTER ISSUED<br>ACT TYPE: COMPLIANCE AND ENFORCEMENT<br>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED<br>ACT DATE: 2/28/1994<br>ACT USE LIMITATION:<br>ACT STATUS: VALID TRANSITION SITE<br>ACT TYPE: RELEASE DISPOSITION<br>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED<br>ACT DATE: 6/10/1994<br>ACT USE LIMITATION:<br>ACT STATUS: RAO STATEMENT RECEIVED<br>ACT TYPE: RESPONSE ACTION OUTCOME - RAO |   |               |            |

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

## SPILLS80

|   |   |               |            |
|---|---|---------------|------------|
| SEARCH ID: 51   | DIST/DIR: 0.18 NW   | ELEVATION: 47 | MAP ID: 11 |
| NAME: AGWAY PETROLEUM<br>ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA 02324<br>PLYMOUTH<br>PACKARD, R  | REV: 9/11/12<br>ID1: 589-0902<br>ID2:<br>STATUS: CLOSED<br>PHONE: |               |            |
| CONTACT: MA DEP<br>SOURCE:  |   |               |            |
| SPILL DATE: 19891224<br>DATE REPORTED: 19891226<br>SPILL NOTIFIER: JOHANNIE MUZZO<br>INCIDENT: OVERFILL<br>MATERIAL SPILLED: 42 FUEL OIL<br>AMT RPTD SPILLED: 10-50 GALLONS<br>SOURCE OF SPILL: TANKER TRUCK<br>PET/HAZ: PETROLEUM/WASTE: VIRGIN<br>PCB LEVEL: NONE<br>ENVIRONMENTAL IMPACT: SOL<br>LUSTY: ---SOL CONTAMINATED:<br>CONTRACTOR: NOT USED<br>PREPARE REPORT:<br>DAYS/CLOSE: 1 |   |               |            |

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

## SPILLS80

|  |   |               |            |
|--|---|---------------|------------|
| SEARCH ID: 52  | DIST/DIR: 0.18 NW   | ELEVATION: 47 | MAP ID: 11 |
| NAME: AGWAY PETROLEUM<br>ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA 02324<br>PLYMOUTH<br>PACKARD, R   | REV: 9/11/12<br>ID1: 587-0088<br>ID2:<br>STATUS: CLOSED<br>PHONE: |               |            |
| CONTACT: MA DEP<br>SOURCE:   |   |               |            |
| SPILL DATE: 19870304<br>DATE REPORTED: 19870304<br>SPILL NOTIFIER: TOM CONDO<br>INCIDENT: DUMPING<br>MATERIAL SPILLED: MISCELLANEOUS OIL<br>AMT RPTD SPILLED: UNKNOWN GALLONS<br>SOURCE OF SPILL: OTHER SOURCE<br>PET/HAZ: PETROLEUM/WASTE: -----<br>PCB LEVEL: -----<br>ENVIRONMENTAL IMPACT:<br>LUSTY: NOSOL CONTAMINATED:<br>CONTRACTOR: NOT USED<br>PREPARE REPORT:<br>DAYS/CLOSE: 1 |   |               |            |

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

## UST

|   |  |               |            |
|---|--|---------------|------------|
| SEARCH ID: 55   | DIST/DIR: 0.18 NW  | ELEVATION: 47 | MAP ID: 11 |
| NAME: AGWAY PETROLEUM CORPORATION<br>ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA 02324<br>PLYMOUTH  | REV: 9/11/12<br>ID1: 0-012957<br>ID2: 23047<br>STATUS: REMOVED<br>PHONE: |               |            |
| CONTACT: MA DEP<br>SOURCE:  |  |               |            |
| TOTAL NUMBER OF TANKS: 3<br>OWNER INFORMATION<br>OWNER NAME: AGWAY PETROLEUM CORPORATION<br>OWNER ADDRESS: PO BOX 4857<br>SYRACUSE NY 13221<br>FACILITY TYPE: OTHER<br>WORK PHONE: (617) 697-3131<br>INSPECTION DATE:<br>LAST UPDATED:<br>TANK INFORMATION<br>TANK NUMBER: 1<br>TANK STATUS: REMOVED<br>SERIAL NUMBER:<br>ABOVE GROUND: N<br>CAPACITY: GALL: 1000<br>CONTENTS: GASOLINE<br>USE:<br>TANK MATERIAL:<br>TANK TYPE:<br>LEAK DETECTION:<br>PIPE MATERIAL:<br>PIPE TYPE:<br>LEAK DETECTION:<br>TANK NUMBER: 2<br>TANK STATUS: REMOVED<br>SERIAL NUMBER:<br>ABOVE GROUND: N<br>CAPACITY: GALL: 1000<br>CONTENTS: GASOLINE<br>USE:<br>TANK MATERIAL:<br>TANK TYPE:<br>LEAK DETECTION:<br>PIPE MATERIAL:<br>PIPE TYPE:<br>LEAK DETECTION:<br>TANK NUMBER: 3<br>TANK STATUS: REMOVED<br>SERIAL NUMBER:<br>ABOVE GROUND: N |  |               |            |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| LUST   |           |                 |         |
|--|-----------|-----------------|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION:      | MAP ID: |
| 55   | 0.18 NW   | 47              | 11      |
| NAME: AGWAY PETROLEUM CORPORATION  |           | REV: 9/14/12    |         |
| ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA 02324  |           | ID1: 0-012957   |         |
| PLYMOUTH   |           | ID2: 23042      |         |
| CONTACT:   |           | STATUS: REMOVED |         |
| SOURCE: MA DEP   |           | PHONE:          |         |
| CAPACITY: 4000<br>CONTENTS: DIESEL<br>USE:<br>TANK MATERIAL: CATHODIC<br>TANK TYPE:<br>LEAK DETECTION:<br>PIPE MATERIAL: CATHODIC<br>PIPE TYPE:<br>LEAK DETECTION: |           |                 |         |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| LUST  |           |                |         |
|---|-----------|----------------|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:     | MAP ID: |
| 63  | 0.18 NW   | 47             | 11      |
| NAME: AGWAY   |           | REV: 9/11/12   |         |
| ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA   |           | ID1: 4-0010928 |         |
| PLYMOUTH  |           | ID2:           |         |
| CONTACT:  |           | STATUS: RAO    |         |
| SOURCE: MA DEP  |           | PHONE:         |         |
| SITE INFORMATION  |           |                |         |
| STATUS: RAO - (Response Action Outcome): a site release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated. |           |                |         |
| LTR: CONFIRMED:<br>DELETED: REMOVED:  |           |                |         |
| LOCATION TYPE: COMMERCIAL<br>SOURCE: UST<br>CATEGORY: 72 HR<br>SITE DESCRIPTION:  |           |                |         |
| CHEMICALS   |           |                |         |
| UNKNOWN CHEMICAL OF TYPE - OIL  |           |                |         |
| SITE ACTIONS  |           |                |         |
| LSP INVOLVED: WILLIAM NORMAN<br>LSP INVOLVED: SARA HANNA  |           |                |         |
| ACT DATE: 11/18/1994<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE DISPOSITION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND                                |           |                |         |
| ACT DATE: 11/18/1994<br>ACT USE LIMITATION:<br>ACT STATUS: FOLLOW UP OFFICE RESPONSE<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND                       |           |                |         |
| ACT DATE: 11/18/1994<br>ACT USE LIMITATION:<br>ACT STATUS: RFA - FOLLOW UP OR OTHER FIELD RESPONSE<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND         |           |                |         |
| ACT DATE: 11/18/1994<br>ACT USE LIMITATION:<br>ACT STATUS: ORAL APPROVAL OF PLAN<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND                                     |           |                |         |
| ACT DATE: 11/19/1994  |           |                |         |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| LUST  |           |                |         |
|---|-----------|----------------|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:     | MAP ID: |
| 63  | 0.18 NW   | 47             | 11      |
| NAME: AGWAY   |           | REV: 9/11/12   |         |
| ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA   |           | ID1: 4-0010928 |         |
| PLYMOUTH  |           | ID2:           |         |
| CONTACT:  |           | STATUS: RAO    |         |
| SOURCE: MA DEP  |           | PHONE:         |         |
| ACT USE LIMITATION:<br>ACT STATUS: FOLLOW UP OFFICE RESPONSE<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND                         |           |                |         |
| ACT DATE: 11/22/1994<br>ACT USE LIMITATION:<br>ACT STATUS: FOLLOW UP OFFICE RESPONSE<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND |           |                |         |
| ACT DATE: 12/11/1994<br>ACT USE LIMITATION:<br>ACT STATUS: FOLLOW UP OFFICE RESPONSE<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND |           |                |         |
| ACT DATE: 1/10/1995<br>ACT USE LIMITATION:<br>ACT STATUS: WRITTEN APPROVAL OF PLAN<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND             |           |                |         |
| ACT DATE: 1/10/1995<br>ACT USE LIMITATION:<br>ACT STATUS: CORRESPONDENCE ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND                 |           |                |         |
| ACT DATE: 3/22/1995<br>ACT USE LIMITATION:<br>ACT STATUS: WRITTEN PLAN RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND                |           |                |         |
| ACT DATE: 4/5/1995<br>ACT USE LIMITATION:<br>ACT STATUS: WRITTEN APPROVAL OF PLAN<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND              |           |                |         |
| ACT DATE: 6/26/1995<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLETION STATEMENT RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND        |           |                |         |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| LUST  |           |                |         |
|---|-----------|----------------|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:     | MAP ID: |
| 63  | 0.18 NW   | 47             | 11      |
| NAME: AGWAY   |           | REV: 9/11/12   |         |
| ADDRESS: 39 SPRING ST<br>BRIDGEWATER MA   |           | ID1: 4-0010928 |         |
| PLYMOUTH  |           | ID2:           |         |
| CONTACT:  |           | STATUS: RAO    |         |
| SOURCE: MA DEP  |           | PHONE:         |         |
| ACT DATE: 11/12/1995<br>ACT USE LIMITATION:<br>ACT STATUS: FEE RECEIVED-FMCRA USE ONLY<br>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND |           |                |         |
| ACT DATE: 11/20/1995<br>ACT USE LIMITATION:<br>ACT STATUS: RAO STATEMENT RECEIVED<br>ACT TYPE: RESPONSE ACTION OUTCOME - RAO  |           |                |         |

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

## LUST

SEARCH ID: 64 DIST/DIR: 0.18 NW ELEVATION: 47 MAP ID: 11

NAME: AGWAY PETROLEUM INC  
ADDRESS: 39 SPRING ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP  
REV: 9/11/12  
ID1: 4-0011875  
ID2: RAO  
STATUS: RAO  
PHONE:

### SITE INFORMATION

STATUS: RAO: (Response Action Outcome): a site/leak where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.

LTBI: CONFIRMED:  
DELETED-REMOVED:

LOCATION TYPE: COMMERCIAL  
SOURCE: US1  
CATEGORY: 72 HR  
SITE DESCRIPTION:

### CHEMICALS

UNKNOWN CHEMICAL OF TYPE - OIL

### SITE ACTIONS

LSP INVOLVED: SARA MANNA

ACT DATE: 12/29/1995  
ACT USE LIMITATION:  
ACT STATUS: WRITTEN APPROVAL OF PLAN  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 12/29/1995  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE DISPOSITION  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 12/29/1995  
ACT USE LIMITATION:  
ACT STATUS: FOLLOW UP OFFICE RESPONSE  
ACT TYPE: SITE VISIT ON COMPLIANCE INSPECTION  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 1/4/1996  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 3/27/1996  
ACT USE LIMITATION:  
ACT STATUS: RAO STATEMENT RECEIVED

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Site Details Page - 87

# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

## LUST

SEARCH ID: 64 DIST/DIR: 0.18 NW ELEVATION: 47 MAP ID: 11

NAME: AGWAY PETROLEUM INC  
ADDRESS: 39 SPRING ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP  
REV: 9/11/12  
ID1: 4-0011875  
ID2: RAO  
STATUS: RAO  
PHONE:

ACT TYPE: RESPONSE ACTION OUTCOME - RAO

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

## SPILLS

SEARCH ID: 33 DIST/DIR: 0.18 SW ELEVATION: 76 MAP ID: 12

NAME: BRIDGEWATER STATE COLLEGE  
ADDRESS: PARK AVE  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: MORAN, M  
SOURCE: MA DEP  
REV: 5/9/2001  
ID1: 593-0201  
ID2: CLOSED  
STATUS: CLOSED  
PHONE:

CASE CLOSED? YES  
SPILL DATE: 1/19/2002 SPILL TIME: 06:30PM  
DATE REPORTED: 1/19/2002 REPORT TIME: 08:40PM  
SPILL NOTIFIER: LT MURPHY/FDNOTIFIER PHONE:

### SPILL DESCRIPTION:

INCIDENT: -----  
MATERIAL SPILLED: OTHER MATERIAL -----  
AMT RPTD SPILLED: FUMES ----- ACTUAL AMT SPILLED: FUMES -----  
SOURCE OF SPILL: -----  
PET/HAZ: UNKNOWN/RAWASTE: -----  
PCB LEVEL: -----

### ENVIRONMENTAL IMPACT:

LUST: NOSOIL CONTAMINATED:  
CONTRACTOR: NOT USED/REPAIR REPORT:  
DAYS/CLOSE: 0

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

## ACEC

SEARCH ID: 80 DIST/DIR: 0.18 NE ELEVATION: MAP ID: 13

NAME: TOWN HIGH YARD  
ADDRESS: MA  
REV: 7/6/12  
ID1: MAOS-42-1025-14975  
ID2: 42-1025  
STATUS: OPEN SPACE  
PHONE:

### SITE INFORMATION

SITE NAME: TOWN HIGH YARD  
TOWN: 42  
OWNER: TOWN OF BRIDGEWATER  
OWNER NAME ABBREVIATION: M  
MANAGER: TOWN OF BRIDGEWATER CONSERVATION COMMISSION  
MANAGER NAME ABBREVIATION: MNCZC  
MANAGER TYPE: M  
PRIMARY PURPOSE: CONSERVATION  
PUBLIC ACCESS: NO PUBLIC ACCESS  
PROTECTION LEVEL: IN PERPETUITY  
ENTERPRISE HOLDING INTEREST:  
ENTERPRISE ABBREVIATION:  
INTEREST:  
TYPE:

ENTERPRISE HOLDING INTEREST:  
ENTERPRISE ABBREVIATION:  
TYPE:  
ENTERPRISE HOLDING INTEREST:  
ENTERPRISE ABBREVIATION:  
TYPE:  
INTEREST:  
GRANT PROGRAM:  
GRANT TYPE:  
GRANT PROGRAM 2:  
GRANT TYPE 2:

PROJECT ID 1:  
PROJECT ID 2:  
PROJECT ID 3:  
EOA INVOLVO  
ARTICLE 97A  
BOND ACCT:  
GIS ACRES: 3.77568  
CAL DATE RECORDED:  
DEED ACRES 0  
OS DEED BOOK 0  
OS DEED PAGE 0  
ASSESS ACRES 0.2  
ASSESS MAP:  
ASSESS BLK:

PROJECT ID 1:  
ASSESS LOT:  
ASSESS SUB:  
ALT SITE NAME:

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

ACEC

SEARCH ID: 80 DIST/DIR: 0.18 NE ELEVATION: MAP ID: 13

NAME: TOWN HIGH YARD  
ADDRESS: MA  
CONTACT: SOURCE: MASSGIS  
REV: 7/6/12  
ID1: MAOS-42-1025-16925  
ID2: 42-1025  
STATUS: OPEN SPACE  
PHONE:

ATT DATE: 1/9/2012  
BASE MAP: 42-2  
SOURCE MAP: 1  
COMMENTS:  
LOCATION ID:  
DCAM ID:  
FEE SYM:  
INT SYM:

STATE

SEARCH ID: 6 DIST/DIR: 0.20 NW ELEVATION: 87 MAP ID: 14

NAME: CUMBERLAND FARMS  
ADDRESS: 20 BROAD ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: SOURCE: MA DEP  
REV: 9/11/12  
ID1: 4-0000521  
ID2:  
STATUS: TCLASS  
PHONE:

SITE INFORMATION

STATUS: TCLASS - (Tier Classification): A site release where a Tier Classification Submittal was received, but the classification type has not been confirmed by DEP.

LTBI: 4/15/1988 CONFIRMED: 4/15/1988  
DELETED: REMOVED:

LTBI: CONFIRMED:  
DELETED: REMOVED:

LOCATION TYPE: GAS STATION,  
SOURCE: UST:

CATEGORY: NONE  
SITE DESCRIPTION: GROUNDWATER RELEASE: GASOLINE PRESENT; GAS STATION; CONTAINED IN A LUST; RELEASE TO SOIL:

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

CHEMICALS  
UNKNOWN

SITE ACTIONS

TS DATE: 1/13/1996  
AUL RESTRICTION:  
LSP: MICHAEL BINGHAM  
RA STATUS: APPROVAL TO TERMINATE AN IMMINENT HAZARD  
RAS TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:

TS DATE: 8/25/1995  
AUL RESTRICTION:  
LSP: MICHAEL BINGHAM  
RA STATUS: COMPLETION STATEMENT RECEIVED  
RAS TYPE: PHASE 4  
RAO CLASS:

TS DATE: 8/23/1997  
AUL RESTRICTION: NON  
LSP: MICHAEL BINGHAM  
RA STATUS:  
RAS TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 1/20/1988

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Site Details Page - 91

Site Details Page - 92

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

STATE

SEARCH ID: 6 DIST/DIR: 0.20 NW ELEVATION: 87 MAP ID: 14

NAME: CUMBERLAND FARMS  
ADDRESS: 20 BROAD ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: SOURCE: MA DEP  
REV: 9/11/12  
ID1: 4-0000521  
ID2:  
STATUS: TCLASS  
PHONE:

ACT USE LIMITATION:  
ACT STATUS: VALID TRANSITION SITE  
ACT TYPE: RELEASE DISPOSITION  
RAO CLASS:

ACT DATE: 1/20/1988  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
RAO CLASS:

ACT DATE: 10/10/1989  
ACT USE LIMITATION:  
ACT STATUS: TIER 1A OR PRIORITY SUBMITTAL APPROVED  
ACT TYPE: PHASE 2  
RAO CLASS:

ACT DATE: 5/23/1992  
ACT USE LIMITATION:  
ACT STATUS: WAIVER  
ACT TYPE: TRANSITION REGULATIONS  
RAO CLASS:

ACT DATE: 1/7/1993  
ACT USE LIMITATION:  
ACT STATUS: NOA FINDING - NO VIOLATIONS FOUND  
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE  
RAO CLASS:

ACT DATE: 5/4/1993  
ACT USE LIMITATION:  
ACT STATUS: WAIVER SIGNED OR APPROVED  
ACT TYPE: TRANSITION REGULATIONS  
RAO CLASS:

ACT DATE: 5/11/1993  
ACT USE LIMITATION:  
ACT STATUS: WAIVER ACCEPTED  
ACT TYPE: TRANSITION REGULATIONS  
RAO CLASS:

ACT DATE: 8/25/1995  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: PHASE 2  
RAO CLASS:

STATE

SEARCH ID: 6 DIST/DIR: 0.20 NW ELEVATION: 87 MAP ID: 14

NAME: CUMBERLAND FARMS  
ADDRESS: 20 BROAD ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: SOURCE: MA DEP  
REV: 9/11/12  
ID1: 4-0000521  
ID2:  
STATUS: TCLASS  
PHONE:

ACT DATE: 1/13/1996  
ACT USE LIMITATION:  
ACT STATUS: APPROVAL TO TERMINATE AN IMMINENT HAZARD  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:

ACT DATE: 2/7/1996  
ACT USE LIMITATION:  
ACT STATUS: RFA - COMPLIANCE FIELD RESPONSE - UNANNOUNCED  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS:

ACT DATE: 8/22/1997  
ACT USE LIMITATION:  
ACT STATUS: RAO STATEMENT RECEIVED  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS:

ACT DATE: 1/13/2008  
ACT USE LIMITATION:  
ACT STATUS: RFA - COMPLIANCE FIELD RESPONSE - UNANNOUNCED  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS:

ACT DATE: 9/18/2008  
ACT USE LIMITATION:  
ACT STATUS: WRITTEN NOTICE OF AUDIT  
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE  
RAO CLASS:

ACT DATE: 9/30/2008  
ACT USE LIMITATION:  
ACT STATUS: RFA - COMPLIANCE FIELD RESPONSE - ANNOUNCED  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS:

ACT DATE: 11/12/2008  
ACT USE LIMITATION:  
ACT STATUS: COMPREHENSIVE AUDIT  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS:

ACT DATE: 11/12/2008  
ACT USE LIMITATION:  
ACT STATUS: NON FINDING - NON - VIOLATIONS WITH FOLLOW-UP  
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE  
RAO CLASS:

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

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Site Details Page - 93

Site Details Page - 94

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

SPILLS

SEARCH ID: 34 DIST/DIR: 0.20 NW ELEVATION: 87 MAP ID: 14

NAME: CUMBERLAND FARMS REV: 9/11/12  
ADDRESS: 20 BROAD ST ID1: 4-0003521  
BRIDGEWATER MA 02324 ID2:  
PLYMOUTH STATUS: TCLASS  
CONTACT: PHONE:  
SOURCE: MA DEP

SITE INFORMATION  
STATUS: TCLASS - (Tier Classification): A site/release where a Tier Classification Submittal was received, but the classification type has not been confirmed by DEP.  
LTB: 4/15/1988 CONFIRMED: 4/15/1988  
DELETED: REMOVED:  
LTB: CONFIRMED:  
DELETED: REMOVED:

LOCATION TYPE: GAS STATION.  
SOURCE: UST  
CATEGORY: NONE  
SITE DESCRIPTION: GAS STATION: GASOLINE PRESENT; GROUNDWATER RELEASE: CONTAINED IN A LUST; RELEASE TO SOIL:  
OTHER CONTAMINATION:  
OTHER RELEASES:  
OTHER PROBLEMS:  
OTHER TYPE OF SITE:

CHEMICALS  
UNKNOWN

SITE ACTIONS  
TS DATE: 8/25/1995  
AUL RESTRICTION:  
LSP: MICHAEL BINGHAM  
RA STATUS: COMPLETION STATEMENT RECEIVED  
RAS TYPE: PHASE I  
RAO CLASS:  
TS DATE: 1/13/1996  
AUL RESTRICTION:  
LSP: MICHAEL BINGHAM  
RA STATUS: APPROVAL TO TERMINATE AN IMMINENT HAZARD  
RAS TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
TS DATE: 8/22/1997  
AUL RESTRICTION: NON  
LSP: MICHAEL BINGHAM  
RA STATUS:  
RAS TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED - CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND  
ACT DATE: 1/20/1988

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

SPILLS

SEARCH ID: 34 DIST/DIR: 0.20 NW ELEVATION: 87 MAP ID: 14

NAME: CUMBERLAND FARMS REV: 9/11/12  
ADDRESS: 20 BROAD ST ID1: 4-0003521  
BRIDGEWATER MA 02324 ID2:  
PLYMOUTH STATUS: TCLASS  
CONTACT: PHONE:  
SOURCE: MA DEP

ACT USE LIMITATION:  
ACT STATUS: VALID TRANSITION SITE  
ACT TYPE: RELEASE DISPOSITION  
RAO CLASS:  
ACT DATE: 1/20/1988  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
RAO CLASS:  
ACT DATE: 10/10/1989  
ACT USE LIMITATION:  
ACT STATUS: TIER 1A OR PRIORITY SUBMITTAL APPROVED  
ACT TYPE: PHASE 2  
RAO CLASS:  
ACT DATE: 5/23/1992  
ACT USE LIMITATION:  
ACT STATUS: WAIVER  
ACT TYPE: TRANSITION REGULATIONS  
RAO CLASS:  
ACT DATE: 1/7/1993  
ACT USE LIMITATION:  
ACT STATUS: NOA FINDING - NO VIOLATIONS FOUND  
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE  
RAO CLASS:  
ACT DATE: 5/4/1993  
ACT USE LIMITATION:  
ACT STATUS: WAIVER SIGNED OR APPROVED  
ACT TYPE: TRANSITION REGULATIONS  
RAO CLASS:  
ACT DATE: 5/11/1993  
ACT USE LIMITATION:  
ACT STATUS: WAIVER ACCEPTED  
ACT TYPE: TRANSITION REGULATIONS  
RAO CLASS:  
ACT DATE: 8/25/1995  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: PHASE 2  
RAO CLASS:

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Site Details Page - 96

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

SPILLS

SEARCH ID: 34 DIST/DIR: 0.20 NW ELEVATION: 87 MAP ID: 14

NAME: CUMBERLAND FARMS REV: 9/11/12  
ADDRESS: 20 BROAD ST ID1: 4-0003521  
BRIDGEWATER MA 02324 ID2:  
PLYMOUTH STATUS: TCLASS  
CONTACT: PHONE:  
SOURCE: MA DEP

ACT DATE: 1/13/1996  
ACT USE LIMITATION:  
ACT STATUS: APPROVAL TO TERMINATE AN IMMINENT HAZARD  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 3/7/1996  
ACT USE LIMITATION:  
ACT STATUS: RLFA - COMPLIANCE FIELD RESPONSE - UNANNOUNCED  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS:  
ACT DATE: 8/22/1997  
ACT USE LIMITATION:  
ACT STATUS: RAO STATEMENT RECEIVED  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS:  
ACT DATE: 1/13/2008  
ACT USE LIMITATION:  
ACT STATUS: RLFA - COMPLIANCE FIELD RESPONSE - UNANNOUNCED  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS:  
ACT DATE: 9/18/2008  
ACT USE LIMITATION:  
ACT STATUS: WRITTEN NOTICE OF AUDIT  
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE  
RAO CLASS:  
ACT DATE: 9/30/2008  
ACT USE LIMITATION:  
ACT STATUS: RLFA - COMPLIANCE FIELD RESPONSE - ANNOUNCED  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS:  
ACT DATE: 11/12/2008  
ACT USE LIMITATION:  
ACT STATUS: NOA FINDING - NON - VIOLATIONS WITH FOLLOW-UP  
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE  
RAO CLASS:  
ACT DATE: 11/12/2008  
ACT USE LIMITATION:  
ACT STATUS: COMPREHENSIVE AUDIT  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS:

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

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

UST

SEARCH ID: 59 DIST/DIR: 0.20 NW ELEVATION: 87 MAP ID: 14

NAME: CUMBERLAND FARMS INC REV: 9/14/12  
ADDRESS: 20 BROAD ST ID1: 0-012963  
BRIDGEWATER MA 02324 ID2: 23042  
PLYMOUTH STATUS: REMOVED  
CONTACT: PHONE:  
SOURCE: MA DEP

TOTAL NUMBER OF TANKS: 4

OWNER INFORMATION  
OWNER NAME: CUMBERLAND FARMS INC  
OWNER ADDRESS: 100 CROSSING BLVD  
FRAMINGHAM MA 01702

FACILITY TYPE OTHER  
WORK PHONE (617) 697-9502  
INSPECTION DATE:  
LAST UPDATED:

TANK INFORMATION

TANK NUMBER 1  
TANK STATUS: REMOVED  
SERIAL NUMBER:  
ABOVE GROUND-N  
CAPACITY (GAL) 4000  
CONTENTS: GASOLINE  
USE:  
TANK MATERIAL: STEEL  
TANK TYPE:  
LEAK DETECTION:  
PIPE MATERIAL: STEEL  
PIPE TYPE:  
LEAK DETECTION:

TANK NUMBER 2  
TANK STATUS: REMOVED  
SERIAL NUMBER:  
ABOVE GROUND-N  
CAPACITY (GAL) 4000  
CONTENTS: GASOLINE  
USE:  
TANK MATERIAL: STEEL  
TANK TYPE:  
LEAK DETECTION:  
PIPE MATERIAL: STEEL  
PIPE TYPE:  
LEAK DETECTION:

TANK NUMBER 3  
TANK STATUS: REMOVED  
SERIAL NUMBER:  
ABOVE GROUND-N

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

UST

SEARCH ID: 59 DIST/DIR: 0.20 NW ELEVATION: 87 MAP ID: 14

NAME: CUMBERLAND FARMS INC  
ADDRESS: 20 BROAD ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP

CAPACITY: 4000  
CONTENTS: GASOLINE  
USE:  
TANK MATERIAL: STEEL  
TANK TYPE:  
LEAK DETECTION:

PIPE MATERIAL: STEEL  
PIPE TYPE:  
LEAK DETECTION:

TANK NUMBER: 4  
TANK STATUS: REMOVED  
SERIAL NUMBER:  
ABOVE GROUND: N  
CAPACITY: 4000  
CONTENTS: UNKNOWN  
USE:  
TANK MATERIAL: STEEL  
TANK TYPE:  
LEAK DETECTION:

PIPE MATERIAL:  
PIPE TYPE:  
LEAK DETECTION:

LUST

SEARCH ID: 68 DIST/DIR: 0.20 NW ELEVATION: 87 MAP ID: 14

NAME: CUMBERLAND FARMS  
ADDRESS: 20 BROAD ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP

SITE INFORMATION

STATUS: TCLASS (Tier Classification): A site release where a Tier Classification Submittal was received, but the classification type has not been confirmed by DEP.

LTB: 4/15/1988 CONFIRMED: 4/15/1988  
DELETED: REMOVED:

LTB: CONFIRMED:  
DELETED: REMOVED:

LOCATION TYPE: GAS STATION  
SOURCE: UST  
CATEGORY: NONE  
SITE DESCRIPTION: GAS STATION; GASOLINE PRESENT; GROUNDWATER RELEASE; CONTAINED IN A LUST; RELEASE TO SOIL

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

CHEMICALS  
UNKNOWN

SITE ACTIONS

TS DATE: 1/13/1996  
AUL RESTRICTION:  
LSP: MICHAEL BINGHAM  
RA STATUS: APPROVAL TO TERMINATE AN IMMINENT HAZARD  
RAS TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:

TS DATE: 8/25/1995  
AUL RESTRICTION:  
LSP: MICHAEL BINGHAM  
RA STATUS: COMPLETION STATEMENT RECEIVED  
RAS TYPE: PHASE 1  
RAO CLASS:

TS DATE: 8/22/1997  
AUL RESTRICTION: NONE  
LSP: MICHAEL BINGHAM  
RA STATUS:  
RAS TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS: A - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 1/20/1988

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Site Details Page - 99

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

LUST

SEARCH ID: 68 DIST/DIR: 0.20 NW ELEVATION: 87 MAP ID: 14

NAME: CUMBERLAND FARMS  
ADDRESS: 20 BROAD ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP

ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
RAO CLASS:  
ACT DATE: 1/20/1988  
ACT USE LIMITATION:  
ACT STATUS: VALID TRANSITION SITE  
ACT TYPE: RELEASE DISPOSITION  
RAO CLASS:  
ACT DATE: 10/10/1989  
ACT USE LIMITATION:  
ACT STATUS: TIER 1A OR PRIORITY SUBMITTAL APPROVED  
ACT TYPE: PHASE 2  
RAO CLASS:  
ACT DATE: 5/23/1992  
ACT USE LIMITATION:  
ACT STATUS: WAIVER  
ACT TYPE: TRANSITION REGULATIONS  
RAO CLASS:  
ACT DATE: 1/7/1993  
ACT USE LIMITATION:  
ACT STATUS: NON-FINDING - NO VIOLATIONS FOUND  
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE  
RAO CLASS:  
ACT DATE: 5/4/1993  
ACT USE LIMITATION:  
ACT STATUS: WAIVER SIGNED OR APPROVED  
ACT TYPE: TRANSITION REGULATIONS  
RAO CLASS:  
ACT DATE: 5/11/1993  
ACT USE LIMITATION:  
ACT STATUS: WAIVER ACCEPTED  
ACT TYPE: TRANSITION REGULATIONS  
RAO CLASS:  
ACT DATE: 8/25/1995  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: PHASE 2  
RAO CLASS:

- Continued on next page -

Site Details Page - 101

LUST

SEARCH ID: 68 DIST/DIR: 0.20 NW ELEVATION: 87 MAP ID: 14

NAME: CUMBERLAND FARMS  
ADDRESS: 20 BROAD ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP

ACT DATE: 1/13/1996  
ACT USE LIMITATION:  
ACT STATUS: APPROVAL TO TERMINATE AN IMMINENT HAZARD  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:

ACT DATE: 2/7/1996  
ACT USE LIMITATION:  
ACT STATUS: RLFA - COMPLIANCE FIELD RESPONSE - UNANNOUNCED  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS:

ACT DATE: 8/22/1997  
ACT USE LIMITATION:  
ACT STATUS: RAO STATEMENT RECEIVED  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS:

ACT DATE: 1/13/2008  
ACT USE LIMITATION:  
ACT STATUS: RLFA - COMPLIANCE FIELD RESPONSE - UNANNOUNCED  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS:

ACT DATE: 9/18/2008  
ACT USE LIMITATION:  
ACT STATUS: WRITTEN NOTICE OF AUDIT  
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE  
RAO CLASS:

ACT DATE: 9/20/2008  
ACT USE LIMITATION:  
ACT STATUS: RLFA - COMPLIANCE FIELD RESPONSE - ANNOUNCED  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS:

ACT DATE: 11/12/2008  
ACT USE LIMITATION:  
ACT STATUS: NON-FINDING - NON - VIOLATIONS WITH FOLLOW-UP  
ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE  
RAO CLASS:

ACT DATE: 11/12/2008  
ACT USE LIMITATION:  
ACT STATUS: COMPREHENSIVE AUDIT  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS:

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

Site Details Page - 102

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE   |           |   |         |
|---|-----------|---|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:  | MAP ID: |
| 21  | 0.20 SW   | 97  | 15      |
| NAME: SHELL STATION FMR<br>ADDRESS: 28 CENTRAL SQ<br>BRIDGEWATER MA<br>PLYMOUTH   |           | REV: 9/11/12<br>ID1: 4-0016217<br>ID2:<br>STATUS: RAO<br>PHONE: |         |
| CONTACT: MA DEP<br>SOURCE:  |           |   |         |
| SITE INFORMATION<br>STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.<br>LTH: CONFIRMED:<br>DELETED: REMOVED:   |           |   |         |
| LOCATION TYPE: COMMERCIAL<br>SOURCE: US1<br>CATEGORY: 77 HR<br>SITE DESCRIPTION:  |           |   |         |
| CHEMICALS<br>GASOLINE 220 PPM   |           |   |         |
| SITE ACTIONS<br>LSP INVOLVED: JOSEPH LANDYN<br>ACT DATE: 4/24/2001<br>ACT USE LIMITATION:<br>ACT STATUS: ORAL APPROVAL OF PLAN<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 4/24/2001<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE DISPOSITION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 5/2/2001<br>ACT USE LIMITATION:<br>ACT STATUS: CORRESPONDENCE ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 5/24/2001<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE NOTIFICATION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 6/21/2001<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLETION STATEMENT RECEIVED |           |   |         |

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Site Details Page - 103

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE   |           |   |         |
|---|-----------|---|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:  | MAP ID: |
| 21  | 0.20 SW   | 97  | 15      |
| NAME: SHELL STATION FMR<br>ADDRESS: 28 CENTRAL SQ<br>BRIDGEWATER MA<br>PLYMOUTH   |           | REV: 9/11/12<br>ID1: 4-0016217<br>ID2:<br>STATUS: RAO<br>PHONE: |         |
| CONTACT: MA DEP<br>SOURCE:  |           |   |         |
| ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 5/1/2002<br>ACT USE LIMITATION:<br>ACT STATUS: RAO STATEMENT RECEIVED<br>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 5/2/2002<br>ACT USE LIMITATION:<br>ACT STATUS: FEE RECEIVED-FMCSA USE ONLY<br>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 5/8/2002<br>ACT USE LIMITATION:<br>ACT STATUS: FOLLOW UP OFFICE RESPONSE<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 7/8/2010<br>ACT USE LIMITATION:<br>ACT STATUS: RLFA - COMPLIANCE FIELD RESPONSE - ANNOUNCED<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION |           |   |         |

Site Details Page - 104

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS  |           |   |         |
|---|-----------|---|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:  | MAP ID: |
| 49  | 0.20 SW   | 97  | 15      |
| NAME: SHELL STATION FMR<br>ADDRESS: 28 CENTRAL SQ<br>BRIDGEWATER MA<br>PLYMOUTH   |           | REV: 9/11/12<br>ID1: 4-0016217<br>ID2:<br>STATUS: RAO<br>PHONE: |         |
| CONTACT: MA DEP<br>SOURCE:  |           |   |         |
| SITE INFORMATION<br>STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.<br>LTH: CONFIRMED:<br>DELETED: REMOVED:   |           |   |         |
| LOCATION TYPE: COMMERCIAL<br>SOURCE: US1<br>CATEGORY: 77 HR<br>SITE DESCRIPTION:  |           |   |         |
| CHEMICALS<br>GASOLINE 220 PPM   |           |   |         |
| SITE ACTIONS<br>LSP INVOLVED: JOSEPH LANDYN<br>ACT DATE: 4/24/2001<br>ACT USE LIMITATION:<br>ACT STATUS: ORAL APPROVAL OF PLAN<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 4/24/2001<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE DISPOSITION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 5/2/2001<br>ACT USE LIMITATION:<br>ACT STATUS: CORRESPONDENCE ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 5/24/2001<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE NOTIFICATION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 6/21/2001<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLETION STATEMENT RECEIVED |           |   |         |

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Site Details Page - 105

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS  |           |   |         |
|---|-----------|---|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:  | MAP ID: |
| 49  | 0.20 SW   | 97  | 15      |
| NAME: SHELL STATION FMR<br>ADDRESS: 28 CENTRAL SQ<br>BRIDGEWATER MA<br>PLYMOUTH   |           | REV: 9/11/12<br>ID1: 4-0016217<br>ID2:<br>STATUS: RAO<br>PHONE: |         |
| CONTACT: MA DEP<br>SOURCE:  |           |   |         |
| ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 5/1/2002<br>ACT USE LIMITATION:<br>ACT STATUS: RAO STATEMENT RECEIVED<br>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 5/2/2002<br>ACT USE LIMITATION:<br>ACT STATUS: FEE RECEIVED-FMCSA USE ONLY<br>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 5/8/2002<br>ACT USE LIMITATION:<br>ACT STATUS: FOLLOW UP OFFICE RESPONSE<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>ACT DATE: 7/8/2010<br>ACT USE LIMITATION:<br>ACT STATUS: RLFA - COMPLIANCE FIELD RESPONSE - ANNOUNCED<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION |           |   |         |

Site Details Page - 106

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| UST  |           |                |         |
|--|-----------|----------------|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION:     | MAP ID: |
| 56   | 0.20 SW   | 97             | 15      |
| NAME: BRIDGEWATER SQUARE GAS                         |           | REV: 9/14/12   |         |
| ADDRESS: 28 CENTRAL SQ<br>BRIDGEWATER MA 02324       |           | ID1: 0-012948  |         |
| CONTACT: PLYMOUTH                                    |           | ID2: 23042     |         |
| SOURCE: MA DEP                                       |           | STATUS: IN USE |         |
| TOTAL NUMBER OF TANKS: 6                             |           |                |         |
| OWNER INFORMATION                                    |           |                |         |
| OWNER NAME: YACOB F. MICHAEL                         |           |                |         |
| OWNER ADDRESS: 28 CENTRAL SQ<br>BRIDGEWATER MA 02324 |           |                |         |
| FACILITY TYPE: GAS STATION                           |           |                |         |
| WORK PHONE (SOB): 649-2999                           |           |                |         |
| INSPECTION DATE: 6/25/2009                           |           |                |         |
| LAST UPDATED BY: 12/20/02                            |           |                |         |
| TANK INFORMATION                                     |           |                |         |
| TANK NUMBER: 1                                       |           |                |         |
| TANK STATUS: REMOVED                                 |           |                |         |
| SERIAL NUMBER:                                       |           |                |         |
| ABOVE GROUND: N                                      |           |                |         |
| CAPACITY (GAL): 12000                                |           |                |         |
| CONTENTS: GASOLINE                                   |           |                |         |
| USE: MV  |           |                |         |
| TANK MATERIAL: REINFORCED                            |           |                |         |
| TANK TYPE: 2 WALLS                                   |           |                |         |
| LEAK DETECTION: Interstitial Monitoring              |           |                |         |
| PIPE MATERIAL: REINFORCED                            |           |                |         |
| PIPE TYPE: 1 WALL                                    |           |                |         |
| LEAK DETECTION: Product Line Leak Detector           |           |                |         |
| TANK NUMBER: 2                                       |           |                |         |
| TANK STATUS: REMOVED                                 |           |                |         |
| SERIAL NUMBER:                                       |           |                |         |
| ABOVE GROUND: N                                      |           |                |         |
| CAPACITY (GAL): 12000                                |           |                |         |
| CONTENTS: GASOLINE                                   |           |                |         |
| USE: MV  |           |                |         |
| TANK MATERIAL: REINFORCED                            |           |                |         |
| TANK TYPE: 2 WALLS                                   |           |                |         |
| LEAK DETECTION: Interstitial Monitoring              |           |                |         |
| PIPE MATERIAL: REINFORCED                            |           |                |         |
| PIPE TYPE: 1 WALL                                    |           |                |         |
| LEAK DETECTION: Product Line Leak Detector           |           |                |         |
| TANK NUMBER: 3                                       |           |                |         |
| TANK STATUS: REMOVED                                 |           |                |         |
| SERIAL NUMBER:                                       |           |                |         |
| ABOVE GROUND: N                                      |           |                |         |

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Site Details Page - 107

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| UST  |           |                |         |
|--|-----------|----------------|---------|
| SEARCH ID:                                     | DIST/DIR: | ELEVATION:     | MAP ID: |
| 56   | 0.20 SW   | 97             | 15      |
| NAME: BRIDGEWATER SQUARE GAS                   |           | REV: 9/14/12   |         |
| ADDRESS: 28 CENTRAL SQ<br>BRIDGEWATER MA 02324 |           | ID1: 0-012948  |         |
| CONTACT: PLYMOUTH                              |           | ID2: 23042     |         |
| SOURCE: MA DEP                                 |           | STATUS: IN USE |         |
| CAPACITY (GAL): 12000                          |           |                |         |
| CONTENTS: GASOLINE                             |           |                |         |
| USE: MV  |           |                |         |
| TANK MATERIAL: REINFORCED                      |           |                |         |
| TANK TYPE: 2 WALLS                             |           |                |         |
| LEAK DETECTION: Interstitial Monitoring        |           |                |         |
| PIPE MATERIAL: REINFORCED                      |           |                |         |
| PIPE TYPE: 1 WALL                              |           |                |         |
| LEAK DETECTION: Product Line Leak Detector     |           |                |         |
| TANK NUMBER: 4                                 |           |                |         |
| TANK STATUS: REMOVED                           |           |                |         |
| SERIAL NUMBER:                                 |           |                |         |
| ABOVE GROUND: N                                |           |                |         |
| CAPACITY (GAL): 12000                          |           |                |         |
| CONTENTS: WASTE OIL                            |           |                |         |
| USE:   |           |                |         |
| TANK MATERIAL: REINFORCED                      |           |                |         |
| TANK TYPE: 2 WALLS                             |           |                |         |
| LEAK DETECTION:                                |           |                |         |
| PIPE MATERIAL: REINFORCED                      |           |                |         |
| PIPE TYPE: 1 WALL                              |           |                |         |
| LEAK DETECTION:                                |           |                |         |
| TANK NUMBER: 5                                 |           |                |         |
| TANK STATUS: REMOVED                           |           |                |         |
| SERIAL NUMBER:                                 |           |                |         |
| ABOVE GROUND: N                                |           |                |         |
| CAPACITY (GAL): 12000                          |           |                |         |
| CONTENTS: FUEL OIL                             |           |                |         |
| USE:   |           |                |         |
| TANK MATERIAL: REINFORCED                      |           |                |         |
| TANK TYPE: 2 WALLS                             |           |                |         |
| LEAK DETECTION: Interstitial Monitoring        |           |                |         |
| PIPE MATERIAL:                                 |           |                |         |
| PIPE TYPE:                                     |           |                |         |
| LEAK DETECTION:                                |           |                |         |
| TANK NUMBER: 6                                 |           |                |         |
| TANK STATUS: IN USE                            |           |                |         |
| SERIAL NUMBER: 201310                          |           |                |         |
| ABOVE GROUND: N                                |           |                |         |
| CAPACITY (GAL): 20000                          |           |                |         |
| CONTENTS: GASOLINE                             |           |                |         |
| USE: MV  |           |                |         |
| TANK MATERIAL: COMPOSITE                       |           |                |         |
| TANK TYPE: 2 WALLS                             |           |                |         |

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Site Details Page - 108

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| UST  |           |                |         |
|--|-----------|----------------|---------|
| SEARCH ID:                                     | DIST/DIR: | ELEVATION:     | MAP ID: |
| 56   | 0.20 SW   | 97             | 15      |
| NAME: BRIDGEWATER SQUARE GAS                   |           | REV: 9/14/12   |         |
| ADDRESS: 28 CENTRAL SQ<br>BRIDGEWATER MA 02324 |           | ID1: 0-012948  |         |
| CONTACT: PLYMOUTH                              |           | ID2: 23042     |         |
| SOURCE: MA DEP                                 |           | STATUS: IN USE |         |
| LEAK DETECTION: Interstitial Monitoring        |           |                |         |
| PIPE MATERIAL: UNKNOWN                         |           |                |         |
| PIPE TYPE: 2 WALLS                             |           |                |         |
| LEAK DETECTION: Product Line Leak Detector     |           |                |         |

Site Details Page - 109

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| LUST  |           |                |         |
|---|-----------|----------------|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:     | MAP ID: |
| 75  | 0.20 SW   | 97             | 15      |
| NAME: SHELL STATION FMR   |           | REV: 9/11/12   |         |
| ADDRESS: 28 CENTRAL SQ<br>BRIDGEWATER MA  |           | ID1: 4-0016217 |         |
| CONTACT: PLYMOUTH   |           | ID2:           |         |
| SOURCE: MA DEP  |           | PHONE: RAO     |         |
| SITE INFORMATION  |           |                |         |
| STATUS: RAO - (Response Action Outcome): a site release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated. |           |                |         |
| LTI: CONFIRMED  |           |                |         |
| DELETED: REMOVED  |           |                |         |
| LOCATION TYPE: COMMERCIAL   |           |                |         |
| SOURCE: UST   |           |                |         |
| CATEGORY: 22 HR   |           |                |         |
| SITE DESCRIPTION:   |           |                |         |
| CHEMICALS   |           |                |         |
| GASOLINE 220 PPM  |           |                |         |
| SITE ACTIONS  |           |                |         |
| LSP INVOLVED: JOSEPH LANDON   |           |                |         |
| ACT DATE: 4/24/2001   |           |                |         |
| ACT USE LIMITATION:   |           |                |         |
| ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  |           |                |         |
| ACT TYPE: RELEASE DISPOSITION   |           |                |         |
| RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND  |           |                |         |
| ACT DATE: 4/24/2001   |           |                |         |
| ACT USE LIMITATION:   |           |                |         |
| ACT STATUS: ORAL APPROVAL OF PLAN   |           |                |         |
| ACT TYPE: IMMEDIATE RESPONSE ACTION   |           |                |         |
| RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND  |           |                |         |
| ACT DATE: 5/3/2001  |           |                |         |
| ACT USE LIMITATION:   |           |                |         |
| ACT STATUS: CORRESPONDENCE ISSUED   |           |                |         |
| ACT TYPE: NOTICE OF RESPONSIBILITY  |           |                |         |
| RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND  |           |                |         |
| ACT DATE: 5/24/2001   |           |                |         |
| ACT USE LIMITATION:   |           |                |         |
| ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  |           |                |         |
| ACT TYPE: RELEASE NOTIFICATION  |           |                |         |
| RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND  |           |                |         |
| ACT DATE: 6/21/2001   |           |                |         |
| ACT USE LIMITATION:   |           |                |         |
| ACT STATUS: COMPLETION STATEMENT RECEIVED   |           |                |         |

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Site Details Page - 110

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| LUST   |           |               |         |
|--|-----------|---------------|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION:    | MAP ID: |
| 75   | 0.20 SW   | 97            | 15      |
| NAME: SHELL STATION FMR  |           | REV: 7/11/12  |         |
| ADDRESS: 28 CENTRAL SQ   |           | ID1: 40016217 |         |
| PLYMOUTH   |           | ID2: 42-1147  |         |
| CONTACT: MA DEP  |           | STATUS: RAO   |         |
| SOURCE: MA DEP   |           | PHONE:        |         |
| <p>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 5/1/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: RAO STATEMENT RECEIVED<br/>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br/>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 5/2/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: FEE RECEIVED-FINRA USE ONLY<br/>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br/>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 5/8/2002<br/>ACT USE LIMITATION:<br/>ACT STATUS: FOLLOW UP OFFICE RESPONSE<br/>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br/>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 7/8/2010<br/>ACT USE LIMITATION:<br/>ACT STATUS: RLFA - COMPLIANCE FIELD RESPONSE - ANNOUNCED<br/>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION</p> |           |               |         |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| ACEC  |           |                        |         |
|---|-----------|------------------------|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:             | MAP ID: |
| 78  | 0.21 NE   |                        | 16      |
| NAME: STYLES & HART CONSERVATION AREA   |           | REV: 7/6/12            |         |
| ADDRESS: MA   |           | ID1: MAOS-42-1147-5642 |         |
|   |           | ID2: 42-1147           |         |
| CONTACT: MASSGIS  |           | STATUS: OPEN SPACE     |         |
| SOURCE: MASSGIS   |           | PHONE:                 |         |
| <p>SITE INFORMATION</p> <p>SITE NAME: STYLES &amp; HART CONSERVATION AREA<br/>TOWN: 42<br/>OWNER: TOWN OF BRIDGEWATER<br/>OWNER NAME ABBREVIATION: M<br/>MANAGER:<br/>MANAGER NAME ABBREVIATION:<br/>MANAGER TYPE:<br/>PRIMARY PURPOSE: CONSERVATION<br/>PUBLIC ACCESS: FULL PUBLIC ACCESS<br/>PROTECTION LEVEL: IN PERPETUITY<br/>ENTERPRISE HOLDING INTEREST:<br/>ENTERPRISE ABBREVIATION:<br/>INTEREST:<br/>TYPE:<br/>ENTERPRISE HOLDING INTEREST:<br/>ENTERPRISE ABBREVIATION:<br/>TYPE:<br/>ENTERPRISE HOLDING INTEREST:<br/>ENTERPRISE ABBREVIATION:<br/>TYPE:<br/>INTEREST:<br/>GRANT PROGRAM: SELF HELP<br/>GRANT TYPE: 5<br/>GRANT PROGRAM 2:<br/>GRANT TYPE 2:<br/>PROJECT ID 1: DCS-SH6<br/>PROJECT ID 2:<br/>PROJECT ID 3:<br/>EOEA INVOLV: 1<br/>ARTICLE 97: 1<br/>BOND ACCT:<br/>GIS ACRES: 67.1522<br/>CAL DATE RECORDED:<br/>DEED ACRES: 0<br/>OS DEED BOOK: 0<br/>OS DEED PAGE: 0<br/>ASSESS ACRES: 0<br/>ASSESS MAP: 12<br/>ASSESS BLK:<br/>PROJECT ID 1: DCS-SH6<br/>ASSESS LOT: 44<br/>ASSESS SUB:<br/>ALT SITE NAME:</p> |           |                        |         |

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Site Details Page - 112

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| ACEC  |           |                        |         |
|---|-----------|------------------------|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:             | MAP ID: |
| 78  | 0.21 NE   |                        | 16      |
| NAME: STYLES & HART CONSERVATION AREA   |           | REV: 7/6/12            |         |
| ADDRESS: MA   |           | ID1: MAOS-42-1147-5642 |         |
|   |           | ID2: 42-1147           |         |
| CONTACT: MASSGIS  |           | STATUS: OPEN SPACE     |         |
| SOURCE: MASSGIS   |           | PHONE:                 |         |
| <p>ATT DATE: 20050424<br/>BASE MAP:<br/>SOURCE MAP:<br/>COMMENTS:<br/>LOCATION ID:<br/>DCAM ID: 0<br/>FEE SYM: M<br/>INT SYM:</p> |           |                        |         |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| ACEC   |           |                        |         |
|--|-----------|------------------------|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION:             | MAP ID: |
| 79   | 0.21 SW   |                        | 17      |
| NAME: TOWN COMMON  |           | REV: 7/6/12            |         |
| ADDRESS: MA  |           | ID1: MAOS-42-1029-2373 |         |
|  |           | ID2: 42-1029           |         |
| CONTACT: MASSGIS   |           | STATUS: OPEN SPACE     |         |
| SOURCE: MASSGIS  |           | PHONE:                 |         |
| <p>SITE INFORMATION</p> <p>SITE NAME: TOWN COMMON<br/>TOWN: 42<br/>OWNER: TOWN OF BRIDGEWATER<br/>OWNER NAME ABBREVIATION: M<br/>MANAGER:<br/>MANAGER NAME ABBREVIATION:<br/>MANAGER TYPE:<br/>PRIMARY PURPOSE: RECREATION<br/>PUBLIC ACCESS: FULL PUBLIC ACCESS<br/>PROTECTION LEVEL: IN PERPETUITY<br/>ENTERPRISE HOLDING INTEREST:<br/>ENTERPRISE ABBREVIATION:<br/>INTEREST:<br/>TYPE:<br/>ENTERPRISE HOLDING INTEREST:<br/>ENTERPRISE ABBREVIATION:<br/>TYPE:<br/>ENTERPRISE HOLDING INTEREST:<br/>ENTERPRISE ABBREVIATION:<br/>TYPE:<br/>INTEREST:<br/>GRANT PROGRAM:<br/>GRANT TYPE:<br/>GRANT PROGRAM 2:<br/>GRANT TYPE 2:<br/>PROJECT ID 1:<br/>PROJECT ID 2:<br/>PROJECT ID 3:<br/>EOEA INVOLV: 0<br/>ARTICLE 97: 0<br/>BOND ACCT:<br/>GIS ACRES: 0.780467<br/>CAL DATE RECORDED:<br/>DEED ACRES: 0<br/>OS DEED BOOK: 0<br/>OS DEED PAGE: 0<br/>ASSESS ACRES: 0.75<br/>ASSESS MAP: 34<br/>ASSESS BLK:<br/>PROJECT ID 1:<br/>ASSESS LOT:<br/>ASSESS SUB:<br/>ALT SITE NAME:</p> |           |                        |         |

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Site Details Page - 114



Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| ACEC   |             |           |                   |
|--|-------------|-----------|-------------------|
| SEARCH ID:   | 79          | DIST/DIR: | 0.21 SW           |
| ELEVATION:   |             | MAP ID:   | 17                |
| NAME:  | TOWN COMMON | REV:      | 7/6/12            |
| ADDRESS:   | MA          | ID1:      | MAOS-42-1029-2373 |
| CONTACT:   |             | ID2:      | 42-1029           |
| SOURCE:  | MASSGIS     | STATUS:   | OPEN SPACE        |
| PHONE:   |             |           |                   |
| ATT DATE: 19950324<br>BASE MAP: 42-2<br>SOURCE MAP: 1<br>COMMENTS:<br>LOCATION ID:<br>DCAM ID:<br>FEE SYM:<br>INT SYM: |             |           |                   |

Site Details Page - 115

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS  |                                      |           |          |
|---|--------------------------------------|-----------|----------|
| SEARCH ID:  | 32                                   | DIST/DIR: | 0.23 SW  |
| ELEVATION:  | 100                                  | MAP ID:   | 18       |
| NAME:   | BRIDGEWATER STATE COLLEGE            | REV:      |          |
| ADDRESS:  | RDY GROVE ST<br>BRIDGEWATER MA 02324 | ID1:      | 590-0098 |
| CONTACT:  | PLYMOUTH<br>MORAN, M                 | ID2:      | CLOSED   |
| SOURCE:   | MA DEP                               | PHONE:    |          |
| CASE CLOSED? YES<br>SPILL DATE: 19900309<br>DATE REPORTED: 19900309<br>REPORT TIME: 03:00PM<br>SPILL NOTIFIER: C/F WALSH<br>NOTIFIER PHONE:   |                                      |           |          |
| SPILL DESCRIPTION:<br>INCIDENT: TANK REMOVAL<br>MATERIAL SPILLED: GASOLINE<br>AMT RPTD SPILLED: FUMES<br>ACTUAL AMT SPILLED: FUMES<br>SOURCE OF SPILL: U.S.T.<br>PETROL: PETROLEUM WASTE: VIRGIN<br>PCB LEVEL: NONE |                                      |           |          |
| ENVIRONMENTAL IMPACT:<br>LUST: NOSOL CONTAMINATED:<br>CONTRACTOR: NOT USED<br>PREPARE REPORT:<br>DAYS/CLOSE: 1  |                                      |           |          |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS80   |                      |           |          |
|--|----------------------|-----------|----------|
| SEARCH ID:   | 54                   | DIST/DIR: | 0.23 SW  |
| ELEVATION:   | 100                  | MAP ID:   | 18       |
| NAME:  | BRIDGEWATER STATE    | REV:      |          |
| ADDRESS:   | BRIDGEWATER MA 02324 | ID1:      | 587-0479 |
| CONTACT:   | MORAN, M             | ID2:      | CLOSED   |
| SOURCE:  |                      | PHONE:    |          |
| SPILL DATE: 19870730<br>SPILL TIME: 0:00<br>DATE REPORTED: 19870731<br>REPORT TIME:<br>SPILL NOTIFIER: NOTIFIER PHONE:   |                      |           |          |
| INCIDENT: LEAK<br>MATERIAL SPILLED: FORMALDEHYDE<br>AMT RPTD SPILLED: 1-10 GALLONS<br>ACTUAL AMT SPILLED: 1-10 GALLONS<br>SOURCE OF SPILL: DRUM<br>PET/HAZ: HAZARDOUS WASTE: WASTE<br>PCB LEVEL: |                      |           |          |
| ENVIRONMENTAL IMPACT:<br>LUST: SOIL CONTAMINATED:<br>CONTRACTOR: NOT USED<br>PREPARE REPORT:<br>DAYS/CLOSE: 2447061  |                      |           |          |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE  |  |           |           |
|--|--|-----------|-----------|
| SEARCH ID:   | 16                                       | DIST/DIR: | 0.23 NW   |
| ELEVATION:   | 85                                       | MAP ID:   | 19        |
| NAME:  | NO LOCATION AID                          | REV:      | 9/11/12   |
| ADDRESS:   | 33 MAIN ST<br>BRIDGEWATER MA<br>PLYMOUTH | ID1:      | 4-0017869 |
| CONTACT:   |  | ID2:      | STIMRET   |
| SOURCE:  | MA DEP                                   | PHONE:    |           |
| SITE INFORMATION<br>STATUS: STIMRET - (Statement Retracted): An RAO Statement that had been submitted for the site has been retracted.<br>LTR: CONFIRMED:<br>DELETED: REMOVED:   |  |           |           |
| LOCATION TYPE: COMMERCIAL<br>SOURCE: US1<br>CATEGORY: TWO HR<br>SITE DESCRIPTION:  |  |           |           |
| CHEMICALS<br>GASOLINE 145 PPM  |  |           |           |
| SITE ACTIONS<br>LSP INVOLVED: KEVIN SHEEHAN<br>ACT DATE: 6/23/2003<br>ACT USE LIMITATION:<br>ACT STATUS: ORAL APPROVAL OF PLAN<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 6/23/2003<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE DISPOSITION<br>RAO CLASS:<br>ACT DATE: 7/24/2003<br>ACT USE LIMITATION:<br>ACT STATUS: CORRESPONDENCE ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS:<br>ACT DATE: 8/22/2003<br>ACT USE LIMITATION:<br>ACT STATUS: STATUS REPORT RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS:<br>ACT DATE: 8/22/2003<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E |  |           |           |

- Continued on next page -

Site Details Page - 118

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

STATE

SEARCH ID: 16 DIST/DIR: 0.23 NW ELEVATION: 85 MAP ID: 19

NAME: NO LOCATION AID  
ADDRESS: 33 MAIN ST  
BRIDGEWATER MA  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP  
REV: 9/11/12  
ID1: 4-0017869  
ID2: STMTET  
STATUS: STMTET  
PHONE:

ACT TYPE: RELEASE NOTIFICATION  
RAO CLASS:  
ACT DATE: 8/22/2003  
ACT USE LIMITATION:  
ACT STATUS: WRITTEN PLAN RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 9/9/2003  
ACT USE LIMITATION:  
ACT STATUS: ORAL APPROVAL OF PLAN  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 9/19/2003  
ACT USE LIMITATION:  
ACT STATUS: FOLLOW UP OFFICE RESPONSE  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS:  
ACT DATE: 9/29/2003  
ACT USE LIMITATION:  
ACT STATUS: FOLLOW UP OFFICE RESPONSE  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS:  
ACT DATE: 9/29/2003  
ACT USE LIMITATION:  
ACT STATUS: ORAL APPROVAL OF PLAN  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 12/10/2003  
ACT USE LIMITATION:  
ACT STATUS: STATUS REPORT RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 12/10/2003  
ACT USE LIMITATION:  
ACT STATUS: STATUS REPORT RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 12/10/2003  
ACT USE LIMITATION:  
ACT STATUS: STATUS REPORT RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:

- Continued on next page -

Site Details Page - 119

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

STATE

SEARCH ID: 16 DIST/DIR: 0.23 NW ELEVATION: 85 MAP ID: 19

NAME: NO LOCATION AID  
ADDRESS: 33 MAIN ST  
BRIDGEWATER MA  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP  
REV: 9/11/12  
ID1: 4-0017869  
ID2: STMTET  
STATUS: STMTET  
PHONE:

ACT STATUS: WRITTEN PLAN RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 6/30/2004  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: PHASE 1  
RAO CLASS:  
ACT DATE: 6/30/2004  
ACT USE LIMITATION:  
ACT STATUS: TIER 2 CLASSIFICATION  
ACT TYPE: TIER CLASSIFICATION  
RAO CLASS:  
ACT DATE: 6/30/2004  
ACT USE LIMITATION:  
ACT STATUS: TRANSMITTAL RECEIVED  
ACT TYPE: TIER CLASSIFICATION  
RAO CLASS:  
ACT DATE: 3/1/2005  
ACT USE LIMITATION:  
ACT STATUS: SCOPE OF WORK RECEIVED  
ACT TYPE: PHASE 2  
RAO CLASS:  
ACT DATE: 6/30/2006  
ACT USE LIMITATION:  
ACT STATUS: RAO STATEMENT RECEIVED  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS:  
ACT DATE: 6/30/2006  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: PHASE 2  
RAO CLASS:  
ACT DATE: 9/7/2006  
ACT USE LIMITATION:  
ACT STATUS: TECHNICAL SCREEN AUDIT  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS:  
ACT DATE: 9/18/2008

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

Site Details Page - 120

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

SPILLS

SEARCH ID: 45 DIST/DIR: 0.23 NW ELEVATION: 85 MAP ID: 19

NAME: NO LOCATION AID  
ADDRESS: 33 MAIN ST  
BRIDGEWATER MA  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP  
REV: 9/11/12  
ID1: 4-0017869  
ID2: STMTET  
STATUS: STMTET  
PHONE:

SITE INFORMATION  
STATUS: STMTET - (Statement Retracted): An RAO Statement that had been submitted for the site has been retracted.  
LTI: CONFIRMED:  
DELETED: REMOVED:  
LOCATION TYPE: COMMERCIAL  
SOURCE: UST  
CATEGORY: TWO HR  
SITE DESCRIPTION:  
CHEMICALS  
GASOLINE 145 PPM  
SITE ACTIONS  
LSP INVOLVED: KEVIN SHEEHAN  
ACT DATE: 6/23/2003  
ACT USE LIMITATION:  
ACT STATUS: ORAL APPROVAL OF PLAN  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 6/23/2003  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE DISPOSITION  
RAO CLASS:  
ACT DATE: 7/24/2003  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
RAO CLASS:  
ACT DATE: 8/22/2003  
ACT USE LIMITATION:  
ACT STATUS: STATUS REPORT RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 8/22/2003  
ACT USE LIMITATION:  
ACT STATUS: WRITTEN PLAN RECEIVED

- Continued on next page -

Site Details Page - 121

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

SPILLS

SEARCH ID: 45 DIST/DIR: 0.23 NW ELEVATION: 85 MAP ID: 19

NAME: NO LOCATION AID  
ADDRESS: 33 MAIN ST  
BRIDGEWATER MA  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP  
REV: 9/11/12  
ID1: 4-0017869  
ID2: STMTET  
STATUS: STMTET  
PHONE:

ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 8/22/2003  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE NOTIFICATION  
RAO CLASS:  
ACT DATE: 9/9/2003  
ACT USE LIMITATION:  
ACT STATUS: ORAL APPROVAL OF PLAN  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 9/19/2003  
ACT USE LIMITATION:  
ACT STATUS: FOLLOW UP OFFICE RESPONSE  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS:  
ACT DATE: 9/29/2003  
ACT USE LIMITATION:  
ACT STATUS: ORAL APPROVAL OF PLAN  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 9/29/2003  
ACT USE LIMITATION:  
ACT STATUS: FOLLOW UP OFFICE RESPONSE  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS:  
ACT DATE: 12/10/2003  
ACT USE LIMITATION:  
ACT STATUS: WRITTEN PLAN RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 12/10/2003  
ACT USE LIMITATION:  
ACT STATUS: STATUS REPORT RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 12/10/2003  
ACT USE LIMITATION:

- Continued on next page -

Site Details Page - 122

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

SPILLS

SEARCH ID: 45 DIST/DIR: 0.23 NW ELEVATION: 85 MAP ID: 19

NAME: NO LOCATION AID  
ADDRESS: 33 MAIN ST  
BRIDGEWATER MA  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP

REV: 9/11/12  
ID1: 4-0017869  
ID2:  
STATUS: STMRIT  
PHONE:

ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 6/30/2004  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: PHASE 1  
RAO CLASS:  
ACT DATE: 6/30/2004  
ACT USE LIMITATION:  
ACT STATUS: TIER 2 CLASSIFICATION  
ACT TYPE: TIER CLASSIFICATION  
RAO CLASS:  
ACT DATE: 6/30/2004  
ACT USE LIMITATION:  
ACT STATUS: TRANSMITTAL RECEIVED  
ACT TYPE: TIER CLASSIFICATION  
RAO CLASS:  
ACT DATE: 1/7/2005  
ACT USE LIMITATION:  
ACT STATUS: SCOPE OF WORK RECEIVED  
ACT TYPE: PHASE 2  
RAO CLASS:  
ACT DATE: 6/30/2006  
ACT USE LIMITATION:  
ACT STATUS: RAO STATEMENT RECEIVED  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS:  
ACT DATE: 6/30/2006  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: PHASE 2  
RAO CLASS:  
ACT DATE: 9/7/2006  
ACT USE LIMITATION:  
ACT STATUS: TECHNICAL SCREEN AUDIT  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS:  
ACT DATE: 9/18/2006

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

Site Details Page - 123

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

UST

SEARCH ID: 58 DIST/DIR: 0.23 NW ELEVATION: 85 MAP ID: 19

NAME: CUMBERLAND FARMS #2109  
ADDRESS: 33 MAIN ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP

REV: 9/14/12  
ID1: 0-012959  
ID2: 23042  
STATUS: IN USE  
PHONE:

TOTAL NUMBER OF TANKS: 6  
OWNER INFORMATION  
OWNER NAME: CUMBERLAND FARMS INC  
OWNER ADDRESS: 100 CROSSING BLVD  
FRAMINGHAM MA 01702  
FACILITY TYPE: GAS STATION  
WORK PHONE: 800-725-9702  
INSPECTION DATE: 6/26/2012  
LAST UPDATED: 7/20/12  
TANK INFORMATION  
TANK NUMBER: 1  
TANK STATUS: REMOVED  
SERIAL NUMBER:  
ABOVE GROUND: N  
CAPACITY: GAL: 8000  
CONTENTS: GASOLINE  
USE: MV  
TANK MATERIAL: REINFORCED  
TANK TYPE: 2 WALLS  
LEAK DETECTION: Interstitial Monitoring  
PIPE MATERIAL: FLEXIBLE  
PIPE TYPE: 2 WALLS  
LEAK DETECTION: Product Line Leak Detector  
TANK NUMBER: 2  
TANK STATUS: REMOVED  
SERIAL NUMBER:  
ABOVE GROUND: N  
CAPACITY: GAL: 8000  
CONTENTS: GASOLINE  
USE: MV  
TANK MATERIAL: REINFORCED  
TANK TYPE: 2 WALLS  
LEAK DETECTION: Interstitial Monitoring  
PIPE MATERIAL: FLEXIBLE  
PIPE TYPE: 2 WALLS  
LEAK DETECTION: Product Line Leak Detector  
TANK NUMBER: 3  
TANK STATUS: REMOVED  
SERIAL NUMBER:  
ABOVE GROUND: N

- Continued on next page -

Site Details Page - 124

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

UST

SEARCH ID: 58 DIST/DIR: 0.23 NW ELEVATION: 85 MAP ID: 19

NAME: CUMBERLAND FARMS #2109  
ADDRESS: 33 MAIN ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP

REV: 9/14/12  
ID1: 0-012959  
ID2: 23042  
STATUS: IN USE  
PHONE:

CAPACITY: GAL: 8000  
CONTENTS: GASOLINE  
USE: MV  
TANK MATERIAL: CATHODIC  
TANK TYPE: 1 WALL  
LEAK DETECTION: Approved In-Tank Monitor  
PIPE MATERIAL: CATHODIC  
PIPE TYPE: 1 WALL  
LEAK DETECTION: Product Line Leak Detector  
TANK NUMBER: 4  
TANK STATUS: IN USE  
SERIAL NUMBER:  
ABOVE GROUND: N  
CAPACITY: GAL: 10000  
CONTENTS: GASOLINE  
USE: MV  
TANK MATERIAL: REINFORCED  
TANK TYPE: 2 WALLS  
LEAK DETECTION: Interstitial Monitoring  
PIPE MATERIAL: FLEXIBLE  
PIPE TYPE: 2 WALLS  
LEAK DETECTION: Interstitial Space Monitor  
TANK NUMBER: 5  
TANK STATUS: IN USE  
SERIAL NUMBER:  
ABOVE GROUND: N  
CAPACITY: GAL: 2000  
CONTENTS: GASOLINE  
USE: MV  
TANK MATERIAL: REINFORCED  
TANK TYPE: 2 WALLS  
LEAK DETECTION: Interstitial Monitoring  
PIPE MATERIAL: FLEXIBLE  
PIPE TYPE: 2 WALLS  
LEAK DETECTION: Interstitial Space Monitor  
TANK NUMBER: 6  
TANK STATUS: IN USE  
SERIAL NUMBER:  
ABOVE GROUND: N  
CAPACITY: GAL: 8000  
CONTENTS: GASOLINE  
USE: MV  
TANK MATERIAL: REINFORCED  
TANK TYPE: 2 WALLS

- Continued on next page -

Site Details Page - 125

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

UST

SEARCH ID: 58 DIST/DIR: 0.23 NW ELEVATION: 85 MAP ID: 19

NAME: CUMBERLAND FARMS #2109  
ADDRESS: 33 MAIN ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP

REV: 9/14/12  
ID1: 0-012959  
ID2: 23042  
STATUS: IN USE  
PHONE:

LEAK DETECTION: Interstitial Monitoring  
PIPE MATERIAL: FLEXIBLE  
PIPE TYPE: 2 WALLS  
LEAK DETECTION: Interstitial Space Monitor

Site Details Page - 126

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| LUST   |           |                |         |
|--|-----------|----------------|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION:     | MAP ID: |
| 74   | 0.23 NW   | 85             | 19      |
| NAME: NO LOCATION AID  |           | REV: 9/11/12   |         |
| ADDRESS: 33 MAIN ST<br>BRIDGEWATER MA<br>PLYMOUTH  |           | ID1: 4-0017869 |         |
| CONTACT: MA DEP  |           | ID2: STMRE1    |         |
| SOURCE: MA DEP   |           | PHONE:         |         |
| <p><b>SITE INFORMATION</b></p> <p>STATUS: STMRE1 - (Statement Retracted): An RAO Statement that had been submitted for the site has been retracted</p> <p>LTB: CONFIRMED</p> <p>DELETED: REMOVED</p> <p>LOCATION TYPE: COMMERCIAL</p> <p>SOURCE: UST</p> <p>CATEGORY: TWO HR</p> <p>SITE DESCRIPTION:</p> <p>CHEMICALS</p> <p>GASOLINE 145 PPM</p> <p><b>SITE ACTIONS</b></p> <p>LSP INVOLVED: KEVIN SHEEHAN</p> <p>ACT DATE: 6/23/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: ORAL APPROVAL OF PLAN</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS:</p> <p>ACT DATE: 6/23/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> <p>ACT TYPE: RELEASE DISPOSITION</p> <p>RAO CLASS:</p> <p>ACT DATE: 7/24/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: CORRESPONDENCE ISSUED</p> <p>ACT TYPE: NOTICE OF RESPONSIBILITY</p> <p>RAO CLASS:</p> <p>ACT DATE: 8/22/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: STATUS REPORT RECEIVED</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS:</p> <p>ACT DATE: 8/22/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: WRITTEN PLAN RECEIVED</p> |           |                |         |

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Site Details Page - 127

| LUST   |           |                |         |
|--|-----------|----------------|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION:     | MAP ID: |
| 74   | 0.23 NW   | 85             | 19      |
| NAME: NO LOCATION AID  |           | REV: 9/11/12   |         |
| ADDRESS: 33 MAIN ST<br>BRIDGEWATER MA<br>PLYMOUTH  |           | ID1: 4-0017869 |         |
| CONTACT: MA DEP  |           | ID2: STMRE1    |         |
| SOURCE: MA DEP   |           | PHONE:         |         |
| <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS:</p> <p>ACT DATE: 8/22/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> <p>ACT TYPE: RELEASE NOTIFICATION</p> <p>RAO CLASS:</p> <p>ACT DATE: 9/9/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: ORAL APPROVAL OF PLAN</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS:</p> <p>ACT DATE: 9/19/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: FOLLOW UP OFFICE RESPONSE</p> <p>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION</p> <p>RAO CLASS:</p> <p>ACT DATE: 9/29/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: FOLLOW UP OFFICE RESPONSE</p> <p>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION</p> <p>RAO CLASS:</p> <p>ACT DATE: 9/29/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: ORAL APPROVAL OF PLAN</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS:</p> <p>ACT DATE: 12/10/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: COMPLETION STATEMENT RECEIVED</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS:</p> <p>ACT DATE: 12/10/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: WRITTEN PLAN RECEIVED</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS:</p> <p>ACT DATE: 12/10/2003</p> <p>ACT USE LIMITATION:</p> |           |                |         |

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Site Details Page - 128

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| LUST  |           |                |         |
|---|-----------|----------------|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:     | MAP ID: |
| 74  | 0.23 NW   | 85             | 19      |
| NAME: NO LOCATION AID   |           | REV: 9/11/12   |         |
| ADDRESS: 33 MAIN ST<br>BRIDGEWATER MA<br>PLYMOUTH   |           | ID1: 4-0017869 |         |
| CONTACT: MA DEP   |           | ID2: STMRE1    |         |
| SOURCE: MA DEP  |           | PHONE:         |         |
| <p>ACT STATUS: STATUS REPORT RECEIVED</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS:</p> <p>ACT DATE: 6/30/2004</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: TIER 2 CLASSIFICATION</p> <p>ACT TYPE: TIER CLASSIFICATION</p> <p>RAO CLASS:</p> <p>ACT DATE: 6/30/2004</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: TRANSMITTAL RECEIVED</p> <p>ACT TYPE: TIER CLASSIFICATION</p> <p>RAO CLASS:</p> <p>ACT DATE: 6/30/2004</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: COMPLETION STATEMENT RECEIVED</p> <p>ACT TYPE: PHASE 1</p> <p>RAO CLASS:</p> <p>ACT DATE: 3/7/2005</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: SCOPE OF WORK RECEIVED</p> <p>ACT TYPE: PHASE 2</p> <p>RAO CLASS:</p> <p>ACT DATE: 6/30/2006</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: RAO STATEMENT RECEIVED</p> <p>ACT TYPE: RESPONSE ACTION OUTCOME - RAO</p> <p>RAO CLASS:</p> <p>ACT DATE: 6/30/2006</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: COMPLETION STATEMENT RECEIVED</p> <p>ACT TYPE: PHASE 2</p> <p>RAO CLASS:</p> <p>ACT DATE: 9/7/2006</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: TECHNICAL SCREEN AUDIT</p> <p>ACT TYPE: RESPONSE ACTION OUTCOME - RAO</p> <p>RAO CLASS:</p> <p>ACT DATE: 9/18/2008</p> |           |                |         |

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

Site Details Page - 129

| STATE   |           |                |         |
|---|-----------|----------------|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:     | MAP ID: |
| 22  | 0.23 NE   | 41             | 20      |
| NAME: SPRING ST DPW   |           | REV: 9/11/12   |         |
| ADDRESS: SPRING ST<br>BRIDGEWATER MA  |           | ID1: 4-0012993 |         |
| CONTACT: MA DEP   |           | ID2: URAM      |         |
| SOURCE: MA DEP  |           | PHONE:         |         |
| <p><b>SITE INFORMATION</b></p> <p>LOCATION TYPE:</p> <p>SOURCE:</p> <p>CATEGORY: 120 DY</p> <p>SITE DESCRIPTION:</p> <p>CHEMICALS</p> <p>PETROLEUM 2310 PPM</p> <p><b>SITE ACTIONS</b></p> <p>LSP INVOLVED: COSMO GALLINARO</p> <p>ACT DATE: 3/14/1997</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> <p>ACT TYPE: RELEASE DISPOSITION</p> <p>RAO CLASS:</p> <p>ACT DATE: 4/28/1997</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: NOTIFICATION OF URAM RECEIVED</p> <p>ACT TYPE: UTILITY-RELATED ABATEMENT MEASURE</p> <p>RAO CLASS:</p> <p>ACT DATE: 4/28/1997</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> <p>ACT TYPE: RELEASE NOTIFICATION</p> <p>RAO CLASS:</p> <p>ACT DATE: 7/2/1997</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: COMPLETION STATEMENT RECEIVED</p> <p>ACT TYPE: UTILITY-RELATED ABATEMENT MEASURE</p> <p>RAO CLASS:</p> |           |                |         |

Site Details Page - 130

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS   |                   |               |            |
|--|-------------------|---------------|------------|
| SEARCH ID: 50  | DIST/DIR: 0.23 NE | ELEVATION: 41 | MAP ID: 20 |
| NAME: SPRING ST DPW  | REV: 9/11/12      |               |            |
| ADDRESS: SPRING ST   | ID1: 4-0012993    |               |            |
| BRIDGEWATER MA   | ID2: 42-1086      |               |            |
| CONTACT: MA DEP  | STATUS: URAM      |               |            |
| SOURCE: MA DEP   | PHONE:            |               |            |
| <b>SITE INFORMATION</b><br>LOCATION TYPE:<br>SOURCE:<br>CATEGORY: 120 DY<br>SITE DESCRIPTION:  |                   |               |            |
| <b>CHEMICALS</b><br>PETROLEUM 2310 PPM   |                   |               |            |
| <b>SITE ACTIONS</b><br>LSP INVOLVED: COSMO GALLINARO<br>ACT DATE: 3/14/1997<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE DISPOSITION<br>RAO CLASS:<br>ACT DATE: 4/28/1997<br>ACT USE LIMITATION:<br>ACT STATUS: NOTIFICATION OF URAM RECEIVED<br>ACT TYPE: UTILITY-RELATED ABATEMENT MEASURE<br>RAO CLASS:<br>ACT DATE: 4/28/1997<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE NOTIFICATION<br>RAO CLASS:<br>ACT DATE: 7/2/1997<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLETION STATEMENT RECEIVED<br>ACT TYPE: UTILITY-RELATED ABATEMENT MEASURE<br>RAO CLASS: |                   |               |            |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| ACEC   |                         |            |            |
|--|-------------------------|------------|------------|
| SEARCH ID: 77  | DIST/DIR: 0.23 NE       | ELEVATION: | MAP ID: 21 |
| NAME: BRIDGEWATER STATE COLLEGE  | REV: 7/16/12            |            |            |
| ADDRESS: MA  | ID1: MA05-42-1086-36110 |            |            |
|  | ID2: 42-1086            |            |            |
| CONTACT: MASSGIS   | STATUS: OPEN SPACE      |            |            |
| SOURCE: MASSGIS  | PHONE:                  |            |            |
| <b>SITE INFORMATION</b><br>SITE NAME: BRIDGEWATER STATE COLLEGE<br>TOWN: 42<br>OWNER: COMMONWEALTH OF MASSACHUSETTS<br>OWNER NAME ABBREVIATION: S<br>MANAGER: BRIDGEWATER STATE COLLEGE<br>MANAGER NAME ABBREVIATION: BSC<br>MANAGER TYPE: S<br>PRIMARY PURPOSE: RECREATION<br>PUBLIC ACCESS: FULL PUBLIC ACCESS<br>PROTECTION LEVEL: LIMITED<br>ENTERPRISE HOLDING INTEREST:<br>ENTERPRISE ABBREVIATION:<br>INTEREST:<br>TYPE:<br>ENTERPRISE HOLDING INTEREST:<br>ENTERPRISE ABBREVIATION:<br>TYPE:<br>ENTERPRISE HOLDING INTEREST:<br>ENTERPRISE ABBREVIATION:<br>TYPE:<br>INTEREST:<br>GRANT PROGRAM:<br>GRANT TYPE:<br>GRANT PROGRAM 2:<br>GRANT TYPE 2: |                         |            |            |
| PROJECT ID 1:<br>PROJECT ID 2:<br>PROJECT ID 3:<br>LOCAL INVOLV:<br>ARTICLE 97.9<br>BOND ACCT:<br>GIS ACRES: 18.0348<br>CAL DATE RECORDED:<br>DEED ACRES: 0<br>OS DEED BOOK: 0<br>OS DEED PAGE: 0<br>ASSESS ACRES: 16<br>ASSESS MAP: 22<br>ASSESS BLC:<br>PROJECT ID 1:<br>ASSESS LOT: 44<br>ASSESS SUB:<br>ALT SITE NAME:   |                         |            |            |

- Continued on next page -

Site Details Page - 132

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| ACEC   |                         |            |            |
|--|-------------------------|------------|------------|
| SEARCH ID: 77  | DIST/DIR: 0.23 NE       | ELEVATION: | MAP ID: 21 |
| NAME: BRIDGEWATER STATE COLLEGE  | REV: 7/16/12            |            |            |
| ADDRESS: MA  | ID1: MA05-42-1086-36110 |            |            |
|  | ID2: 42-1086            |            |            |
| CONTACT: MASSGIS   | STATUS: OPEN SPACE      |            |            |
| SOURCE: MASSGIS  | PHONE:                  |            |            |
| ACT DATE: 19950324<br>BASE MAP: 42-2<br>SOURCE MAP: 1<br>COMMENTS:<br>LOCATION ID:<br>DCAM ID: 0<br>FEE SYM: COM<br>INT SYM: |                         |            |            |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| SPILLS  |                   |               |            |
|---|-------------------|---------------|------------|
| SEARCH ID: 41   | DIST/DIR: 0.24 NW | ELEVATION: 52 | MAP ID: 22 |
| NAME: LO WHITE PTY FMR  | REV: 9/11/12      |               |            |
| ADDRESS: 95 SPRING ST   | ID1: 4-0012577    |               |            |
| BRIDGEWATER MA  | ID2: 42-1086      |               |            |
| PLYMOUTH  | STATUS: RAO       |               |            |
| CONTACT: MA DEP   | PHONE:            |               |            |
| SOURCE: MA DEP  |                   |               |            |
| <b>SITE INFORMATION</b><br>STATUS: RAO - (Response Action Outcome): a state release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.<br>ITR: CONFIRMED<br>DELETED: REMOVED:  |                   |               |            |
| <b>LOCATION TYPE:</b> STATE,<br><b>SOURCE:</b> UST,<br><b>CATEGORY:</b> TWO HR<br><b>SITE DESCRIPTION:</b>  |                   |               |            |
| <b>CHEMICALS</b><br>NO FUEL OIL   |                   |               |            |
| <b>SITE ACTIONS</b><br>LSP INVOLVED: ANDRE BISSENETTE<br>ACT DATE: 10/17/1996<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE DISPOSITION<br>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED<br>ACT DATE: 11/21/1996<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE NOTIFICATION<br>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED<br>ACT DATE: 11/21/1996<br>ACT USE LIMITATION:<br>ACT STATUS: WRITTEN PLAN RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED<br>ACT DATE: 12/10/1996<br>ACT USE LIMITATION:<br>ACT STATUS: FOLLOW UP OFFICE RESPONSE<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED<br>ACT DATE: 12/11/1996<br>ACT USE LIMITATION:<br>ACT STATUS: WRITTEN APPROVAL OF PLAN |                   |               |            |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

SPILLS

SEARCH ID: 41 DIST/DIR: 0.24 NW ELEVATION: 52 MAP ID: 22

NAME: LO WHITE PTY FMR  
ADDRESS: 95 SPRING ST  
BRIDGEWATER MA  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP

REV: 9/11/12  
ID1: 4-0012537  
ID2:  
STATUS: RAO  
PHONE:

ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED  
ACT DATE: 1/6/1997  
ACT USE LIMITATION:  
ACT STATUS: RLFA - COMPLIANCE FIELD RESPONSE - ANNOUNCED  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED  
ACT DATE: 1/6/1997  
ACT USE LIMITATION:  
ACT STATUS: RLFA - FOLLOW-UP OR OTHER FIELD RESPONSE  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED  
ACT DATE: 1/10/1997  
ACT USE LIMITATION:  
ACT STATUS: FOLLOW UP OFFICE RESPONSE  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED  
ACT DATE: 3/28/1997  
ACT USE LIMITATION:  
ACT STATUS: RAO STATEMENT RECEIVED  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

LUST

SEARCH ID: 72 DIST/DIR: 0.24 NW ELEVATION: 52 MAP ID: 22

NAME: LO WHITE PTY FMR  
ADDRESS: 95 SPRING ST  
BRIDGEWATER MA  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP

REV: 9/11/12  
ID1: 4-0012537  
ID2:  
STATUS: RAO  
PHONE:

SITE INFORMATION  
STATUS: RAO - (Response Action Outcome) a site release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.  
LTBI: CONFIRMED:  
DELETED: REMOVED:  
LOCATION TYPE: STATE,  
SOURCE: LUST,  
CATEGORY: TWO HR  
SITE DESCRIPTION:  
CHEMICALS  
NO FUEL OIL  
SITE ACTIONS  
LSP INVOLVED: ANDRE BISSONNETTE  
ACT DATE: 10/17/1996  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE NOTIFICATION  
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED  
ACT DATE: 11/21/1996  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE NOTIFICATION  
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED  
ACT DATE: 11/21/1996  
ACT USE LIMITATION:  
ACT STATUS: WRITTEN PLAN RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED  
ACT DATE: 12/10/1996  
ACT USE LIMITATION:  
ACT STATUS: FOLLOW UP OFFICE RESPONSE  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED  
ACT DATE: 12/11/1996  
ACT USE LIMITATION:  
ACT STATUS: WRITTEN APPROVAL OF PLAN

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

LUST

SEARCH ID: 72 DIST/DIR: 0.24 NW ELEVATION: 52 MAP ID: 22

NAME: LO WHITE PTY FMR  
ADDRESS: 95 SPRING ST  
BRIDGEWATER MA  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP

REV: 9/11/12  
ID1: 4-0012537  
ID2:  
STATUS: RAO  
PHONE:

ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED  
ACT DATE: 1/6/1997  
ACT USE LIMITATION:  
ACT STATUS: RLFA - FOLLOW-UP OR OTHER FIELD RESPONSE  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED  
ACT DATE: 1/6/1997  
ACT USE LIMITATION:  
ACT STATUS: RLFA - COMPLIANCE FIELD RESPONSE - ANNOUNCED  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED  
ACT DATE: 1/10/1997  
ACT USE LIMITATION:  
ACT STATUS: FOLLOW UP OFFICE RESPONSE  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS: A1 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS BEEN REDUCED TO BACKGROUND OR A THREAT OF A RELEASE HAS BEEN ELIMINATED  
ACT DATE: 3/28/1997  
ACT USE LIMITATION:  
ACT STATUS: RAO STATEMENT RECEIVED  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

ACEC

SEARCH ID: 76 DIST/DIR: 0.25 SE ELEVATION: MAP ID: 23

NAME: BRIDGEWATER STATE COLLEGE  
ADDRESS: MA  
CONTACT: MASSGIS  
SOURCE: MASSGIS

REV: 7/6/12  
ID1: MA05-42-1084-36145  
ID2: 42-1084  
STATUS: OPEN SPACE  
PHONE:

SITE INFORMATION  
SITE NAME: BRIDGEWATER STATE COLLEGE  
TOWN: 42  
OWNER: COMMONWEALTH OF MASSACHUSETTS  
OWNER NAME ABBREVIATION: S  
MANAGER: BRIDGEWATER STATE COLLEGE  
MANAGER NAME ABBREVIATION: BSC  
MANAGER TYPE: S  
PRIMARY PURPOSE: RECREATION  
PUBLIC ACCESS: FULL PUBLIC ACCESS  
PROTECTION LEVEL: LIMITED  
ENTERPRISE HOLDING INTEREST:  
ENTERPRISE ABBREVIATION:  
INTEREST:  
ENTERPRISE HOLDING INTEREST:  
ENTERPRISE ABBREVIATION:  
TYPE:  
INTEREST:  
GRANT PROGRAM:  
GRANT TYPE:  
GRANT PROGRAM 2:  
GRANT TYPE 2:  
PROJECT ID 1:  
PROJECT ID 2:  
PROJECT ID 3:  
EOEA INVOLV:  
ARTICLE 91A  
BOND ACCT:  
GAS ACRES: 3.70302  
CAL DATE RECORDED:  
DEED ACRES: 0  
OS DEED BOOK: 0  
OS DEED PAGE: 0  
ASSESS ACRES: 0.18  
ASSESS MAP: 35  
ASSESS BLK:  
PROJECT ID 1:  
ASSESS LOT: 26.28  
ASSESS SUB:  
ALT SITE NAME:

- Continued on next page -

Site Details Page - 138

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| ACEC   |                    |              |              |
|--|--------------------|--------------|--------------|
| SEARCH ID: 76  | DIST/DIR: 0.25 SE  | ELEVATION:   | MAP ID: 23   |
| NAME: BRIDGEWATER STATE COLLEGE  | REV: 7/6/12        | ID1: 42-1084 | ID2: 42-1084 |
| ADDRESS: MA  | STATUS: OPEN SPACE | PHONE:       |              |
| CONTACT: MASSGIS   |                    |              |              |
| ATT DATE: 1/9/2012<br>BASE MAP: 42-2<br>SOURCE MAP: 1<br>COMMENTS:<br>LOCATION ID:<br>DCAM ID: 0<br>FEE SYM COM:<br>INT SYM: |                    |              |              |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE   |                   |                |                |
|---|-------------------|----------------|----------------|
| SEARCH ID: 17   | DIST/DIR: 0.28 NW | ELEVATION: 53  | MAP ID: 24     |
| NAME: NO LOCATION AID   | REV: 9/11/12      | ID1: 4-0017546 | ID2: 4-0017546 |
| ADDRESS: 155 BROAD ST<br>BRIDGEWATER MA<br>PLYMOUTH   | STATUS: RAO       | PHONE:         |                |
| CONTACT: MA DEP   |                   |                |                |
| SITE INFORMATION<br>STATUS: RAO. (Response Action Outcome) a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.<br>LOCATION TYPE:<br>SOURCE:<br>CATEGORY: 120 DY<br>SITE DESCRIPTION:<br>CHEMICALS<br>CS THRU CB ALIPHATIC HYDROCARBONS 330 PPM<br>CY THRU C10 AROMATIC HYDROCARBONS 2100 PPM<br>SITE ACTIONS<br>ACT DATE: 12/20/2002<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE NOTIFICATION<br>RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS.<br>ACT DATE: 12/20/2002<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE DISPOSITION<br>RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS.<br>ACT DATE: 9/19/2003<br>ACT USE LIMITATION:<br>ACT STATUS: CORRESPONDENCE ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS.<br>ACT DATE: 9/19/2003<br>ACT USE LIMITATION:<br>ACT STATUS: INTERIM DEADLINE LETTER ISSUED<br>ACT TYPE: COMPLIANCE AND ENFORCEMENT<br>RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS.<br>ACT DATE: 9/19/2003<br>ACT USE LIMITATION:<br>ACT STATUS: REQUEST FOR INFORMATION ISSUED<br>ACT TYPE: COMPLIANCE AND ENFORCEMENT<br>RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS.<br>ACT DATE: 6/17/2004 |                   |                |                |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE   |                   |                |                |
|---|-------------------|----------------|----------------|
| SEARCH ID: 17   | DIST/DIR: 0.28 NW | ELEVATION: 53  | MAP ID: 24     |
| NAME: NO LOCATION AID   | REV: 9/11/12      | ID1: 4-0017546 | ID2: 4-0017546 |
| ADDRESS: 155 BROAD ST<br>BRIDGEWATER MA<br>PLYMOUTH   | STATUS: RAO       | PHONE:         |                |
| CONTACT: MA DEP   |                   |                |                |
| ACT USE LIMITATION:<br>ACT STATUS: NOTICE OF NON-COMPLIANCE ISSUED<br>ACT TYPE: COMPLIANCE AND ENFORCEMENT<br>RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS.<br>ACT DATE: 6/5/2007<br>ACT USE LIMITATION:<br>ACT STATUS: NOTICE OF NON-COMPLIANCE ISSUED<br>ACT TYPE: COMPLIANCE AND ENFORCEMENT<br>RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS.<br>ACT DATE: 3/22/2010<br>ACT USE LIMITATION:<br>ACT STATUS: NOTICE OF NON-COMPLIANCE ISSUED<br>ACT TYPE: COMPLIANCE AND ENFORCEMENT<br>RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS.<br>ACT DATE: 7/8/2010<br>ACT USE LIMITATION:<br>ACT STATUS: RLFA - COMPLIANCE FIELD RESPONSE - ANNOUNCED<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS.<br>ACT DATE: 2/13/2012<br>ACT USE LIMITATION:<br>ACT STATUS: INTERIM DEADLINE LETTER ISSUED<br>ACT TYPE: COMPLIANCE AND ENFORCEMENT<br>RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS.<br>ACT DATE: 5/15/2012<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLIANCE ORDER WITHOUT PENALTY<br>ACT TYPE: COMPLIANCE AND ENFORCEMENT<br>RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS.<br>ACT DATE: 5/23/2012<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLETION STATEMENT RECEIVED<br>ACT TYPE: NAME/DATA RESPONSE ACTION<br>RAO CLASS: B1 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS.<br>ACT DATE: 5/23/2012<br>ACT USE LIMITATION:<br>ACT STATUS: RAO STATEMENT RECEIVED<br>ACT TYPE: RESPONSE ACTION OUTCOME - RAO |                   |                |                |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| LUST   |                   |                |                |
|--|-------------------|----------------|----------------|
| SEARCH ID: 65  | DIST/DIR: 0.28 NW | ELEVATION: 53  | MAP ID: 24     |
| NAME: BRIDGEWATER CTOGO STATION  | REV: 9/11/12      | ID1: 4-0000296 | ID2: 4-0000296 |
| ADDRESS: 155 BROAD ST<br>BRIDGEWATER MA 02324<br>PLYMOUTH  | STATUS: RAO       | PHONE:         |                |
| CONTACT: MA DEP  |                   |                |                |
| SITE INFORMATION<br>STATUS: RAO. (Response Action Outcome) a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.<br>LTBI: 1/15/1987/CONFIRMED: 1/15/1991<br>DELETED: REMOVED<br>LTBI: CONFIRMED:<br>DELETED: REMOVED:<br>LOCATION TYPE: GAS STATION,<br>SOURCE: LUST,<br>CATEGORY: NONE<br>SITE DESCRIPTION: GROUNDWATER RELEASE: GASOLINE PRESENT: GAS STATION: CONTAINED IN A LUST: RELEASE TO SOIL:<br>OTHER CONTAMINATION:<br>OTHER RELEASES:<br>OTHER PROBLEMS:<br>OTHER TYPE OF SITE:<br>CHEMICALS<br>UNKNOWN<br>SITE ACTIONS<br>TS DATE: 5/21/1997<br>AUL RESTRICTION:<br>LSP: ROBERT CATALDO<br>RA STATUS: TRANSMITTAL RECEIVED<br>RAS TYPE: TIER2X1<br>RAO CLASS:<br>TS DATE: 3/27/1998<br>AUL RESTRICTION:<br>LSP: CHARLES KLINGER<br>RA STATUS: TRANSMITTAL RECEIVED<br>RAS TYPE: TIER2X1<br>RAO CLASS:<br>TS DATE: 7/7/1998<br>AUL RESTRICTION: NON<br>LSP: ROBERT CATALDO<br>RA STATUS: RAO STATEMENT RECEIVED<br>RAS TYPE: RESPONSE ACTION OUTCOME - RAO<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND<br>TS DATE: 7/7/1998 |                   |                |                |

- Continued on next page -

Site Details Page - 142

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

LUST

SEARCH ID: 65 DIST/DIR: 0.28 NW ELEVATION: 53 MAP ID: 24

NAME: BRIDGEWATER CITGO STATION  
ADDRESS: 155 BROAD ST  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE:

REV: 9/11/12  
ID1: 4-0003296  
ID2: RAO  
STATUS: RAO  
PHONE:

AUL RESTRICTION:  
LSP: ROBERT CATALDO  
RA STATUS: COMPLETION STATEMENT RECEIVED  
RAS TYPE: PHASE 1  
RAO CLASS:

TS DATE: 5/13/1996  
AUL RESTRICTION:  
LSP: CHARLES KLINGLER  
RA STATUS:  
RAS TYPE: TIER 2 EXT  
RAO CLASS:

ACT DATE: 1/15/1987  
ACT USE LIMITATION:  
ACT STATUS: VALUED TRANSITION SITE  
ACT TYPE: RELEASE DISPOSITION  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 10/23/1989  
ACT USE LIMITATION:  
ACT STATUS: TRANSITION REGULATIONS  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 11/26/1990  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 4/23/1991  
ACT USE LIMITATION:  
ACT STATUS: WAIVER SIGNED OR APPROVED  
ACT TYPE: TRANSITION REGULATIONS  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 5/13/1991  
ACT USE LIMITATION:  
ACT STATUS: WAIVER ACCEPTED  
ACT TYPE: TRANSITION REGULATIONS  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 5/13/1991  
ACT USE LIMITATION:  
ACT STATUS: TRANSMITTAL RECEIVED  
ACT TYPE: TIER CLASSIFICATION

- Continued on next page -

Site Details Page - 143

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

LUST

SEARCH ID: 65 DIST/DIR: 0.28 NW ELEVATION: 53 MAP ID: 24

NAME: BRIDGEWATER CITGO STATION  
ADDRESS: 155 BROAD ST  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE:

REV: 9/11/12  
ID1: 4-0003296  
ID2: RAO  
STATUS: RAO  
PHONE:

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

ACT DATE: 5/13/1996  
ACT USE LIMITATION:  
ACT STATUS: TIER 2 CLASSIFICATION  
ACT TYPE: TIER CLASSIFICATION  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 5/13/1996  
ACT USE LIMITATION:  
ACT STATUS: TIER 2 EXTENSION  
ACT TYPE: TIER CLASSIFICATION  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 5/21/1997  
ACT USE LIMITATION:  
ACT STATUS: TIER 2 EXTENSION  
ACT TYPE: TIER CLASSIFICATION  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 3/27/1998  
ACT USE LIMITATION:  
ACT STATUS: TIER 2 EXTENSION  
ACT TYPE: TIER CLASSIFICATION  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 7/7/1998  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: PHASE 2  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 7/7/1998  
ACT USE LIMITATION:  
ACT STATUS: RAO STATEMENT RECEIVED  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 7/28/1998  
ACT USE LIMITATION:  
ACT STATUS: REQUEST FOR INFORMATION ISSUED  
ACT TYPE: COMPLIANCE AND ENFORCEMENT  
RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND

ACT DATE: 7/28/1998  
ACT USE LIMITATION:  
ACT STATUS: WRITTEN NOTICE OF AUDIT

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

Site Details Page - 144

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

STATE

SEARCH ID: 9 DIST/DIR: 0.31 SW ELEVATION: 92 MAP ID: 25

NAME: GIBBS GAS STA  
ADDRESS: 124 BROAD ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE:

REV: 9/11/12  
ID1: 4-0018998  
ID2: RAO  
STATUS: RAO  
PHONE:

SITE INFORMATION

STATUS: RAO - (Response Action Outcome) a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.

LOCATION TYPE  
SOURCE  
CATEGORY: 120 DY  
SITE DESCRIPTION

CHEMICALS

NAPHTHALENE 14 PPM  
CS THRU C10 ALIPHATIC HYDROCARBONS 580 PPM  
CV THRU C10 AROMATIC HYDROCARBONS 660 PPM

SITE ACTIONS

LSP INVOLVED: THOMAS SIMMONS

ACT DATE: 3/22/2005  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE DISPOSITION  
RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED

ACT DATE: 3/22/2005  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE NOTIFICATION  
RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED

ACT DATE: 6/23/2005  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED

ACT DATE: 6/27/2006  
ACT USE LIMITATION:  
ACT STATUS: TRANSMITTAL RECEIVED  
ACT TYPE: ACTIVITY AND USE LIMITATION  
RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED

ACT DATE: 6/27/2006  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: PHASE 1

- Continued on next page -

Site Details Page - 145

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

STATE

SEARCH ID: 9 DIST/DIR: 0.31 SW ELEVATION: 92 MAP ID: 25

NAME: GIBBS GAS STA  
ADDRESS: 124 BROAD ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE:

REV: 9/11/12  
ID1: 4-0018998  
ID2: RAO  
STATUS: RAO  
PHONE:

RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED.

ACT DATE: 6/27/2006  
ACT USE LIMITATION:  
ACT STATUS: RAO STATEMENT RECEIVED  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED.

ACT DATE: 7/3/2006  
ACT USE LIMITATION:  
ACT STATUS: FEE RECEIVED-FMCA USE ONLY  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED.

ACT DATE: 7/15/2008  
ACT USE LIMITATION:  
ACT STATUS: TECHNICAL SCREEN AUDIT  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED

ACT DATE: 3/20/2008  
ACT USE LIMITATION:  
ACT STATUS: TECHNICAL SCREEN AUDIT  
ACT TYPE: ACTIVITY AND USE LIMITATION  
RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED.

ACT DATE: 10/1/2008  
ACT USE LIMITATION:  
ACT STATUS: RFA - COMPLIANCE FIELD RESPONSE - UNANNOUNCED  
ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  
RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED.

ACT DATE: 1/30/2009  
ACT USE LIMITATION:  
ACT STATUS: ALERT INSPECTION  
ACT TYPE: ACTIVITY AND USE LIMITATION  
RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED.

ACT DATE: 1/30/2009  
ACT USE LIMITATION:  
ACT STATUS: NOA FINDING - NON - VIOLATIONS WITH FOLLOW-UP  
ACT TYPE: ALERT COMMUNICATION AND CORRESPONDENCE  
RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED

ACT DATE: 4/7/2009  
ACT USE LIMITATION:  
ACT STATUS: TRANSMITTAL RECEIVED

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Site Details Page - 146



Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE   |                   |                |            |
|---|-------------------|----------------|------------|
| SEARCH ID: 9  | DIST/DIR: 0.31 SW | ELEVATION: 92  | MAP ID: 25 |
| NAME: GIBBS GAS STA   | REV: 9/11/12      | ID1: 4-0018998 | ID2: RAO   |
| ADDRESS: 124 BROAD ST<br>BRIDGEWATER MA 02324   | STATUS: RAO       | PHONE:         |            |
| CONTACT: MA DEP   |                   |                |            |
| <p>ACT TYPE: ACTIVITY AND USE LIMITATION<br/>RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED.</p> <p>ACT DATE: 4/7/2009<br/>ACT USE LIMITATION:<br/>ACT STATUS: ACTION STATUS OR AUL TERMINATED<br/>ACT TYPE: ACTIVITY AND USE LIMITATION<br/>RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED.</p> <p>ACT DATE: 4/7/2009<br/>ACT USE LIMITATION:<br/>ACT STATUS: AUDIT FOLLOW-UP COMPLETION STATEMENT RECEIVED<br/>ACT TYPE: AUDIT COMMUNICATION AND CORRESPONDENCE<br/>RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED.</p> <p>ACT DATE: 5/6/2009<br/>ACT USE LIMITATION:<br/>ACT STATUS: LEGAL NOTICE PUBLISHED<br/>ACT TYPE: ACTIVITY AND USE LIMITATION<br/>RAO CLASS: B2 - REMEDIAL ACTIONS HAVE NOT BEEN CONDUCTED BECAUSE A LEVEL OF NO SIGNIFICANT RISK EXISTS, BUT THAT LEVEL IS CONTINGENT UPON ONE OR MORE AULS THAT HAVE BEEN IMPLEMENTED.</p> <p>ACT DATE: 7/8/2010<br/>ACT USE LIMITATION:<br/>ACT STATUS: RLFA - COMPLIANCE FIELD RESPONSE - ANNOUNCED<br/>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION</p> |                   |                |            |

Site Details Page - 147

| STATE  |                   |                |            |
|--|-------------------|----------------|------------|
| SEARCH ID: 7   | DIST/DIR: 0.35 NW | ELEVATION: 58  | MAP ID: 26 |
| NAME: FORMER GEORGE E KEITH  | REV: 9/11/12      | ID1: 4-0019530 | ID2: RAO/R |
| ADDRESS: 31 PERKINS ST<br>BRIDGEWATER MA<br>PLYMOUTH   | STATUS: RAO/R     | PHONE:         |            |
| CONTACT: MA DEP  |                   |                |            |
| <p>SITE INFORMATION<br/>STATUS: RAO/R - Response action outcome not required</p> <p>LOCATION TYPE: COMMERCIAL<br/>SOURCE: US1<br/>CATEGORY: 22 HR<br/>SITE DESCRIPTION:</p> <p>CHEMICALS<br/>#6 FUEL OIL, 5 INCH</p> <p>SITE ACTIONS<br/>LSP INVOLVED: 5323</p> <p>ACT DATE: 10/31/2011<br/>ACT USE LIMITATION:<br/>LSP:<br/>ACT STATUS: LINKED TO A TIER CLASSIFIED SITE<br/>LINKED SITE ID: 4-0020777<br/>ACT TYPE: RAO NOT REQUIRED<br/>RAO CLASS:</p> <p>ACT DATE: 3/4/1992<br/>ACT USE LIMITATION:<br/>ACT STATUS: TRANSMITTAL RECEIVED<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS:</p> <p>ACT DATE: 9/11/1996<br/>ACT USE LIMITATION:<br/>ACT STATUS: TIER 2 TRANSFER<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS:</p> <p>ACT DATE: 3/4/1997<br/>ACT USE LIMITATION:<br/>ACT STATUS: TIER 2 CLASSIFICATION<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS:</p> <p>ACT DATE: 4/12/2005<br/>ACT USE LIMITATION:<br/>ACT STATUS: TIER 2 EXTENSION<br/>ACT TYPE: TIER CLASSIFICATION</p> |                   |                |            |

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Site Details Page - 148

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE   |                   |                |            |
|---|-------------------|----------------|------------|
| SEARCH ID: 7  | DIST/DIR: 0.35 NW | ELEVATION: 58  | MAP ID: 26 |
| NAME: FORMER GEORGE E KEITH   | REV: 9/11/12      | ID1: 4-0019530 | ID2: RAO/R |
| ADDRESS: 31 PERKINS ST<br>BRIDGEWATER MA<br>PLYMOUTH  | STATUS: RAO/R     | PHONE:         |            |
| CONTACT: MA DEP   |                   |                |            |
| <p>RAO CLASS:</p> <p>ACT DATE: 4/12/2005<br/>ACT USE LIMITATION:<br/>ACT STATUS: TIER 2 TRANSFER<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS:</p> <p>ACT DATE: 12/16/2005<br/>ACT USE LIMITATION:<br/>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br/>ACT TYPE: RELEASE DISPOSITION<br/>RAO CLASS:</p> <p>ACT DATE: 12/16/2005<br/>ACT USE LIMITATION:<br/>ACT STATUS: ORAL APPROVAL OF PLAN<br/>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>ACT DATE: 1/4/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: CORRESPONDENCE ISSUED<br/>ACT TYPE: NOTICE OF RESPONSIBILITY<br/>RAO CLASS:</p> <p>ACT DATE: 2/14/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: WRITTEN PLAN RECEIVED<br/>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>ACT DATE: 2/14/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br/>ACT TYPE: RELEASE NOTIFICATION<br/>RAO CLASS:</p> <p>ACT DATE: 2/21/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: TECHNICAL SCREEN AUDIT<br/>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>ACT DATE: 4/14/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: STATUS REPORT RECEIVED</p> |                   |                |            |

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| STATE   |                   |                |            |
|---|-------------------|----------------|------------|
| SEARCH ID: 7  | DIST/DIR: 0.35 NW | ELEVATION: 58  | MAP ID: 26 |
| NAME: FORMER GEORGE E KEITH   | REV: 9/11/12      | ID1: 4-0019530 | ID2: RAO/R |
| ADDRESS: 31 PERKINS ST<br>BRIDGEWATER MA<br>PLYMOUTH  | STATUS: RAO/R     | PHONE:         |            |
| CONTACT: MA DEP   |                   |                |            |
| <p>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>ACT DATE: 5/1/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: TECHNICAL SCREEN AUDIT<br/>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>ACT DATE: 3/4/2007<br/>ACT USE LIMITATION:<br/>ACT STATUS: NOTICE OF NON-COMPLIANCE ISSUED<br/>ACT TYPE: COMPLIANCE AND ENFORCEMENT<br/>RAO CLASS:</p> <p>ACT DATE: 5/9/2007<br/>ACT USE LIMITATION:<br/>ACT STATUS: COMPLETION STATEMENT RECEIVED<br/>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>ACT DATE: 5/15/2007<br/>ACT USE LIMITATION:<br/>ACT STATUS: TIER 2 CLASSIFICATION<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS:</p> <p>ACT DATE: 5/15/2007<br/>ACT USE LIMITATION:<br/>ACT STATUS: TRANSMITTAL RECEIVED<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS:</p> <p>ACT DATE: 1/3/2008<br/>ACT USE LIMITATION:<br/>ACT STATUS: RAO STATEMENT RECEIVED<br/>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br/>RAO CLASS:</p> <p>ACT DATE: 4/4/2008<br/>ACT USE LIMITATION:<br/>ACT STATUS: TECHNICAL SCREEN AUDIT<br/>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br/>RAO CLASS:</p> <p>ACT DATE: 10/31/2011<br/>ACT USE LIMITATION:</p> |                   |                |            |

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

Site Details Page - 150

# Environmental FirstSearch Site Detail Report

Target Property: 106 MALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

# Environmental FirstSearch Site Detail Report

Target Property: 106 MALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE  |                   |                |            |
|--|-------------------|----------------|------------|
| SEARCH ID: 8   | DIST/DIR: 0.35 NW | ELEVATION: 58  | MAP ID: 26 |
| NAME: GEORGE E KEITH CO  |                   | REV: 9/11/12   |            |
| ADDRESS: 31 PERKINS ST<br>BRIDGEWATER MA 02324   |                   | ID1: 4-0000977 |            |
| CONTACT: PLYMOUTH  |                   | ID2: STMR      |            |
| SOURCE: MA DEP   |                   | PHONE:         |            |
| SITE INFORMATION   |                   |                |            |
| STATUS: STMR (Statement Retracted): An RAO Statement that had been submitted for the site has been retracted.  |                   |                |            |
| LTD: CONFIRMED   |                   |                |            |
| DELETED: REMOVED   |                   |                |            |
| LTD: 1/15/1991 CONFIRMED: 1/15/1991  |                   |                |            |
| DELETED: REMOVED   |                   |                |            |
| LOCATION TYPE: INDUSTRIAL  |                   |                |            |
| SOURCE: LUST   |                   |                |            |
| CATEGORY: NONE   |                   |                |            |
| SITE DESCRIPTION: GROUNDWATER RELEASE: CONTAINED IN A LUST; MANUFACTURING FACILITY: INDUSTRIAL SITE; PETROLEUM PRESENT: RELEASE TO SOIL: V.O.C.'S PRESENT; |                   |                |            |
| OTHER CONTAMINATION:   |                   |                |            |
| OTHER RELEASES:  |                   |                |            |
| OTHER PROBLEMS:  |                   |                |            |
| OTHER TYPE OF SITE:  |                   |                |            |
| CHEMICALS  |                   |                |            |
| VOCs   |                   |                |            |
| SITE ACTIONS   |                   |                |            |
| LSP INVOLVED: 5323   |                   |                |            |
| TS DATE: 9/11/1996   |                   |                |            |
| AUL RESTRICTION:   |                   |                |            |
| LSP:   |                   |                |            |
| RA STATUS: TIER 2 TRANSFER   |                   |                |            |
| RAS TYPE: RELEASE ABATEMENT MEASURE  |                   |                |            |
| RAO CLASS:   |                   |                |            |
| TS DATE: 3/9/1998  |                   |                |            |
| AUL RESTRICTION:   |                   |                |            |
| LSP: JOHN SHIRTO   |                   |                |            |
| RA STATUS: STATUS REPORT RECEIVED  |                   |                |            |
| RAS TYPE: RELEASE ABATEMENT MEASURE  |                   |                |            |
| RAO CLASS:   |                   |                |            |
| TS DATE: 9/11/1997   |                   |                |            |
| AUL RESTRICTION:   |                   |                |            |
| LSP: JOHN SHIRTO   |                   |                |            |
| RA STATUS: WRITTEN PLAN RECEIVED   |                   |                |            |
| RAS TYPE: RELEASE ABATEMENT MEASURE  |                   |                |            |
| RAO CLASS:   |                   |                |            |

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Site Details Page - 151

| STATE  |                   |                |            |
|--|-------------------|----------------|------------|
| SEARCH ID: 8   | DIST/DIR: 0.35 NW | ELEVATION: 58  | MAP ID: 26 |
| NAME: GEORGE E KEITH CO                              |                   | REV: 9/11/12   |            |
| ADDRESS: 31 PERKINS ST<br>BRIDGEWATER MA 02324       |                   | ID1: 4-0000977 |            |
| CONTACT: PLYMOUTH                                    |                   | ID2: STMR      |            |
| SOURCE: MA DEP                                       |                   | PHONE:         |            |
| TS DATE: 3/24/1999                                   |                   |                |            |
| AUL RESTRICTION:                                     |                   |                |            |
| LSP: KEVIN SHEEHAN                                   |                   |                |            |
| RA STATUS: MODIFIED REVISED OR UPDATED PLAN RECEIVED |                   |                |            |
| RAS TYPE: RELEASE ABATEMENT MEASURE                  |                   |                |            |
| RAO CLASS:   |                   |                |            |
| TS DATE: 5/11/1999                                   |                   |                |            |
| AUL RESTRICTION:                                     |                   |                |            |
| LSP: KEVIN SHEEHAN                                   |                   |                |            |
| RA STATUS: MODIFIED REVISED OR UPDATED PLAN RECEIVED |                   |                |            |
| RAS TYPE: RELEASE ABATEMENT MEASURE                  |                   |                |            |
| RAO CLASS:   |                   |                |            |
| ACT DATE: 2/23/1990                                  |                   |                |            |
| ACT USE LIMITATION:                                  |                   |                |            |
| ACT STATUS: CORRESPONDENCE ISSUED                    |                   |                |            |
| ACT TYPE: NOTICE OF RESPONSIBILITY                   |                   |                |            |
| RAO CLASS:   |                   |                |            |
| ACT DATE: 1/15/1991                                  |                   |                |            |
| ACT USE LIMITATION:                                  |                   |                |            |
| ACT STATUS: VALID TRANSITION SITE                    |                   |                |            |
| ACT TYPE: RELEASE DISPOSITION                        |                   |                |            |
| RAO CLASS:   |                   |                |            |
| ACT DATE: 2/11/1991                                  |                   |                |            |
| ACT USE LIMITATION:                                  |                   |                |            |
| ACT STATUS: CORRESPONDENCE ISSUED                    |                   |                |            |
| ACT TYPE: NOTICE OF RESPONSIBILITY                   |                   |                |            |
| RAO CLASS:   |                   |                |            |
| ACT DATE: 4/2/1991                                   |                   |                |            |
| ACT USE LIMITATION:                                  |                   |                |            |
| ACT STATUS: CORRESPONDENCE ISSUED                    |                   |                |            |
| ACT TYPE: NOTICE OF RESPONSIBILITY                   |                   |                |            |
| RAO CLASS:   |                   |                |            |
| ACT DATE: 10/4/1991                                  |                   |                |            |
| ACT USE LIMITATION:                                  |                   |                |            |
| ACT STATUS: WAIVER                                   |                   |                |            |
| ACT TYPE: TRANSITION REGULATIONS                     |                   |                |            |
| RAO CLASS:   |                   |                |            |
| ACT DATE: 2/28/1992                                  |                   |                |            |
| ACT USE LIMITATION:                                  |                   |                |            |

Continued on next page

Site Details Page - 152

# Environmental FirstSearch Site Detail Report

Target Property: 106 MALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

# Environmental FirstSearch Site Detail Report

Target Property: 106 MALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE   |                   |                |            |
|---|-------------------|----------------|------------|
| SEARCH ID: 8  | DIST/DIR: 0.35 NW | ELEVATION: 58  | MAP ID: 26 |
| NAME: GEORGE E KEITH CO                               |                   | REV: 9/11/12   |            |
| ADDRESS: 31 PERKINS ST<br>BRIDGEWATER MA 02324        |                   | ID1: 4-0000977 |            |
| CONTACT: PLYMOUTH                                     |                   | ID2: STMR      |            |
| SOURCE: MA DEP  |                   | PHONE:         |            |
| ACT STATUS: WAIVER SIGNED OR APPROVED                 |                   |                |            |
| ACT TYPE: TRANSITION REGULATIONS                      |                   |                |            |
| RAO CLASS:  |                   |                |            |
| ACT DATE: 3/4/1992                                    |                   |                |            |
| ACT USE LIMITATION:                                   |                   |                |            |
| ACT STATUS: TRANSMITTAL RECEIVED                      |                   |                |            |
| ACT TYPE: TIER CLASSIFICATION                         |                   |                |            |
| RAO CLASS:  |                   |                |            |
| ACT DATE: 3/4/1992                                    |                   |                |            |
| ACT USE LIMITATION:                                   |                   |                |            |
| ACT STATUS: WAIVER ACCEPTED                           |                   |                |            |
| ACT TYPE: TRANSITION REGULATIONS                      |                   |                |            |
| RAO CLASS:  |                   |                |            |
| ACT DATE: 9/11/1996                                   |                   |                |            |
| ACT USE LIMITATION:                                   |                   |                |            |
| ACT STATUS: TIER 2 TRANSFER                           |                   |                |            |
| ACT TYPE: TIER CLASSIFICATION                         |                   |                |            |
| RAO CLASS:  |                   |                |            |
| ACT DATE: 3/4/1997                                    |                   |                |            |
| ACT USE LIMITATION:                                   |                   |                |            |
| ACT STATUS: TIER 2 CLASSIFICATION                     |                   |                |            |
| ACT TYPE: TIER CLASSIFICATION                         |                   |                |            |
| RAO CLASS:  |                   |                |            |
| ACT DATE: 9/11/1997                                   |                   |                |            |
| ACT USE LIMITATION:                                   |                   |                |            |
| ACT STATUS: WRITTEN PLAN RECEIVED                     |                   |                |            |
| ACT TYPE: RELEASE ABATEMENT MEASURE                   |                   |                |            |
| RAO CLASS:  |                   |                |            |
| ACT DATE: 3/9/1998                                    |                   |                |            |
| ACT USE LIMITATION:                                   |                   |                |            |
| ACT STATUS: STATUS REPORT RECEIVED                    |                   |                |            |
| ACT TYPE: RELEASE ABATEMENT MEASURE                   |                   |                |            |
| RAO CLASS:  |                   |                |            |
| ACT DATE: 3/24/1999                                   |                   |                |            |
| ACT USE LIMITATION:                                   |                   |                |            |
| ACT STATUS: MODIFIED REVISED OR UPDATED PLAN RECEIVED |                   |                |            |
| ACT TYPE: RELEASE ABATEMENT MEASURE                   |                   |                |            |
| RAO CLASS:  |                   |                |            |
| ACT DATE: 5/11/1999                                   |                   |                |            |

More Details Exist For This Site: Max Page Limit Reached

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| LUST   |                   |                |            |
|--|-------------------|----------------|------------|
| SEARCH ID: 69  | DIST/DIR: 0.35 NW | ELEVATION: 58  | MAP ID: 26 |
| NAME: FORMER GEORGE E KEITH                          |                   | REV: 9/11/12   |            |
| ADDRESS: 31 PERKINS ST<br>BRIDGEWATER MA             |                   | ID1: 4-0019530 |            |
| CONTACT: PLYMOUTH                                    |                   | ID2: RAOHR     |            |
| SOURCE: MA DEP                                       |                   | PHONE:         |            |
| SITE INFORMATION                                     |                   |                |            |
| STATUS: RAOHR - Response action outcome not required |                   |                |            |
| LOCATION TYPE: COMMERCIAL                            |                   |                |            |
| SOURCE: LUST   |                   |                |            |
| CATEGORY: 72 HR                                      |                   |                |            |
| SITE DESCRIPTION:                                    |                   |                |            |
| CHEMICALS  |                   |                |            |
| #6 FUEL OIL 5 INCH                                   |                   |                |            |
| SITE ACTIONS   |                   |                |            |
| LSP INVOLVED: 5323                                   |                   |                |            |
| ACT DATE: 10/31/2011                                 |                   |                |            |
| ACT USE LIMITATION:                                  |                   |                |            |
| LSP:   |                   |                |            |
| ACT STATUS: LINKED TO A TIER CLASSIFIED SITE         |                   |                |            |
| LINKED SITE ID: 4-0000977                            |                   |                |            |
| ACT TYPE: RAO NOT REQUIRED                           |                   |                |            |
| RAO CLASS:   |                   |                |            |
| ACT DATE: 3/4/1992                                   |                   |                |            |
| ACT USE LIMITATION:                                  |                   |                |            |
| ACT STATUS: TRANSMITTAL RECEIVED                     |                   |                |            |
| ACT TYPE: TIER CLASSIFICATION                        |                   |                |            |
| RAO CLASS:   |                   |                |            |
| ACT DATE: 9/11/1996                                  |                   |                |            |
| ACT USE LIMITATION:                                  |                   |                |            |
| ACT STATUS: TIER 2 TRANSFER                          |                   |                |            |
| ACT TYPE: TIER CLASSIFICATION                        |                   |                |            |
| RAO CLASS:   |                   |                |            |
| ACT DATE: 3/4/1997                                   |                   |                |            |
| ACT USE LIMITATION:                                  |                   |                |            |
| ACT STATUS: TIER 2 CLASSIFICATION                    |                   |                |            |
| ACT TYPE: TIER CLASSIFICATION                        |                   |                |            |
| RAO CLASS:   |                   |                |            |
| ACT DATE: 4/12/2005                                  |                   |                |            |
| ACT USE LIMITATION:                                  |                   |                |            |
| ACT STATUS: TIER 2 TRANSFER                          |                   |                |            |
| ACT TYPE: TIER CLASSIFICATION                        |                   |                |            |

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

LUST

SEARCH ID: 69 DIST/DIR: 0.35 NW ELEVATION: 58 MAP ID: 26

NAME: FORMER GEORGE E KEITH  
ADDRESS: 31 PERKINS ST  
BRIDGEWATER MA  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP

RAO CLASS:  
ACT DATE: 4/12/2005  
ACT USE LIMITATION:  
ACT STATUS: TIER 2 EXTENSION  
ACT TYPE: TIER CLASSIFICATION  
RAO CLASS:  
ACT DATE: 12/16/2005  
ACT USE LIMITATION:  
ACT STATUS: ORAL APPROVAL OF PLAN  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 12/16/2005  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE DISPOSITION  
RAO CLASS:  
ACT DATE: 1/4/2006  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
RAO CLASS:  
ACT DATE: 2/14/2006  
ACT USE LIMITATION:  
ACT STATUS: WRITTEN PLAN RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 2/14/2006  
ACT USE LIMITATION:  
ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E  
ACT TYPE: RELEASE NOTIFICATION  
RAO CLASS:  
ACT DATE: 2/23/2006  
ACT USE LIMITATION:  
ACT STATUS: TECHNICAL SCREEN AUDIT  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 4/14/2006  
ACT USE LIMITATION:  
ACT STATUS: STATUS REPORT RECEIVED

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LUST

SEARCH ID: 69 DIST/DIR: 0.35 NW ELEVATION: 58 MAP ID: 26

NAME: FORMER GEORGE E KEITH  
ADDRESS: 31 PERKINS ST  
BRIDGEWATER MA  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP

ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 5/1/2006  
ACT USE LIMITATION:  
ACT STATUS: TECHNICAL SCREEN AUDIT  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 3/9/2007  
ACT USE LIMITATION:  
ACT STATUS: NOTICE OF NON-COMPLIANCE ISSUED  
ACT TYPE: COMPLIANCE AND ENFORCEMENT  
RAO CLASS:  
ACT DATE: 5/9/2007  
ACT USE LIMITATION:  
ACT STATUS: COMPLETION STATEMENT RECEIVED  
ACT TYPE: IMMEDIATE RESPONSE ACTION  
RAO CLASS:  
ACT DATE: 5/15/2007  
ACT USE LIMITATION:  
ACT STATUS: TRANSMITTAL RECEIVED  
ACT TYPE: TIER CLASSIFICATION  
RAO CLASS:  
ACT DATE: 5/15/2007  
ACT USE LIMITATION:  
ACT STATUS: TIER 2 CLASSIFICATION  
ACT TYPE: TIER CLASSIFICATION  
RAO CLASS:  
ACT DATE: 1/3/2008  
ACT USE LIMITATION:  
ACT STATUS: RAO STATEMENT RECEIVED  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS:  
ACT DATE: 4/4/2008  
ACT USE LIMITATION:  
ACT STATUS: TECHNICAL SCREEN AUDIT  
ACT TYPE: RESPONSE ACTION OUTCOME - RAO  
RAO CLASS:  
ACT DATE: 10/31/2011  
ACT USE LIMITATION:

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Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

LUST

SEARCH ID: 70 DIST/DIR: 0.35 NW ELEVATION: 58 MAP ID: 26

NAME: GEORGE E KEITH CO  
ADDRESS: 31 PERKINS ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP

SITE INFORMATION  
STATUS: STMRET - (Statement Retracted): An RAO Statement that had been submitted for the site has been retracted.  
LTBI: CONFIRMED:  
DELETED: REMOVED:  
LTBI: 1/15/1991 CONFIRMED: 1/15/1991  
DELETED: REMOVED:  
LOCATION TYPE: INDUSTRIAL  
SOURCE: UST  
CATEGORY: NONE  
SITE DESCRIPTION: GROUNDWATER RELEASE: INDUSTRIAL SITE; PETROLEUM PRESENT; MANUFACTURING FACILITY; CONTAINED IN A UST; V.O.C.'S PRESENT; RELEASE TO SOIL;  
OTHER CONTAMINATION:  
OTHER RELEASES:  
OTHER PROBLEMS:  
OTHER TYPE OF SITE:  
CHEMICALS  
VOCs  
SITE ACTIONS  
LSP INVOLVED: 5323  
TS DATE: 3/24/1999  
AIA RESTRICTION:  
LSP: KEVIN SHEEHAN  
RA STATUS: MODIFIED REVISED OR UPDATED PLAN RECEIVED  
RAS TYPE: RELEASE ABATEMENT MEASURE  
RAO CLASS:  
TS DATE: 9/11/1996  
AIA RESTRICTION:  
LSP:  
RA STATUS:  
RAS TYPE: TIER2TRANS  
RAO CLASS:  
TS DATE: 9/11/1997  
AIA RESTRICTION:  
LSP: JOHN SPRILO  
RA STATUS: WRITTEN PLAN RECEIVED  
RAS TYPE: RELEASE ABATEMENT MEASURE  
RAO CLASS:

- Continued on next page -

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LUST

SEARCH ID: 70 DIST/DIR: 0.35 NW ELEVATION: 58 MAP ID: 26

NAME: GEORGE E KEITH CO  
ADDRESS: 31 PERKINS ST  
BRIDGEWATER MA 02324  
PLYMOUTH  
CONTACT: MA DEP  
SOURCE: MA DEP

TS DATE: 3/9/1998  
AIA RESTRICTION:  
LSP: JOHN SPRILO  
RA STATUS: STATUS REPORT RECEIVED  
RAS TYPE: RELEASE ABATEMENT MEASURE  
RAO CLASS:  
TS DATE: 5/11/1999  
AIA RESTRICTION:  
LSP: KEVIN SHEEHAN  
RA STATUS: MODIFIED REVISED OR UPDATED PLAN RECEIVED  
RAS TYPE: RELEASE ABATEMENT MEASURE  
RAO CLASS:  
ACT DATE: 2/23/1990  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
RAO CLASS:  
ACT DATE: 1/15/1991  
ACT USE LIMITATION:  
ACT STATUS: VALID TRANSITION SITE  
ACT TYPE: RELEASE DISPOSITION  
RAO CLASS:  
ACT DATE: 2/11/1991  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
RAO CLASS:  
ACT DATE: 4/2/1991  
ACT USE LIMITATION:  
ACT STATUS: CORRESPONDENCE ISSUED  
ACT TYPE: NOTICE OF RESPONSIBILITY  
RAO CLASS:  
ACT DATE: 10/4/1991  
ACT USE LIMITATION:  
ACT STATUS: WAIVER/C  
ACT TYPE: TRANSITION REGULATIONS  
RAO CLASS:  
ACT DATE: 2/28/1992  
ACT USE LIMITATION:

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Site Details Page - 158

# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| LUST  |           |  |         |
|---|-----------|--|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:   | MAP ID: |
| 70  | 0.35 NW   | 58   | 26      |
| NAME: GEORGE E KEITH CO   |           | REV: 9/11/12   |         |
| ADDRESS: 31 PERKINS ST<br>BRIDGEWATER MA 02324<br>PLYMOUTH  |           | ID1: 4-0000977<br>ID2: 4-0011253<br>STATUS: RAO<br>PHONE: 51MRET |         |
| CONTACT: MA DEP   |           | SOURCE: MA DEP   |         |
| <p>ACT STATUS: WAIVER SIGNED OR APPROVED</p> <p>ACT TYPE: TRANSITION REGULATIONS</p> <p>RAO CLASS:</p> <p>ACT DATE: 3/4/1992</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: WAIVER ACCEPTED</p> <p>ACT TYPE: TRANSITION REGULATIONS</p> <p>RAO CLASS:</p> <p>ACT DATE: 3/4/1992</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: TRANSITTAL RECEIVED</p> <p>ACT TYPE: TIER CLASSIFICATION</p> <p>RAO CLASS:</p> <p>ACT DATE: 9/11/1996</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: TIER 2 TRANSFER</p> <p>ACT TYPE: TIER CLASSIFICATION</p> <p>RAO CLASS:</p> <p>ACT DATE: 3/4/1997</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: TIER 2 CLASSIFICATION</p> <p>ACT TYPE: TIER CLASSIFICATION</p> <p>RAO CLASS:</p> <p>ACT DATE: 9/11/1997</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: WRITTEN PLAN RECEIVED</p> <p>ACT TYPE: RELEASE ABATEMENT MEASURE</p> <p>RAO CLASS:</p> <p>ACT DATE: 3/9/1998</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: STATUS REPORT RECEIVED</p> <p>ACT TYPE: RELEASE ABATEMENT MEASURE</p> <p>RAO CLASS:</p> <p>ACT DATE: 3/24/1999</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: MODIFIED REVISED OR UPDATED PLAN RECEIVED</p> <p>ACT TYPE: RELEASE ABATEMENT MEASURE</p> <p>RAO CLASS:</p> <p>ACT DATE: 5/11/1999</p> |           |  |         |

More Details Exist For This Site; Max Page Limit Reached

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE  |           |   |         |
|--|-----------|---|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION:  | MAP ID: |
| 15   | 0.82 NW   | 77  | 27      |
| NAME: NO LOCATION AID  |           | REV: 9/11/12  |         |
| ADDRESS: 347 MAIN ST<br>BRIDGEWATER MA<br>PLYMOUTH   |           | ID1: 4-0011253<br>ID2: 4-0011253<br>STATUS: RAO<br>PHONE: RAO |         |
| CONTACT: MA DEP  |           | SOURCE: MA DEP  |         |
| <p>SITE INFORMATION</p> <p>STATUS: RAO - (Response Action Outcome): a site release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated.</p> <p>LTB: CONFIRMED:</p> <p>DELETED: REMOVED:</p> <p>LOCATION TYPE: COMMERCIAL</p> <p>SOURCE: UST</p> <p>CATEGORY: 72 HR</p> <p>SITE DESCRIPTION:</p> <p>CHEMICALS</p> <p>KEROSENE 369 PPM</p> <p>SITE ACTIONS</p> <p>LSP INVOLVED: JEFFREY NANGLE</p> <p>LSP INVOLVED: ANDRE BISSONNETTE</p> <p>LSP INVOLVED: JOSEPH SALVETTI</p> <p>LSP INVOLVED: ANTHONY DELTUPO</p> <p>ACT DATE: 7/26/2002</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: ORAL APPROVAL OF PLAN</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 7/26/2002</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> <p>ACT TYPE: RELEASE DEPOSITION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 9/24/2002</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: WRITTEN PLAN RECEIVED</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 9/24/2002</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> |           |   |         |

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Site Details Page - 160

# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE  |           |   |         |
|--|-----------|---|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION:  | MAP ID: |
| 15   | 0.82 NW   | 77  | 27      |
| NAME: NO LOCATION AID  |           | REV: 9/11/12  |         |
| ADDRESS: 347 MAIN ST<br>BRIDGEWATER MA<br>PLYMOUTH   |           | ID1: 4-0011253<br>ID2: 4-0011253<br>STATUS: RAO<br>PHONE: RAO |         |
| CONTACT: MA DEP  |           | SOURCE: MA DEP  |         |
| <p>ACT TYPE: RELEASE NOTIFICATION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 10/12/2002</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: CORRESPONDENCE ISSUED</p> <p>ACT TYPE: NOTICE OF RESPONSIBILITY</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 11/1/2002</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: ORAL APPROVAL OF PLAN</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 11/1/2002</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: FOLLOW UP OFFICE RESPONSE</p> <p>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 11/14/2002</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E</p> <p>ACT TYPE: RELEASE NOTIFICATION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 1/30/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: STATUS REPORT RECEIVED</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 7/31/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: STATUS REPORT RECEIVED</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 7/31/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: MODIFIED REVISED OR UPDATED PLAN RECEIVED</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 7/31/2003</p> <p>ACT USE LIMITATION:</p> |           |   |         |

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Site Details Page - 161

# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE  |           |   |         |
|--|-----------|---|---------|
| SEARCH ID:   | DIST/DIR: | ELEVATION:  | MAP ID: |
| 15   | 0.82 NW   | 77  | 27      |
| NAME: NO LOCATION AID  |           | REV: 9/11/12  |         |
| ADDRESS: 347 MAIN ST<br>BRIDGEWATER MA<br>PLYMOUTH   |           | ID1: 4-0011253<br>ID2: 4-0011253<br>STATUS: RAO<br>PHONE: RAO |         |
| CONTACT: MA DEP  |           | SOURCE: MA DEP  |         |
| <p>ACT STATUS: COMPLETION STATEMENT RECEIVED</p> <p>ACT TYPE: PHASE 1</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 7/31/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: TRANSITTAL RECEIVED</p> <p>ACT TYPE: TIER CLASSIFICATION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 7/31/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: TIER 2 CLASSIFICATION</p> <p>ACT TYPE: TIER CLASSIFICATION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 8/6/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: TECHNICAL SCREEN AUDIT</p> <p>ACT TYPE: TIER CLASSIFICATION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 8/6/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: TECHNICAL SCREEN AUDIT</p> <p>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 8/6/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: TECHNICAL SCREEN AUDIT</p> <p>ACT TYPE: PHASE 1</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 8/7/2003</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: LEGAL NOTICE PUBLISHED</p> <p>ACT TYPE: TIER CLASSIFICATION</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 4/1/2004</p> <p>ACT USE LIMITATION:</p> <p>ACT STATUS: SCOPE OF WORK RECEIVED</p> <p>ACT TYPE: PHASE 2</p> <p>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND</p> <p>ACT DATE: 4/29/2004</p> |           |   |         |

More Details Exist For This Site; Max Page Limit Reached

Site Details Page - 162

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE   |           |   |         |
|---|-----------|---|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:  | MAP ID: |
| 10  | 0.83 NW   | 95  | 28      |
| NAME: JOE S SERVICE STA<br>ADDRESS: 380 MAIN ST<br>BRIDGEWATER MA<br>PLYMOUTH   |           | REV: 9/11/12<br>ID1: 4-0019440<br>ID2:<br>STATUS: RAO<br>PHONE: |         |
| CONTACT: MA DEP<br>SOURCE:  |           |   |         |
| SITE INFORMATION  |           |   |         |
| STATUS: RAO - (Response Action Outcome): a site/release where an RAO statement was submitted. An RAO Statement asserts that response actions were sufficient to achieve a level of no significant risk or at least ensure that all substantial hazards were eliminated      |           |   |         |
| LOCATION TYPE: COMMERCIAL<br>SOURCE: US1<br>CATEGORY: 72 HR<br>SITE DESCRIPTION:  |           |   |         |
| CHEMICALS   |           |   |         |
| C11 THRU C22 AROMATIC HYDROCARBONS 2000 MG/KG<br>C19 THRU C36 ALIPHATIC HYDROCARBONS 17000 MG/KG<br>PETROLEUM 100 PPM   |           |   |         |
| SITE ACTIONS  |           |   |         |
| LSP INVOLVED: 1259  |           |   |         |
| ACT DATE: 11/18/2005<br>ACT USE LIMITATION:<br>ACT STATUS: FOLLOW UP OFFICE RESPONSE<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND                           |           |   |         |
| ACT DATE: 11/18/2005<br>ACT USE LIMITATION:<br>ACT STATUS: RUA - INITIAL COMPLIANCE FIELD RESPONSE - ANNOUNCED<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND |           |   |         |
| ACT DATE: 11/18/2005<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE DISPOSITION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND                                    |           |   |         |
| ACT DATE: 11/21/2005<br>ACT USE LIMITATION:<br>ACT STATUS: CORRESPONDENCE ISSUED<br>ACT TYPE: NOTICE OF RESPONSIBILITY<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND  |           |   |         |
| ACT DATE: 1/3/2006<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE NOTIFICATION   |           |   |         |

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Site Details Page - 163

| STATE   |           |   |         |
|---|-----------|---|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:  | MAP ID: |
| 10  | 0.83 NW   | 95  | 28      |
| NAME: JOE S SERVICE STA<br>ADDRESS: 380 MAIN ST<br>BRIDGEWATER MA<br>PLYMOUTH   |           | REV: 9/11/12<br>ID1: 4-0019440<br>ID2:<br>STATUS: RAO<br>PHONE: |         |
| CONTACT: MA DEP<br>SOURCE:  |           |   |         |
| RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND  |           |   |         |
| ACT DATE: 1/3/2006<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLETION STATEMENT RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND                     |           |   |         |
| ACT DATE: 1/3/2006<br>ACT USE LIMITATION:<br>ACT STATUS: WRITTEN PLAN RECEIVED<br>ACT TYPE: IMMEDIATE RESPONSE ACTION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND                             |           |   |         |
| ACT DATE: 7/28/2006<br>ACT USE LIMITATION:<br>ACT STATUS: WRITTEN PLAN RECEIVED<br>ACT TYPE: RELEASE ABATEMENT MEASURE<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND                            |           |   |         |
| ACT DATE: 7/28/2006<br>ACT USE LIMITATION:<br>ACT STATUS: COMPLETION STATEMENT RECEIVED<br>ACT TYPE: PHASE 1<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND                                      |           |   |         |
| ACT DATE: 7/28/2006<br>ACT USE LIMITATION:<br>ACT STATUS: TIER 2 CLASSIFICATION<br>ACT TYPE: TIER CLASSIFICATION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND                                  |           |   |         |
| ACT DATE: 7/28/2006<br>ACT USE LIMITATION:<br>ACT STATUS: RTN LINKED TO TCLASS VIA TIER CLASSIFICATION SUBMITTAL<br>ACT TYPE: TIER CLASSIFICATION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND |           |   |         |
| ACT DATE: 7/28/2006<br>ACT USE LIMITATION:<br>ACT STATUS: TRANSMITTAL RECEIVED<br>ACT TYPE: TIER CLASSIFICATION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND                                   |           |   |         |
| ACT DATE: 7/18/2007<br>ACT USE LIMITATION:<br>ACT STATUS: RTN LINKED TO TCLASS VIA IRA COMPLETION STATEMENT   |           |   |         |

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Site Details Page - 164

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

Environmental FirstSearch  
Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE   |           |   |         |
|---|-----------|---|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:  | MAP ID: |
| 10  | 0.83 NW   | 95  | 28      |
| NAME: JOE S SERVICE STA<br>ADDRESS: 380 MAIN ST<br>BRIDGEWATER MA<br>PLYMOUTH   |           | REV: 9/11/12<br>ID1: 4-0019440<br>ID2:<br>STATUS: RAO<br>PHONE: |         |
| CONTACT: MA DEP<br>SOURCE:  |           |   |         |
| ACT TYPE: TIER CLASSIFICATION<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND   |           |   |         |
| ACT DATE: 10/10/2008<br>ACT USE LIMITATION:<br>ACT STATUS: SCOPE OF WORK RECEIVED<br>ACT TYPE: PHASE 2<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND                      |           |   |         |
| ACT DATE: 2/15/2011<br>ACT USE LIMITATION:<br>ACT STATUS: RAO STATEMENT RECEIVED<br>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND |           |   |         |
| ACT DATE: 8/3/2011<br>ACT USE LIMITATION:<br>ACT STATUS: TECHNICAL SCREEN AUDIT<br>ACT TYPE: RESPONSE ACTION OUTCOME - RAO<br>RAO CLASS: A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED. CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND  |           |   |         |
| ACT DATE: 9/12/2011<br>ACT USE LIMITATION:<br>ACT STATUS: RUA - COMPLIANCE FIELD RESPONSE - UNANNOUNCED<br>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION  |           |   |         |

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| STATE   |           |  |         |
|---|-----------|--|---------|
| SEARCH ID:  | DIST/DIR: | ELEVATION:   | MAP ID: |
| 11  | 0.83 NW   | 95   | 28      |
| NAME: JOE S SERVICE STATION<br>ADDRESS: 380 MAIN ST<br>BRIDGEWATER MA<br>PLYMOUTH   |           | REV: 9/11/12<br>ID1: 4-0019747<br>ID2:<br>STATUS: RAO/NR<br>PHONE: |         |
| CONTACT: MA DEP<br>SOURCE:  |           |  |         |
| SITE INFORMATION  |           |  |         |
| STATUS: RAO/NR - Response action outcome not required   |           |  |         |
| LOCATION TYPE:<br>SOURCE:<br>CATEGORY: 120 DY<br>SITE DESCRIPTION:  |           |  |         |
| CHEMICALS   |           |  |         |
| CS THRU C8 ALIPHATIC HYDROCARBONS 3.4 PPM   |           |  |         |
| SITE ACTIONS  |           |  |         |
| ACT DATE: 7/29/2006<br>ACT USE LIMITATION:<br>LSP:<br>ACT STATUS: LINKED TO A TIER CLASSIFIED SITE<br>LINKED SITE ID: 4-0019440<br>ACT TYPE: RAO NOT REQUIRED<br>RAO CLASS: |           |  |         |
| ACT DATE: 5/10/2006<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE NOTIFICATION<br>RAO CLASS:                                  |           |  |         |
| ACT DATE: 5/10/2006<br>ACT USE LIMITATION:<br>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br>ACT TYPE: RELEASE DISPOSITION<br>RAO CLASS:                                   |           |  |         |
| ACT DATE: 7/28/2006<br>ACT USE LIMITATION:<br>ACT STATUS: TRANSMITTAL RECEIVED<br>ACT TYPE: TIER CLASSIFICATION<br>RAO CLASS:   |           |  |         |
| ACT DATE: 7/28/2006<br>ACT USE LIMITATION:<br>ACT STATUS: RTN LINKED TO TCLASS VIA TIER CLASSIFICATION SUBMITTAL<br>ACT TYPE: TIER CLASSIFICATION<br>RAO CLASS:             |           |  |         |

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Site Details Page - 166

# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE   |   |               |            |
|---|---|---------------|------------|
| SEARCH ID: 11   | DIST/DIR: 0.83 NW                                 | ELEVATION: 95 | MAP ID: 28 |
| NAME: JOE S SERVICE STATION   | REV: 9/11/12                                      |               |            |
| ADDRESS: 380 MAIN ST<br>BRIDGEWATER MA<br>PLYMOUTH  | ID1: 4-0019747<br>ID2:<br>STATUS: RAONR<br>PHONE: |               |            |
| CONTACT: MA DEP   |   |               |            |
| <p>ACT DATE: 7/28/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: TIER 2 CLASSIFICATION<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS:</p> <p>ACT DATE: 7/29/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: LINKED TO A TIER CLASSIFIED SITE<br/>ACT TYPE: RAO NOT REQUIRED<br/>RAO CLASS:</p> <p>ACT DATE: 7/18/2007<br/>ACT USE LIMITATION:<br/>ACT STATUS: RTN LINKED TO TCLASS VIA IRA COMPLETION STATEMENT<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS:</p> <p>ACT DATE: 7/8/2010<br/>ACT USE LIMITATION:<br/>ACT STATUS: BFA - COMPLIANCE FIELD RESPONSE - ANNOUNCED<br/>ACT TYPE: SITE VISIT OR COMPLIANCE INSPECTION</p> |   |               |            |

Site Details Page - 167

# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE  |  |               |            |
|--|--|---------------|------------|
| SEARCH ID: 12  | DIST/DIR: 0.83 NW                                  | ELEVATION: 95 | MAP ID: 28 |
| NAME: JOES SERVICE STATION   | REV: 9/11/12                                       |               |            |
| ADDRESS: 380 MAIN ST<br>BRIDGEWATER MA<br>PLYMOUTH   | ID1: 4-0019964<br>ID2:<br>STATUS: TIERII<br>PHONE: |               |            |
| CONTACT: MA DEP  |  |               |            |
| <p>SITE INFORMATION</p> <p>STATUS: TIER 2 - A site/release receiving a total NRS score less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria ICMR 40.05(2)(a). Permits are not required at Tier 2 sites/releases and response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites.</p> <p>LOCATION TYPE: COMMERCIAL<br/>SOURCE: LSP<br/>CATEGORY: 72 HR<br/>SITE DESCRIPTION:</p> <p>CHEMICALS</p> <p>GASOLINE 150 PPM</p> <p>SITE ACTIONS</p> <p>ACT DATE: 7/28/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: TRANSMITTAL RECEIVED<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS:</p> <p>ACT DATE: 7/28/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: TIER 2 CLASSIFICATION<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS:</p> <p>ACT DATE: 7/28/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: RTN LINKED TO TCLASS VIA TIER CLASSIFICATION SUBMITTAL<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS:</p> <p>ACT DATE: 7/31/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br/>ACT TYPE: RELEASE DISPOSITION<br/>RAO CLASS:</p> <p>ACT DATE: 7/31/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: ORAL APPROVAL OF PLAN<br/>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>ACT DATE: 9/25/2006<br/>ACT USE LIMITATION:</p> |  |               |            |

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Site Details Page - 168

# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE  |  |               |            |
|--|--|---------------|------------|
| SEARCH ID: 12  | DIST/DIR: 0.83 NW                                  | ELEVATION: 95 | MAP ID: 28 |
| NAME: JOES SERVICE STATION   | REV: 9/11/12                                       |               |            |
| ADDRESS: 380 MAIN ST<br>BRIDGEWATER MA<br>PLYMOUTH   | ID1: 4-0019964<br>ID2:<br>STATUS: TIERII<br>PHONE: |               |            |
| CONTACT: MA DEP  |  |               |            |
| <p>ACT STATUS: CORRESPONDENCE ISSUED<br/>ACT TYPE: NOTICE OF RESPONSIBILITY<br/>RAO CLASS:</p> <p>ACT DATE: 10/2/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: REPORTABLE RELEASE UNDER MGL 21E<br/>ACT TYPE: RELEASE NOTIFICATION<br/>RAO CLASS:</p> <p>ACT DATE: 10/2/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: WRITTEN PLAN RECEIVED<br/>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>ACT DATE: 10/2/2006<br/>ACT USE LIMITATION:<br/>ACT STATUS: IMMINENT HAZARD EVALUATION RECEIVED<br/>ACT TYPE: IMMEDIATE RESPONSE ACTION<br/>RAO CLASS:</p> <p>ACT DATE: 6/22/2007<br/>ACT USE LIMITATION:<br/>ACT STATUS: NOTICE OF NON-COMPLIANCE ISSUED<br/>ACT TYPE: COMPLIANCE AND ENFORCEMENT<br/>RAO CLASS:</p> <p>ACT DATE: 7/18/2007<br/>ACT USE LIMITATION:<br/>ACT STATUS: RTN LINKED TO TCLASS VIA IRA COMPLETION STATEMENT<br/>ACT TYPE: TIER CLASSIFICATION<br/>RAO CLASS:</p> <p>ACT DATE: 7/18/2007<br/>ACT USE LIMITATION:<br/>ACT STATUS: COMPLETION STATEMENT RECEIVED<br/>ACT TYPE: IMMEDIATE RESPONSE ACTION</p> |  |               |            |

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# Environmental FirstSearch Site Detail Report

Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| STATE  |  |               |            |
|--|--|---------------|------------|
| SEARCH ID: 19  | DIST/DIR: 0.93 NW                                  | ELEVATION: 86 | MAP ID: 29 |
| NAME: PROPERTY   | REV: 9/11/12                                       |               |            |
| ADDRESS: 275 HIGH ST<br>BRIDGEWATER MA 02324<br>PLYMOUTH   | ID1: 4-0003471<br>ID2:<br>STATUS: PENNFA<br>PHONE: |               |            |
| CONTACT: MA DEP  |  |               |            |
| <p>SITE INFORMATION</p> <p>STATUS: PENNFA - Pending No Further Action means a document was submitted to DEP asserting that a site assessment had determined that no further action was required. These submittals are considered pending until DEP audits them.</p> <p>LTB: 1/15/1988CONFIRMED:<br/>DELETED/REMOVED:</p> <p>LOCATION TYPE:<br/>SOURCE:<br/>CATEGORY: NONE<br/>SITE DESCRIPTION:</p> <p>CHEMICALS</p> <p>UNKNOWN</p> <p>SITE ACTIONS</p> <p>TS DATE: 10/1/1993<br/>AIR RESTRICTION:<br/>LSP:<br/>RA STATUS:<br/>RAS TYPE: CON-NFA<br/>RAO CLASS:</p> <p>ACT DATE: 1/15/1988<br/>ACT USE LIMITATION:<br/>ACT STATUS: VALID TRANSITION SITE<br/>ACT TYPE: RELEASE DISPOSITION<br/>RAO CLASS:</p> <p>ACT DATE: 10/1/1993<br/>ACT USE LIMITATION:<br/>ACT STATUS: PENDING NO FURTHER ACTION MEANS A DOCUMENT WAS SUBMITTED TO DEP ASSERTING THAT A SITE ASSESSMENT HAD DETERMINED THAT NO FURTHER ACTION WAS REQUIRED. THESE SUBMITTALS ARE CONSIDERED PENDING UNTIL DEP AUDITS THEM.<br/>ACT TYPE: TRANSITION REGULATIONS<br/>RAO CLASS:</p> |  |               |            |

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## Environmental FirstSearch Descriptions

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

**NPL DELISTED: EPA NATIONAL PRIORITY LIST Subset** - Database of delisted NPL sites. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.DELISTED - Deleted from the Final NPL

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

**NFRAP: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES** - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.NFRAP - No Further Remedial Action PlanP - Site is part of NPL siteD - Deleted from the Final NPLF - Currently on the Final NPLN - Not on the NPLO - Not Valid Site or IncidentP - Proposed for NPLR - Removed from Proposed NPLS - Pre-proposal SiteW - Withdrawn

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

**RCRA TSD: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, AND DISPOSAL FACILITIES** - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.Facilities that treat, store, dispose, or incinerate hazardous waste.

**State/Tribal Sites: MA DEP WASTE SITE CLEANUP NOTIFICATION DATABASE SUBSET** - database of sites in the Commonwealth where a release of oil or hazardous material has been reported to the Department of Environmental Protection (DEP) and the site is Tier Classified or Pre Classified. Sites are usually Tier Classified (1A, 1B, 1C, 1D, and 2) using the Numerical Ranking System (NRS). The NRS scores sites on a point system based on a variety of factors. These include the site's complexity, the type of contamination, and the potential for human or environmental exposure to the contamination. In addition, some sites are automatically classified as Tier 1 sites if they pose an imminent hazard, affect public water supplies, or miss regulatory deadlines. Also includes MA 21E SITES, a database of sites regulated under General Law Chapter 21E (the Massachusetts "Superfund" Law). Chapter 21E gives the Department of Environmental Protection (DEP) the task of ensuring that releases and threats of release of oil and hazardous material are cleaned up by the parties responsible for them. The database contains confirmed, LTBL waiver, deleted and reserved sites.

**State Spills 90: MA DEP WASTE SITE CLEANUP NOTIFICATION DATABASE** - database of sites in the Commonwealth where a release of oil or hazardous material has been reported to the Department of Environmental Protection (DEP) since 1990. The data includes location, source, chemical, amount, notification date and Release Tracking Number (RTN).

**State/Tribal SWL: MA DEP SOLID WASTE FACILITY DATABASE** - database of the solid waste landfills, combustion facilities, and transfer stations in Massachusetts. This data includes facility type, location, capacity, owner and operator contact information, and years of operation.

**State/Tribal LUST: MA DEP FIRSTSEARCH PROPRIETARY DATABASE OF LEAKING UNDERGROUND STORAGE TANKS** - database of sites in the Commonwealth where a release of oil or hazardous material has been reported and the source is a tank. This database is a subset of the WASTE SITE CLEANUP NOTIFICATION DATABASE.

**State/Tribal UST/AST: MA DEP UNDERGROUND STORAGE TANK (UST) REGISTRY DATABASE** - database of regulated UST in the Commonwealth and tracks its status.

**State/Tribal IC: MA DEP DATABASE OF ACTIVITY AND USE LIMITATION (AUL)** - database of sites receiving an AUL. An AUL provides Notice to users of property of the presence of oil or hazardous material contamination remaining at the location after a cleanup has been conducted pursuant to M.G.L.Chapter 21E and the Massachusetts Contingency Plan. The AUL is a legal document that identifies activities and uses of the property that may and may not occur, as well as the property owner's obligation and maintenance conditions that must be followed to ensure the safe use of the property.

**State/Tribal Brownfields: MA AGO COMPLETED BROWNFIELD COVENANTS** - Database of properties that have been covered under a completed brownfields covenant not to sue agreement. Massachusetts law M.G.L. c. 21E provides the Attorney General's Office with the authority to enter into Brownfields Covenant Not to Sue Agreements for the sites not addressed by the automatic liability protections. In exchange for a commitment to clean up a site and to undertake a project that contributes to the economic or physical revitalization of the community, we can provide individually-tailored liability relief to property owners and developers at the most difficult sites.

**State ACEC: USFWS US FISH AND WILDLIFE CONTACT INFORMATION** - database of contact information for the US Fish and Wildlife Service loaded by zipcode.

**State ACEC: MassGIS ACEC DATABASE** - database of legislated Areas of Critical Environmental Concern, Openspaces, Priority Habitats of Rare Species, Estimated Habitats of Rare Wildlife, Vernal Pools, and Chapter 61 sites. Chapter 61 sites refer to Chapter 61 Section 2 and 3 of the General Laws of Massachusetts. These sites are classified forest lands of no less than ten contiguous acres in area that the owner must pay annually a land tax or a products tax (if cutting occurs)

**RCRA GEN: MA DEP HAZARDOUS WASTE GENERATORS** - Database of small and very small quantity generators of hazardous waste or waste oil. These site are regulated by the MA DEP.

**RCRA GEN EPA/MA DEP/CT DEP RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS** - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.Facilities that generate or transport hazardous waste or meet other RCRA requirements.LGN - Large Quantity GeneratorsSGN - Small Quantity GeneratorsVGN - Conditionally Exempt Generator.Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities. CONNECTICUT HAZARDOUS WASTE MANIFEST - Database of all shipments of hazardous waste within, into or from Connecticut. The data includes date of shipment, transporter and TSD info, and material shipped and quantity. This data is appended to the details of existing generator records. MASSACHUSETTES HAZARDOUS WASTE GENERATOR - database of generators that are regulated under the MA DEP. YON-MA - generates less than 220 pounds or 27 gallons per month of hazardous waste or waste oil SON-MA - generates 220 to 2,700 pounds or 27 to 270 gallons per month of waste oil.LOG-MA - generates greater than 2,200 lbs of hazardous waste or waste oil per month.

**RCRA NLR: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES** - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984,not currently classified by the EPA but are still included in the RCRAInfo database. Reasons for non classification: Failure to report in a timely matter. No longer in business. No longer in business at the listed address. No longer generating hazardous waste materials in quantities which require reporting

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

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

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

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



# Environmental FirstSearch Database Sources

NPL: EPA Environmental Protection Agency

Updated quarterly

NPL DELISTED: EPA Environmental Protection Agency

Updated quarterly

CERCLIS: EPA Environmental Protection Agency

Updated quarterly

NFRAP: EPA Environmental Protection Agency

Updated quarterly

RCRA COR ACT: EPA Environmental Protection Agency

Updated quarterly

RCRA TSD: EPA Environmental Protection Agency

Updated quarterly

RCRA GEN: MA DEP Massachusetts Department of Environmental Protection, Bureau of Waste Prevention

Updated when available

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

Updated quarterly

RCRA NLR: EPA Environmental Protection Agency

Updated quarterly

Fed Brownfield: EPA Environmental Protection Agency

Updated quarterly

ERNS: EPA/NRC Environmental Protection Agency/National Response Center

Updated annually

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

Updated annually

State/Tribal Sites: MA DEP Massachusetts Department of Environmental Protection

Updated quarterly

State Spills 90: MA DEP Massachusetts Department of Environmental Protection

Updated quarterly

State/Tribal SWL: MA DEP Massachusetts Department of Environmental Protection

Updated annually

State/Tribal LUST: MA DEP Massachusetts Department of Environmental Protection

Updated quarterly

State/Tribal UST/AST: MA DEP Massachusetts Department of Environmental Protection

Updated quarterly

State/Tribal IC: MA DEP Massachusetts Department of Environmental Protection

Updated quarterly

State/Tribal Brownfields: MA AGO Massachusetts Attorney General's Office

Updated when available

State ACEC: USFWS United States Fish and Wildlife Services

Updated semi-annually

State ACEC: MassGIS Massachusetts Executive Office of Environmental Affairs

Updated semi-annually

Federal IC / EC: EPA Environmental Protection Agency

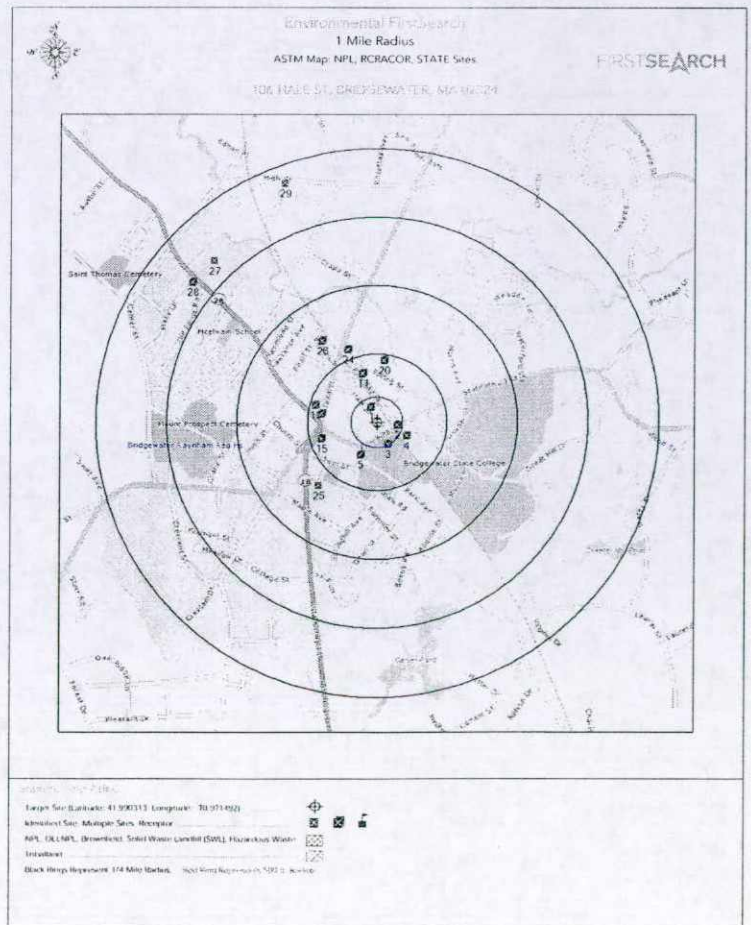
Updated quarterly

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

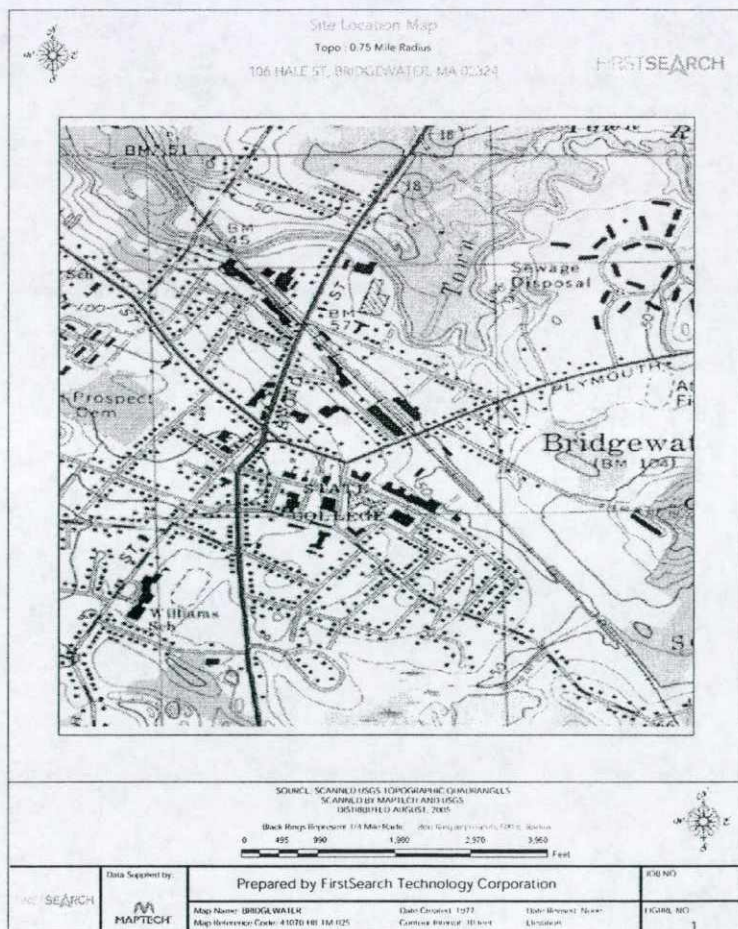
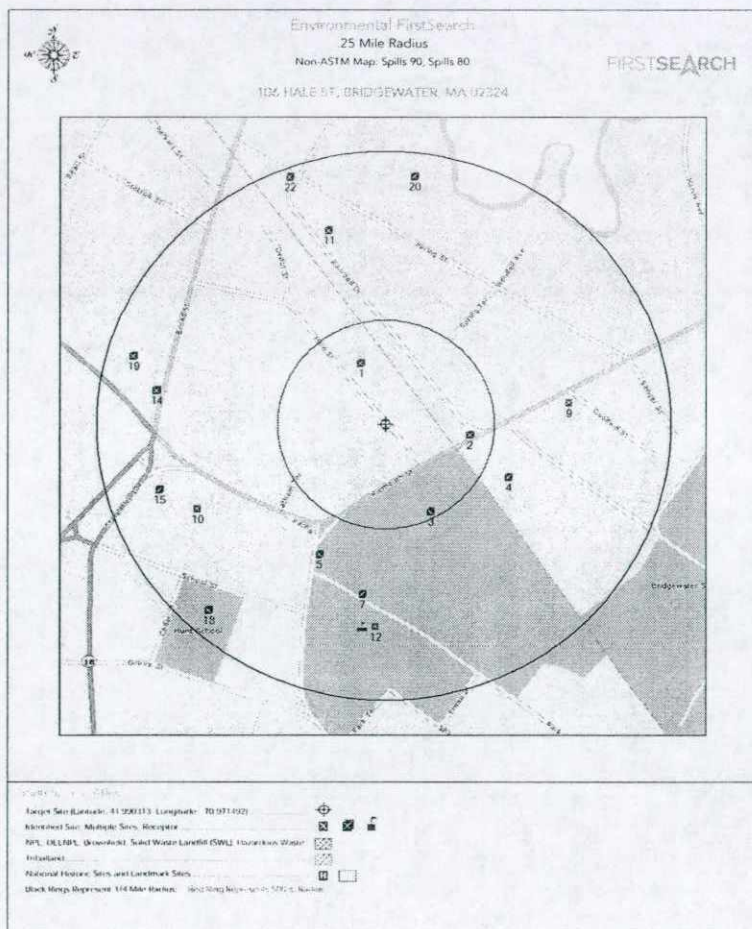
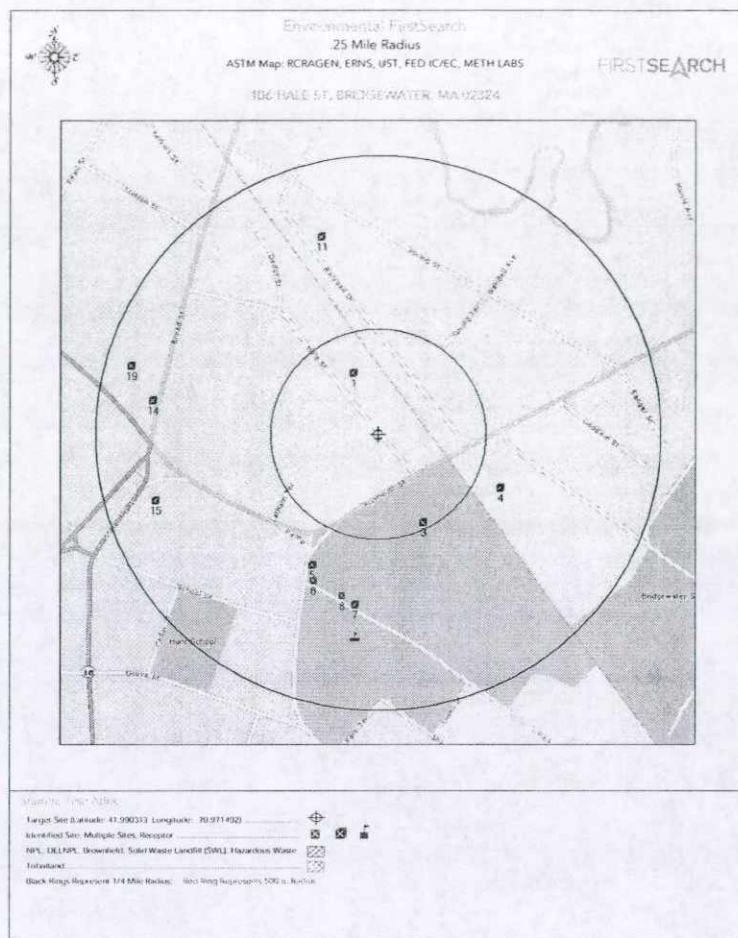
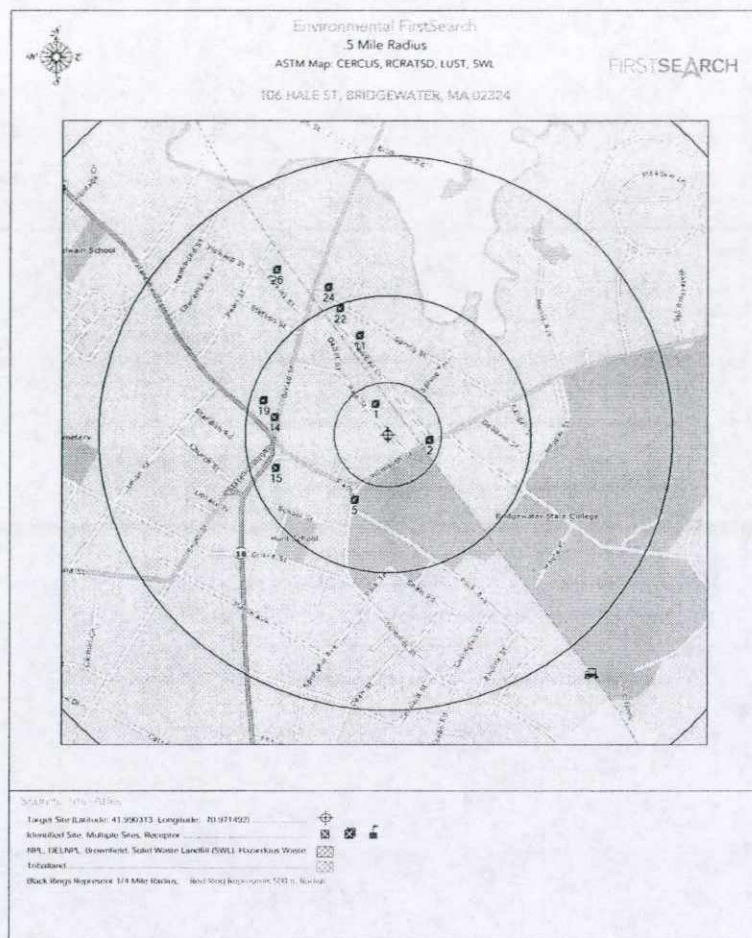
Target Property: 106 HALE ST  
BRIDGEWATER, MA 02324

JOB: 1424-2350

| Street Name     | Dist/Dir | Street Name | Dist/Dir |
|-----------------|----------|-------------|----------|
| Broad St        | 0.19 NW  |             |          |
| Burrill Ave     | 0.11 SE  |             |          |
| Cedar St        | 0.22 SW  |             |          |
| Central Sq      | 0.2 SW   |             |          |
| Connecting Road | 0.21 SW  |             |          |
| Depot St        | 0.14 NW  |             |          |
| Elwell Ave      | 0.24 SE  |             |          |
| Elwell St       | 0.24 SE  |             |          |
| Goodwin St      | 0.16 NE  |             |          |
| HALE ST         | 0.00     |             |          |
| Hoggar St       | 0.25 NE  |             |          |
| Latham Ter      | 0.09 SW  |             |          |
| Park Ave        | 0.15 SE  |             |          |
| Park Ter        | 0.24 SW  |             |          |
| Plymouth St     | 0.05 SE  |             |          |
| Railroad Dr     | 0.06 NE  |             |          |
| Ramp            | 0.09 SW  |             |          |
| Sanger St       | 0.22 NE  |             |          |
| School St       | 0.18 SW  |             |          |
| Shaw Rd         | 0.24 SE  |             |          |
| Spring St       | 0.16 NE  |             |          |
| Spring Ter      | 0.1 NE   |             |          |
| State Hwy 104   | 0.05 SW  |             |          |
| State Hwy 18    | 0.19 NW  |             |          |
| State Hwy 28    | 0.2 SW   |             |          |
| Stetson St      | 0.24 NW  |             |          |
| Summer St       | 0.11 SW  |             |          |
| Wendell Ave     | 0.16 NE  |             |          |







## VI. Site Photographs



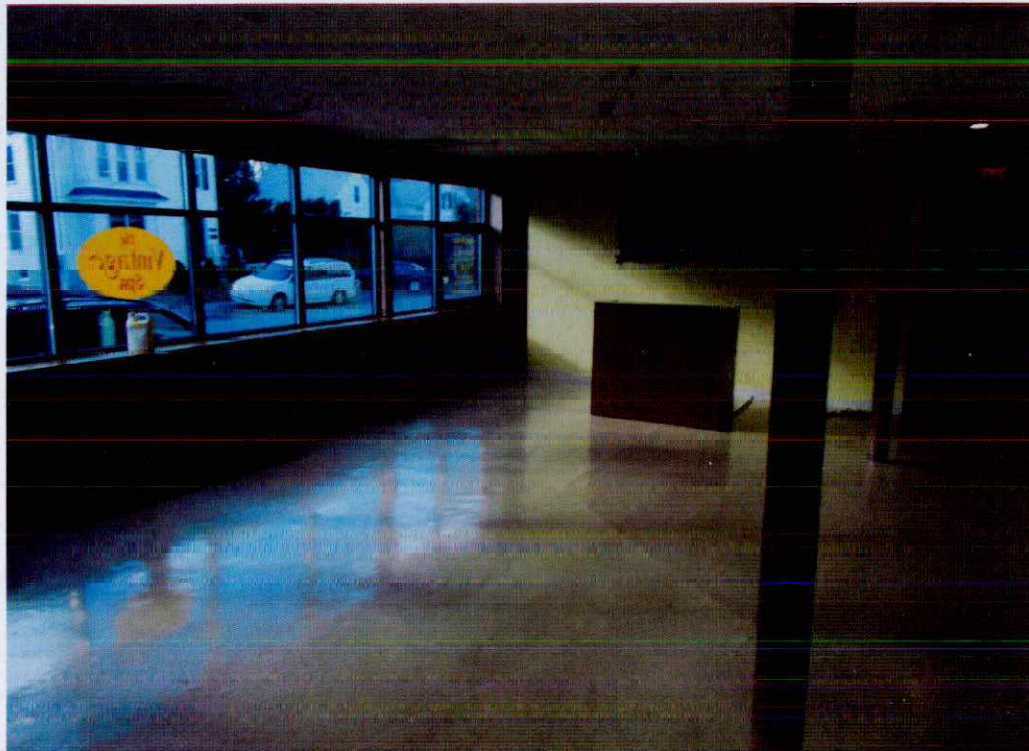


GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA. Gas fired heating unit.



GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA. Storage space used by Ashmont Iron Works.





GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA.  
Former Vintage Spa space.



GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA.  
Former Reality Self Defense space.





GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA. De minimis paint storage in corridor.



GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA. Political sign assembly area with de minimis paint.





GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA.  
Driveway sealer and motor oil.



GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA.  
Automobiles and boat stored in building.





GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA. Site building and abutting MBTA tracks owner is pointing out approximate property line.



GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA. De minimis automotive chemicals in storage area/workshop.





GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA. De minimis petroleum/chemical storage in workshop/storage area.



GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA. Former building location.





GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA.  
Monitoring wells and sheds for LNAPL recovery system.



GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA.  
Storage including pool chemicals in Loch Ness Pools space.





GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA. Utility room with gas fired heating unit and de minimis paint.



GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA. Pesticides locker in Bridgewater State University Space.





GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA. Pipe protruding from ground northern portion of property.



GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA. Pad mounted transformer, northern portion of Site.





GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA. Pipe flange adjacent to intersection of Hale Street and Plymouth Street.



GEC Project No. 1424-2350. November 26, 2012. 106 Hale St. Bridgewater, MA. Former building foundation with likely column footings.

## **VII. Supporting Documentation**



Key: 6069

## Town of BRIDGEWATER - Fiscal Year 2012

11/26/2012 2:09 pm SEQ # 1

| CURRENT OWNER  |   |          |         |          |          |          |      |          |         | PARCEL ID                 |            |           |  | LOCATION    |    |            |              |
|--|---|----------|---------|----------|----------|----------|------|----------|---------|---------------------------|------------|-----------|--|-------------|----|------------|--------------|
| HALE STREET PROPERTIES INC<br>P O BOX 111<br>BRIDGEWATER, MA 02324 |   |          |         |          |          |          |      |          |         | 34-233-0-R                |            |           |  | 106 HALE ST |    |            |              |
|  |   |          |         |          |          |          |      |          |         | TRANSFER HISTORY          |            |           |  | DOS         | T  | SALE PRICE | BK-PG (Cert) |
|  |   |          |         |          |          |          |      |          |         | HALE STREET PROPERTIES IN |            |           |  | 10/11/1994  | G  | 75,000     | 13196-147    |
|  |   |          |         |          |          |          |      |          |         | BEVIS DAVID A TRUSTEE     |            |           |  | 11/09/1992  | G  | 200,000    | 11406-107-08 |
|  |   |          |         |          |          |          |      |          |         | INDEPENDENT NAIL INC      |            |           |  | 10/03/1972  | QS | 160,000    | 3823-768     |
| CD   | T | ACRES/SF | BASE    | FACT     | PHY      | ADJ BASE | SAF  | OBS      | Lpi     | VC                        | CREDIT AMT | ADJ VALUE |  |             |    |            |              |
| 83   | A | 1.546    | C5 1.00 | 100 1.00 | 100 1.00 | 179,200  | 1.00 | 100 1.00 | C5 1.28 |                           |            | 277,040   |  |             |    |            |              |

| TOTAL | 1.546 Acres | ZONING               | FRNT | 0 | ASSESSED | CURRENT | PREVIOUS |
|-------|-------------|----------------------|------|---|----------|---------|----------|
| BASE  | C5          | N C/W 234...<br>NOTE |      |   | LAND     | 277,000 | 278,300  |
| FACT  | FACTOR 100  |                      |      |   | BUILDING | 560,100 | 573,200  |
| PHY   | PHY 100     |                      |      |   | DETACHED | 5,900   | 6,800    |
|       |             |                      |      |   | OTHER    | 0       | 0        |
|       |             |                      |      |   | TOTAL    | 843,000 | 858,300  |

| TY  | QUAL | COND | DIM/NOTE            | YB | UNITS | ADJ PRICE | RCNLD |
|-----|------|------|---------------------|----|-------|-----------|-------|
| PAV | A    | 1.00 | 70 0.30 ASPH PAVING |    | 7,500 | 2.60      | 5,900 |

| BUILDING | CD | ADJ  | DESC               | MEASURE | LIST | REVIEW | 1/27/2011 | DF |
|----------|----|------|--------------------|---------|------|--------|-----------|----|
| MODEL    | 5  |      | CIM-5              |         |      |        |           |    |
| STYLE    | 63 | 0.68 | LIGHT MANUF. [55%] |         |      |        |           |    |
| QUALITY  | A  | 1.00 | AVERAGE [100%]     |         |      |        |           |    |
| FRAME    | 2  | 1.00 | MASONRY [100%]     |         |      |        |           |    |

| YEAR BLT   | 1900   | SIZE ADJ   | 1.000 | ELEMENT      | CD | DESCRIPTION  | ADJ  | S | BAT | T | DESCRIPTION | UNITS  | YB   | ADJ PRICE | RCN       | TOTAL RCN | 2,000,316 |
|------------|--------|------------|-------|--------------|----|--------------|------|---|-----|---|-------------|--------|------|-----------|-----------|-----------|-----------|
| NET AREA   | 34,685 | DETAIL ADJ | 0.661 | FOUNDATION   | 2  | SLAB         | 1.00 | A | BAS | L | BASE AREA   | 6,296  | 1900 | 57.67     | 363,096   |           |           |
| \$NLA(RCN) | \$58   | OVERALL    | 1.000 | EXT. COVER   | 12 | BRICK VENEER | 1.05 | + | USF | L | UP-STRY FIN | 9,420  | 1900 | 57.67     | 543,260   |           |           |
|            |        |            |       | ROOF SHAPE   | 4  | FLAT/SHED    | 0.98 | + | BAS | L | BASE AREA   | 18,969 | 1900 | 57.67     | 1,093,960 |           |           |
|            |        |            |       | ROOF COVER   | 11 | MEMBRANE     | 1.02 |   |     |   |             |        |      |           |           |           |           |
|            |        |            |       | FLOOR COVER  | 9  | CONCRETE     | 0.95 |   |     |   |             |        |      |           |           |           |           |
|            |        |            |       | INT. FINISH  | 6  | MINIMUM      | 0.95 |   |     |   |             |        |      |           |           |           |           |
|            |        |            |       | HEATING/COOL | 4  | STEAM        | 1.01 |   |     |   |             |        |      |           |           |           |           |
|            |        |            |       | FUEL SOURCE  | 2  | GAS          | 1.00 |   |     |   |             |        |      |           |           |           |           |

| CAPACITY    | UNITS | ADJ  |
|-------------|-------|------|
| STORIES     | 1     | 1.00 |
| % HEATED    | 100   | 1.00 |
| % AIR COND  | 0     | 1.00 |
| % SPRINKLER | 100   | 1.02 |

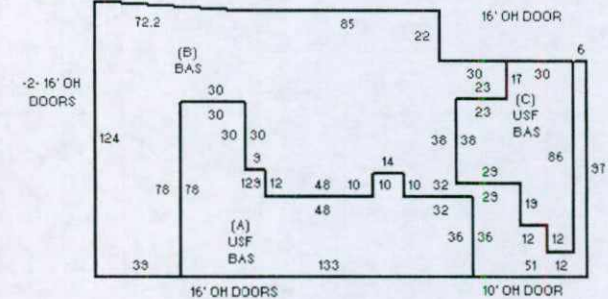
PHOTO [07/25/2007]



## BLDG COMMENTS

MULTI RENT MILL THE VINTAGE SPA/REALITY  
SELF DEFENSE/THE STRENGTH STUDIO/HALE ST  
PROPERTIES/BUILDING SERVICES/NORTHERN  
ENT/REP DAVID FLYNN/VAC

| CLASS  | CLASS%     | DESCRIPTION   |             |        | BN ID      | BN | CARD   |     |
|--------|------------|---------------|-------------|--------|------------|----|--------|-----|
| 4000   | 100        | MANUFACT BLDG |             |        |            | 1  | 1 of 1 |     |
| PMT NO | PMT DT     | TY            | DESC        | AMOUNT | INSP       | BY | 1st    | %   |
| 12-274 | 05/22/2012 | 3             | ALTERATIONS | 1,100  |            |    | 0      | 0   |
| 09-351 | 09/22/2009 | 3             | ALTERATIONS | 8,000  | 05/07/2010 | DF | 100    | 100 |
| 06-024 | 01/19/2006 | 3             | ALTERATIONS | 6,500  | 07/26/2007 | DF | 100    | 100 |
| 03-817 | 11/14/2003 | 4             | DEMO        | 6,000  | 05/11/2004 | JF | 100    | 100 |
| 02-555 | 08/05/2002 | 3             | ALTERATIONS | 20,000 |            |    | 100    | 100 |



EFF.YR/AGE 1949 / 61

COND 52 52% BAD  
FUNC 20  
ECON 0  
DEPR 72 % GD 28

RCNLD \$560,100



**FIRE INSURANCE MAP ABSTRACT RESEARCH RESULTS**

Report Date: 11/19/2012

Client Job Number: 1424-2350

FirstSearch Index Number: 350488

Site Address(es): 106 HALE ST

BRIDGEWATER, MA 02324

This abstract is the result of a visual inspection of various Sanborn® Map collections. Supporting documentation follows in the Appendix. Use of this material is meant for research purposes only.

Listed below, please find the results of our search for historic fire insurance maps, performed in conjunction with your Environmental FirstSearch® report.

| State         | City        | Date | Volume | Sheet Number(s) |
|---------------|-------------|------|--------|-----------------|
| Massachusetts | Bridgewater | 1962 | none   | 4               |
| Massachusetts | Bridgewater | 1943 | none   | 4               |
| Massachusetts | Bridgewater | 1931 | none   | 4               |
| Massachusetts | Bridgewater | 1921 | none   | 5, abutter: 9   |
| Massachusetts | Bridgewater | 1912 | none   | 4               |
| Massachusetts | Bridgewater | 1906 | none   | 4               |
| Massachusetts | Bridgewater | 1901 | none   | 1               |
| Massachusetts | Bridgewater | 1896 | none   | 1               |
| Massachusetts | Bridgewater | 1891 | none   | 1               |
| Massachusetts | Bridgewater | 1885 | none   | abutter: 3      |

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*FirstSearch Environmental Information**10 Cottage Street, Norwood, MA 02062**Tel: 781-551-0470 Fax: 781-551-0471*

Appendix  
Supporting Documentation











Dec. 1921  
**BRIDGEWATER**  
MASS.

5

60'

HALE

4

SOLE LEATHER & LACING BAT  
STOCKING & LACING DIE  
MACHINE CO.  
35 FOUNDRY  
35 FOUNDRY

OFFICE & STORAGE

**L. Q. WHITE SHOE FACTORY**  
SOLE LEATHER & LACING BAT  
STOCKING & LACING DIE  
MACHINE CO.  
35 FOUNDRY  
35 FOUNDRY

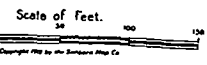
SOLE LEATHER & LACING BAT  
STOCKING & LACING DIE  
MACHINE CO.  
35 FOUNDRY  
35 FOUNDRY

SPRING

34  
(13)

**EASTERN GRAIN CO.**  
RAY GRIN & FLOUR  
AS MATERIALS AND SPECIALTIES  
FLOURS, CRACKS, CEREALS, ETC.  
ALL GRAIN AND FEEDS DELIVERED  
BY RAIL OR WAGON

PLYMOUTH ST. N. RAIL

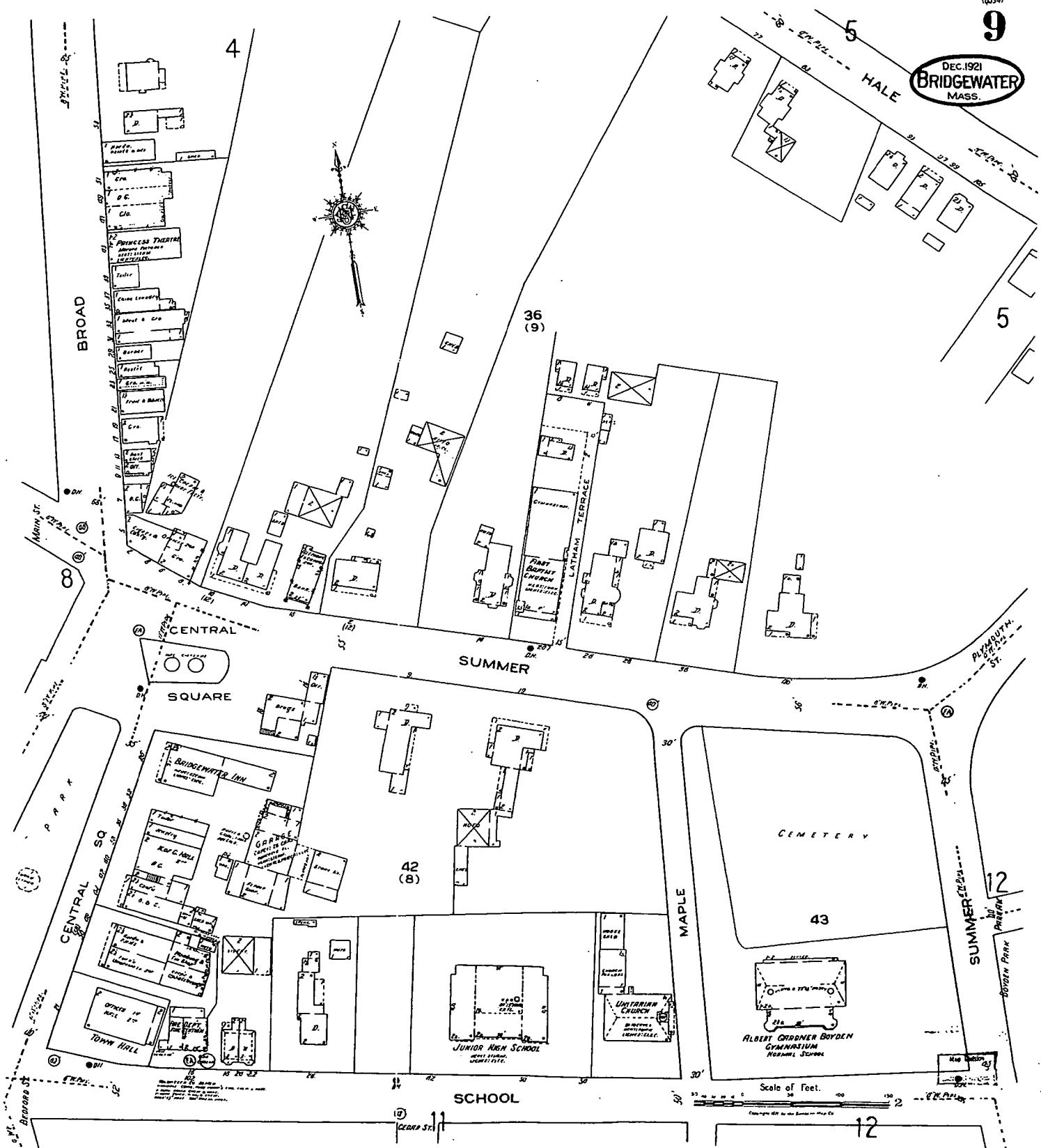


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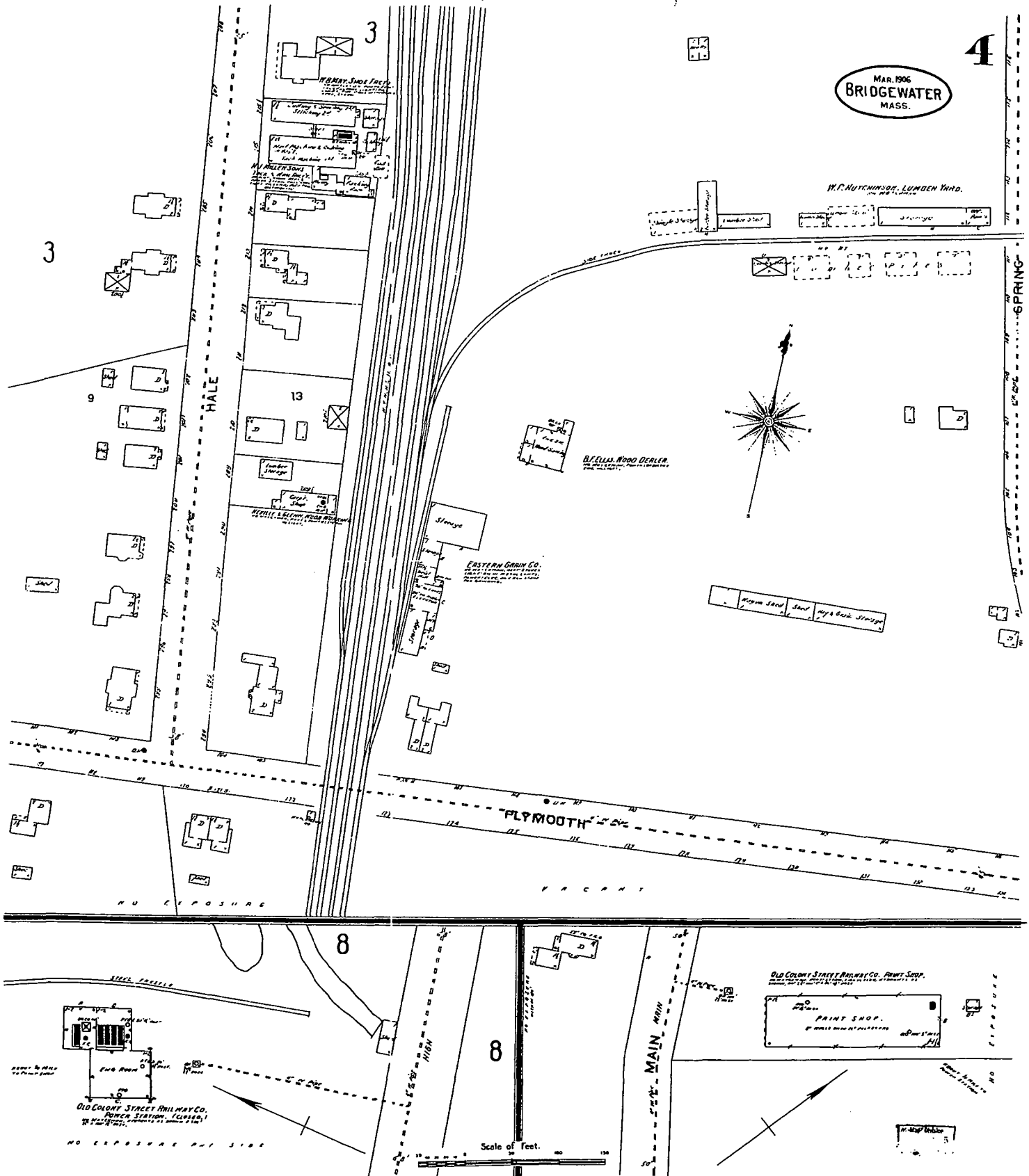
Map Division  
Library of Congress

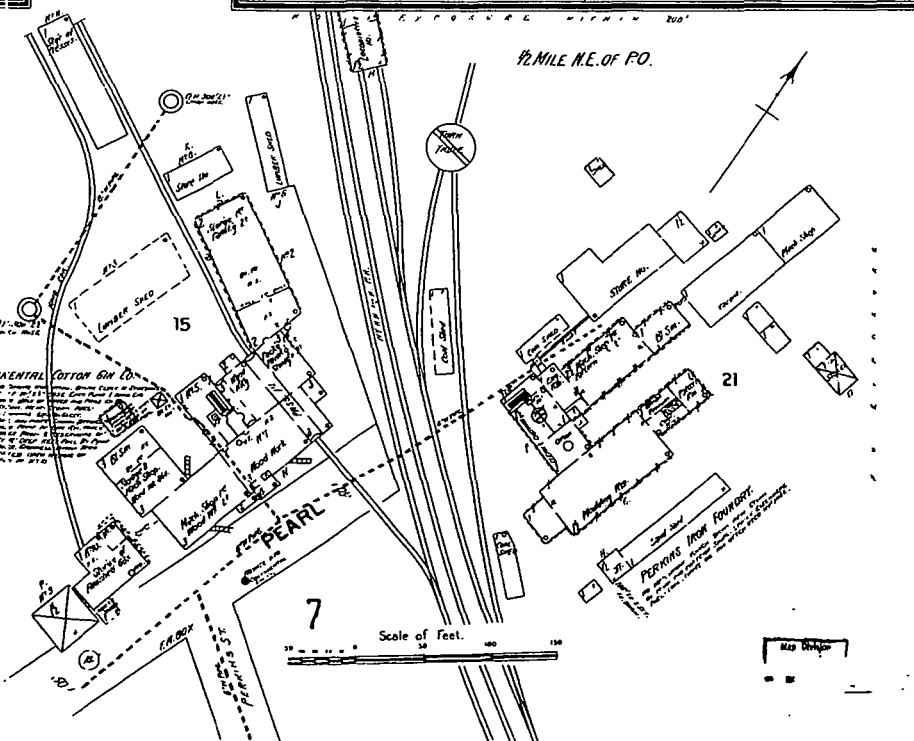
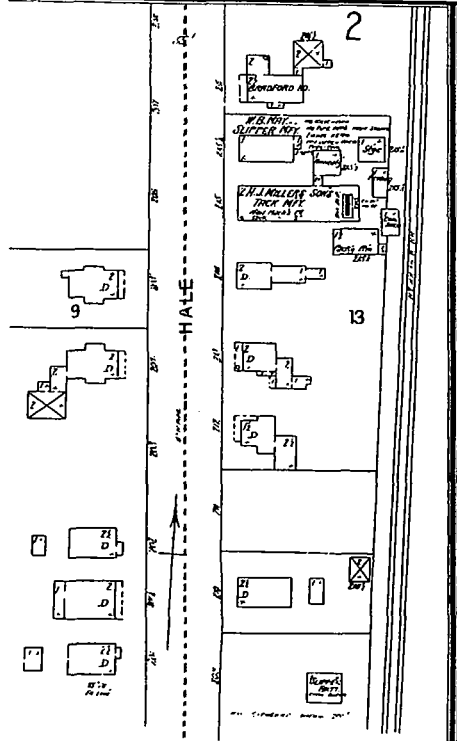
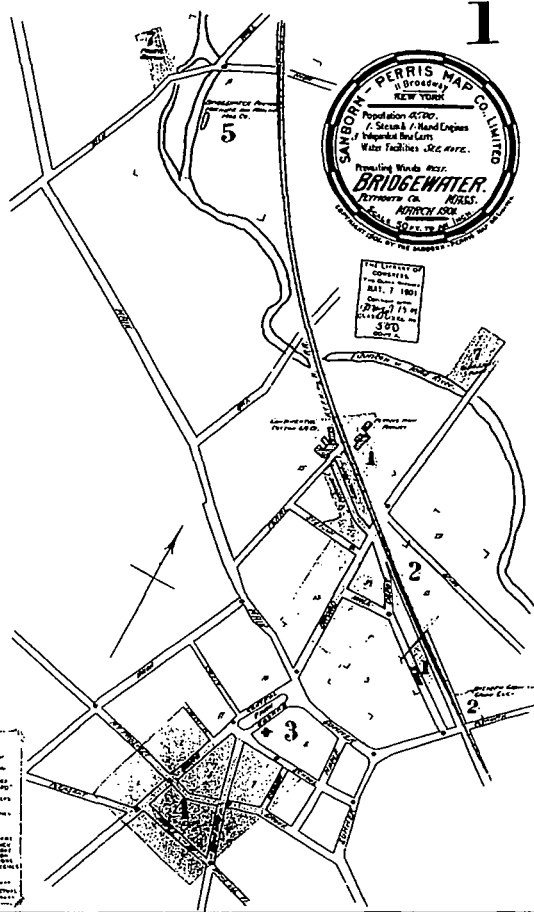
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**9**

DEC. 1921  
**BRIDGEWATER**  
MASS.







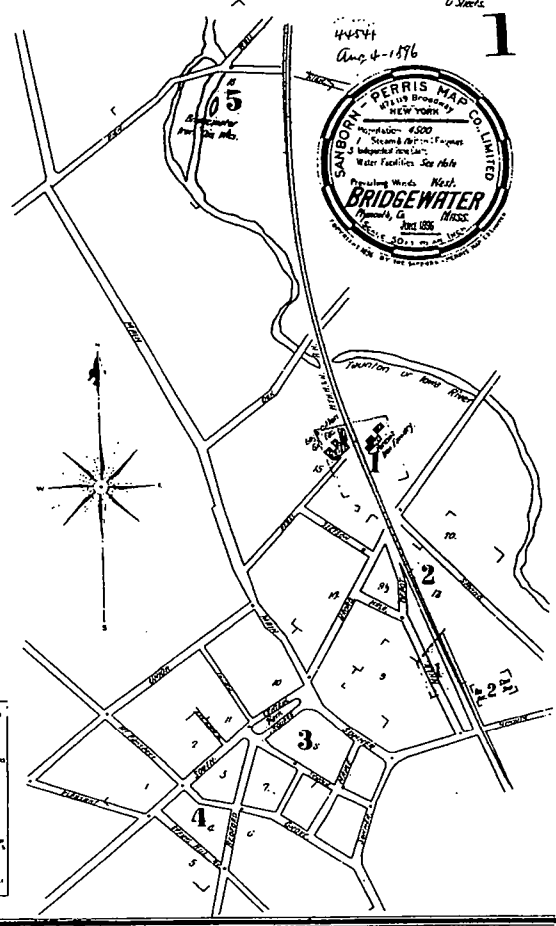
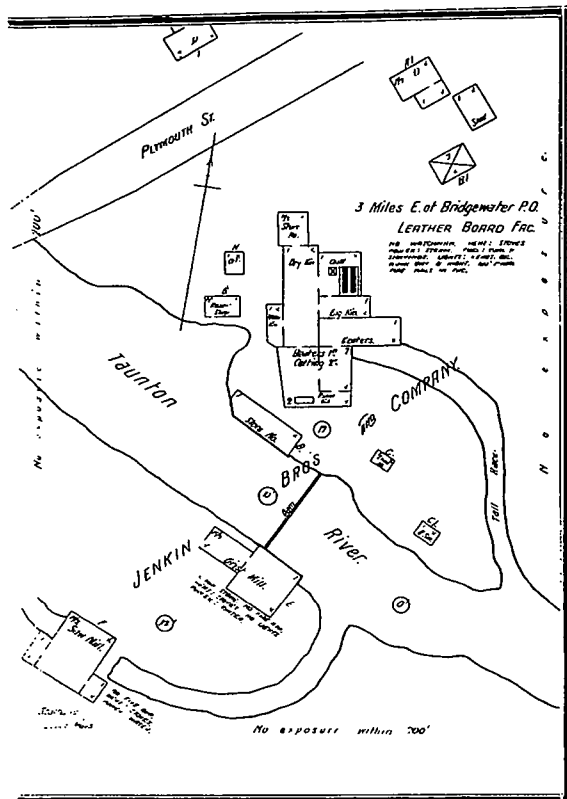
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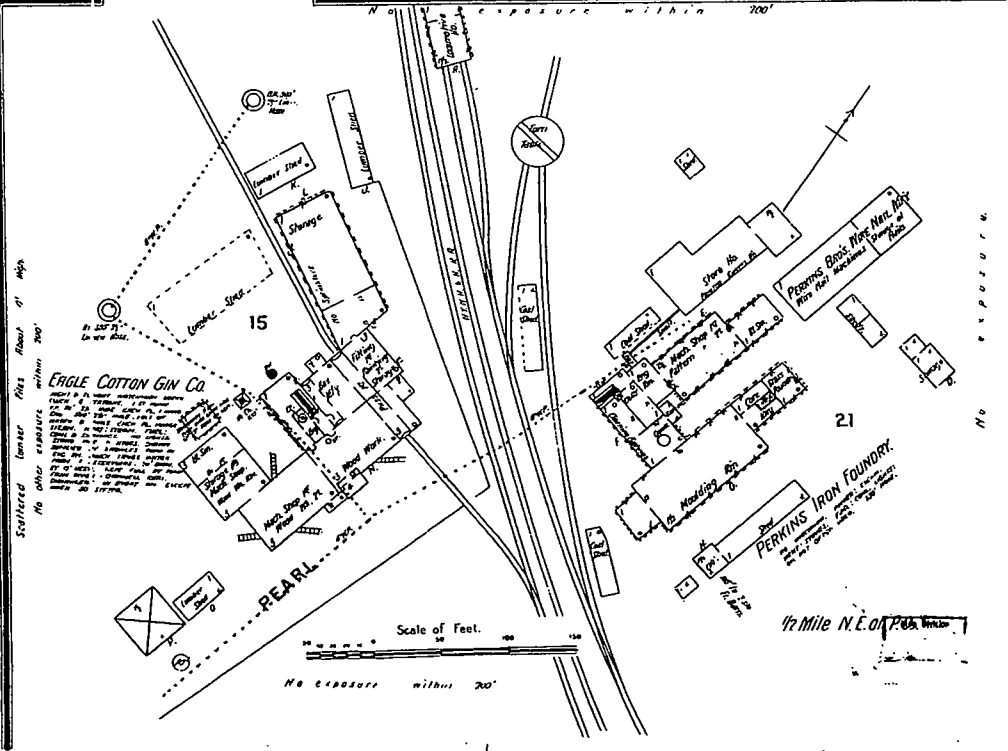
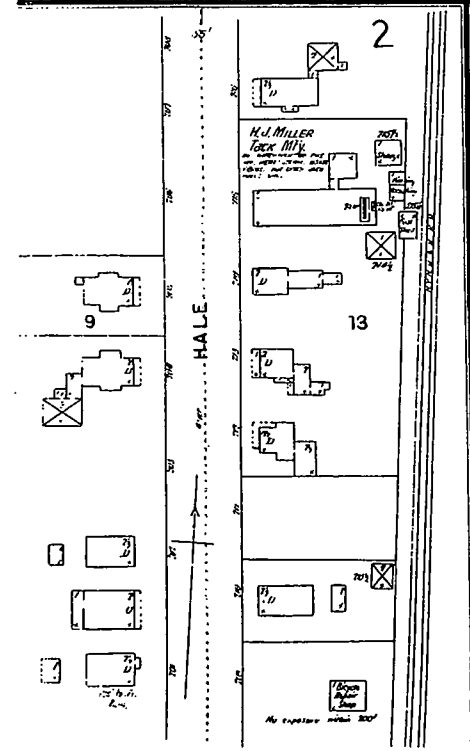
Note.  
Water Facilities: shown on 17' map, 11' 10" map  
The yellow shaded area of ground on 17' map, 11' 10" map  
is the same as the yellow shaded area on 17' map, 11' 10" map  
The yellow shaded area on 17' map, 11' 10" map is the same as the  
yellow shaded area on 17' map, 11' 10" map. The yellow shaded area  
on 17' map, 11' 10" map is the same as the yellow shaded area  
on 17' map, 11' 10" map. The yellow shaded area on 17' map, 11' 10" map  
is the same as the yellow shaded area on 17' map, 11' 10" map.

# INDEX.

| SPECIALS.                              |   |
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| Bridgewater Academy & High School..... | 4 |
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| - Coal Yard.....                       | 2 |
| - Iron Works.....                      | 2 |
| - Spring House.....                    | 2 |
| Brown, H. Paint Shop.....              | 2 |
| C                                      |   |
| Carver Cotton Gin Factory.....         | 6 |
| Central Hotel.....                     | 6 |
| Central Square Church.....             | 2 |
| D                                      |   |
| Deas, J. Foundry.....                  | 6 |
| E                                      |   |
| Eagle Cotton Gin Co.....               | 1 |
| H                                      |   |
| Harlow, B. Carriage Shop.....          | 2 |
| Howard Foundry.....                    | 2 |
| J                                      |   |
| Jenkins Iron & Co. Mfg.....            | 1 |
| L                                      |   |
| Library Building.....                  | 2 |
| Locomotive Works.....                  | 2 |
| M                                      |   |
| McKenna, W. D. Shoe Factory.....       | 2 |
| Marshall Building.....                 | 2 |
| Methodist Episcop. Church.....         | 2 |
| Miller, H. J. Truck Mfg.....           | 2 |
| N                                      |   |
| N. Y., N. H. & H. N. H. Depot.....     | 1 |
| Locomotive Ho.....                     | 1 |
| P                                      |   |
| Perkins Iron Foundry.....              | 1 |
| Perkins Bros. Wire Nail Mfg.....       | 1 |
| S                                      |   |
| Swedenborgs Church.....                | 2 |
| T                                      |   |
| Town Hall.....                         | 2 |
| U                                      |   |
| Unitarian Church.....                  | 2 |



| KEY.                   |                        |
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| 91. 1000 ft. 1000 ft.  | 100. 1000 ft. 1000 ft. |



## SPECIALS

[illegible]

**NOTE**

[illegible][illegible][illegible]

THE UNIVERSITY OF MICHIGAN LIBRARY

SCATTERED  
LUMBER PILES

Mile N.E. of P.G.

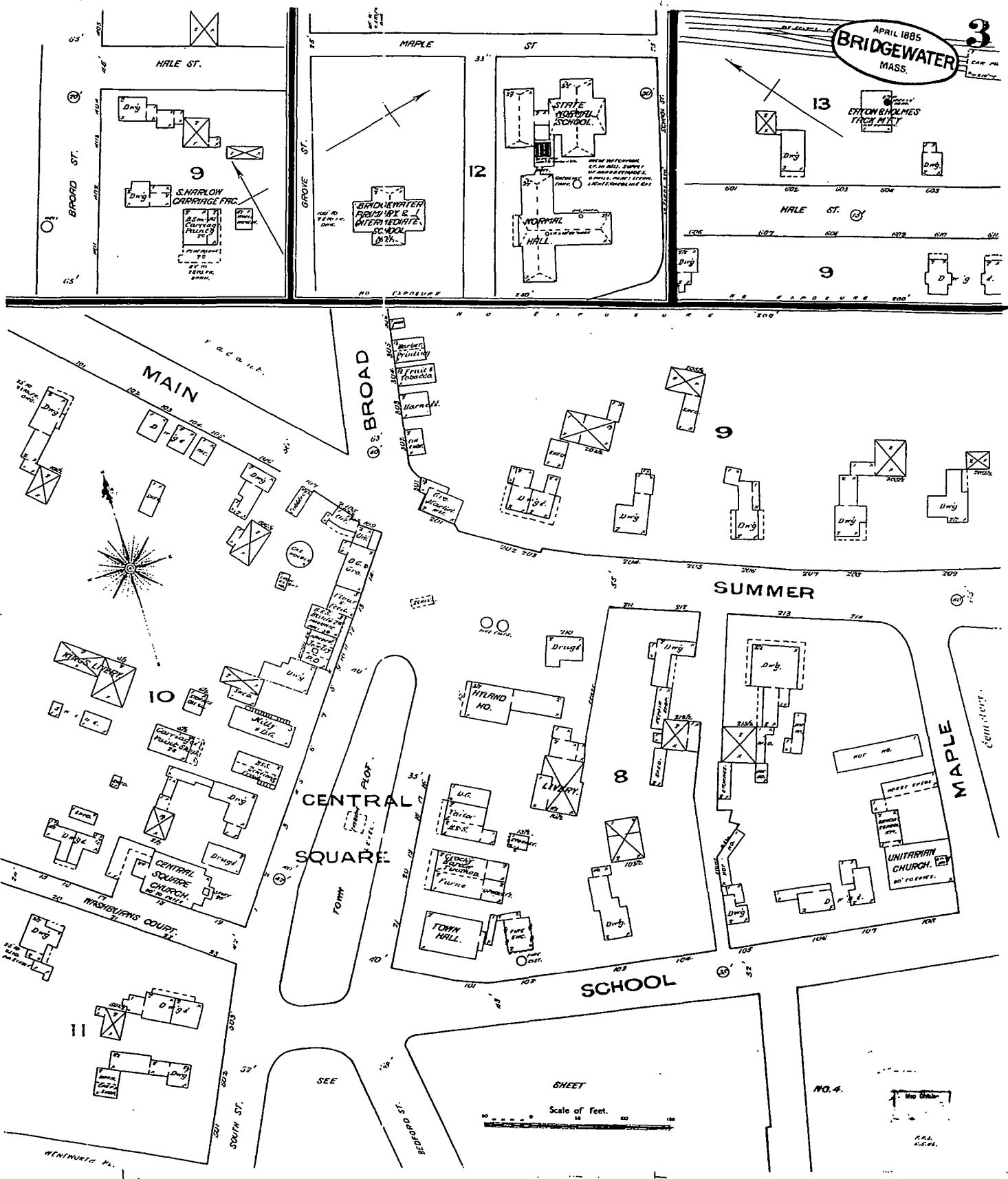
PEARL

Scale of Feet

1891

APRIL 1885  
BRIDGEWATER  
MASS.

3



## CITY DIRECTORY REVIEW

Report Date: 11/19/2012

Client Job Number: 1424-2350

FirstSearch Index Number: 350498

Site Address(es): 106 HALE ST

BRIDGEWATER, MA 02324

A search was conducted for the subject area noted above to identify any Historical City Directory coverage/tenant information maintained at national repositories, local city/town libraries and/or various public sources.

The following information is the result of the search:

| Year/Source            | Address (es)                     | Listings                       |
|------------------------|----------------------------------|--------------------------------|
| 2012/InfoUSA Directory | 115 1/2 Hale St Bridgewater, MA: | Douglas, Tony                  |
|                        | 93 Hale St Bridgewater, MA:      | Battista, Barry                |
|                        | 97 Hale St Bridgewater, MA:      | Foley, Darlene                 |
|                        | 99 Hale St Bridgewater, MA:      | Mendonca, David Jr             |
|                        | 105 Hale St Bridgewater, MA:     | Baganha, Maria                 |
|                        |                                  | Furtado, Jose                  |
|                        | 106 Hale St Bridgewater, MA:     | Atlantic Concrete Construction |
|                        |                                  | Bridgewater Bottle & Can Rtrn  |
|                        |                                  | Nfp 80 B Recording             |
|                        |                                  | Reality Self Defense           |
|                        |                                  | Vintage Spa                    |
|                        | 113 Hale St Bridgewater, MA:     | Moura, Steve                   |
|                        | 115 Hale St Bridgewater, MA:     | Mitchell, Amanda               |
|                        |                                  | Moura, Rosa                    |
|                        | 121 Hale St Bridgewater, MA:     | Komorny, Sherri                |
| 2007/Cole Directory    |                                  | Moura, Lucia                   |
|                        | 93 Hale St Bridgewater, MA:      | Curran, Ryan                   |
|                        |                                  | Kane, Liam                     |
|                        |                                  | Mabee, Richard                 |
|                        |                                  | Pelser, Marc                   |
|                        | 97 Hale St Bridgewater, MA:      | Occupant Unknown               |

| Year/Source         | Address (es)                 | Listings                           |
|---------------------|------------------------------|------------------------------------|
| 2007/Cole Directory | 99 Hale St Bridgewater, MA:  | Ghelli, Justin                     |
|                     | 105 Hale St Bridgewater, MA: | Baganha, Maria                     |
|                     |                              | Furtado, Catherine                 |
|                     |                              | Furtado, Jose                      |
|                     | 106 Hale St Bridgewater, MA: | Atlantic Concrete Construction Inc |
|                     |                              | Hale Street Properties Inc         |
|                     |                              | Northeast Realty Sign Inc          |
|                     |                              | Siscoe Enterprises Inc             |
|                     |                              | The Vintage Spa                    |
|                     | 113 Hale St Bridgewater, MA: | Hillis, Virginia                   |
|                     |                              | Moura, Steve                       |
|                     | 115 Hale St Bridgewater, MA: | Occupant Unknown                   |
|                     | 121 Hale St Bridgewater, MA: | Carter, Thomas                     |
|                     |                              | Moura, Lucia                       |
|                     |                              | Vicens, Guillermo                  |
| 2004/Cole Directory | 93 Hale St Bridgewater, MA:  | Apazidis, Alexios                  |
|                     |                              | Curran, Ryan                       |
|                     |                              | Mabee, Richard                     |
|                     |                              | Oicles, Richard                    |
|                     |                              | Pelser, Marc                       |
|                     | 97 Hale St Bridgewater, MA:  | Foley, Darlene                     |
|                     | 99 Hale St Bridgewater, MA:  | Ghelli, Justin                     |
|                     | 105 Hale St Bridgewater, MA: | Baganha, Maria                     |
|                     |                              | Furtado, Jose                      |
|                     | 106 Hale St Bridgewater, MA: | Atlantic Concrete Construction     |
|                     |                              | Bridgewater Bottle & Can Rtrn Inc  |
|                     |                              | Diamond Real Estate Services       |
|                     |                              | Loten Art Lighting                 |
|                     |                              | Loten, Art                         |
|                     |                              | Northeast Realty Sign Inc          |
|                     |                              | Realty Self Defence                |
|                     |                              | Total Beverage Systems             |
|                     | 110 Hale St Bridgewater, MA: | Flynn David L Cmt To Elect         |
|                     | 113 Hale St Bridgewater, MA: | Hillis, Virginia                   |
|                     |                              | Moura, Steve                       |
|                     | 115 Hale St Bridgewater, MA: | Occupant Unknown                   |

| Year/Source         | Address (es)                 | Listings                                   |
|---------------------|------------------------------|--|
| 2004/Cole Directory | 121 Hale St Bridgewater, MA: | Moura, Manuel                              |
| 2000/Cole Directory | 93 Hale St Bridgewater, MA:  | Gill, Melissa                              |
|                     |                              | Hinchliffe, Nate                           |
|                     |                              | Oicles, Richard                            |
|                     | 97 Hale St Bridgewater, MA:  | Rabinovitz, G                              |
|                     | 99 Hale St Bridgewater, MA:  | Jerome, J                                  |
|                     | 105 Hale St Bridgewater, MA: | Furtado, John                              |
|                     | 106 Hale St Bridgewater, MA: | Andrews Stanley D Electrician              |
|                     |                              | Atlantic Concrete Construction             |
|                     |                              | Boulder Sheet Metal Incorporated           |
|                     |                              | Bridgewater Bottle & Can Redemption        |
|                     |                              | Collins Janet A Furniture Maker            |
|                     |                              | Hale Street Properties Incorporated        |
|                     |                              | Matson Academy Of Uechi Ryu Karate         |
|                     |                              | Taunton River Watershed All                |
|                     |                              | Total Beverage Systems                     |
|                     | 110 Hale St Bridgewater, MA: | Flynn David L Committee To Elect           |
|                     | 113 Hale St Bridgewater, MA: | Drass, Stephen                             |
|                     |                              | Moura, Steve                               |
|                     | 115 Hale St Bridgewater, MA: | Moura, Manuel                              |
|                     | 121 Hale St Bridgewater, MA: | Moura, Manuel                              |
| 1995/Cole Directory | 77 Hale St Bridgewater, MA:  | Pilgrim Warehouse & Cartage                |
|                     | 93 Hale St Bridgewater, MA:  | Oicles, C                                  |
|                     | 97 Hale St Bridgewater, MA:  | Enos, Wm                                   |
|                     | 105 Hale St Bridgewater, MA: | Furtado, John                              |
|                     |                              | Furtado, Jose M                            |
|                     | 106 Hale St Bridgewater, MA: | Cool Breeze Heating & Air Conditioning Inc |
|                     |                              | Gallagher, Wm                              |
|                     |                              | Hale Street Properties Inc                 |
|                     |                              | Matson Academy Of Uechi Ryu Karate         |
|                     | 113 Hale St Bridgewater, MA: | Last, Davis M                              |
|                     | 115 Hale St Bridgewater, MA: | Mitchell, Robt                             |
|                     |                              | Moura, Manuel                              |
|                     | 121 Hale St Bridgewater, MA: | Moura, Manuel Cabral                       |
|                     |                              | Pelton, Shawn                              |

| Year/Source         | Address (es)                     | Listings             |
|---------------------|----------------------------------|----------------------|
| 1992/Cole Directory |                                  |                      |
|                     | 115 1/2 Hale St Bridgewater, MA: | Last, David M        |
|                     | 83 Hale St Bridgewater, MA:      | Andrews, Moses       |
|                     |                                  | Enos, Jos F          |
|                     | 93 Hale St Bridgewater, MA:      | Durgin, M            |
|                     | 97 Hale St Bridgewater, MA:      | Enos, Wm             |
|                     | 105 Hale St Bridgewater, MA:     | Furtado, John        |
|                     |                                  | Furtado, Jose M      |
|                     | 106 Hale St Bridgewater, MA:     | Independent Nail Inc |
|                     | 113 Hale St Bridgewater, MA:     | Moura, Manuel Cabral |
|                     | 115 Hale St Bridgewater, MA:     | Fruzzetti, Michael   |
|                     |                                  | Moura, Manuel        |
|                     | 121 Hale St Bridgewater, MA:     | Laham, Kenneth       |

No additional coverage was available at the time of this search.

The above listed search includes listings from 1992-2012 for the subject property plus four adjacent addresses up from the subject property and four adjacent addresses down from the subject property if available.

Although great care has been taken by FirstSearch Environmental Information in compiling and verifying the information contained in this report to insure that it is accurate, FirstSearch Environmental Information disclaims any and all liability for any errors, omissions, or inaccuracies in such information and data.





Historical Aerial Photo  
2010

**106 HALE ST  
BRIDGEWATER, MA 02324**

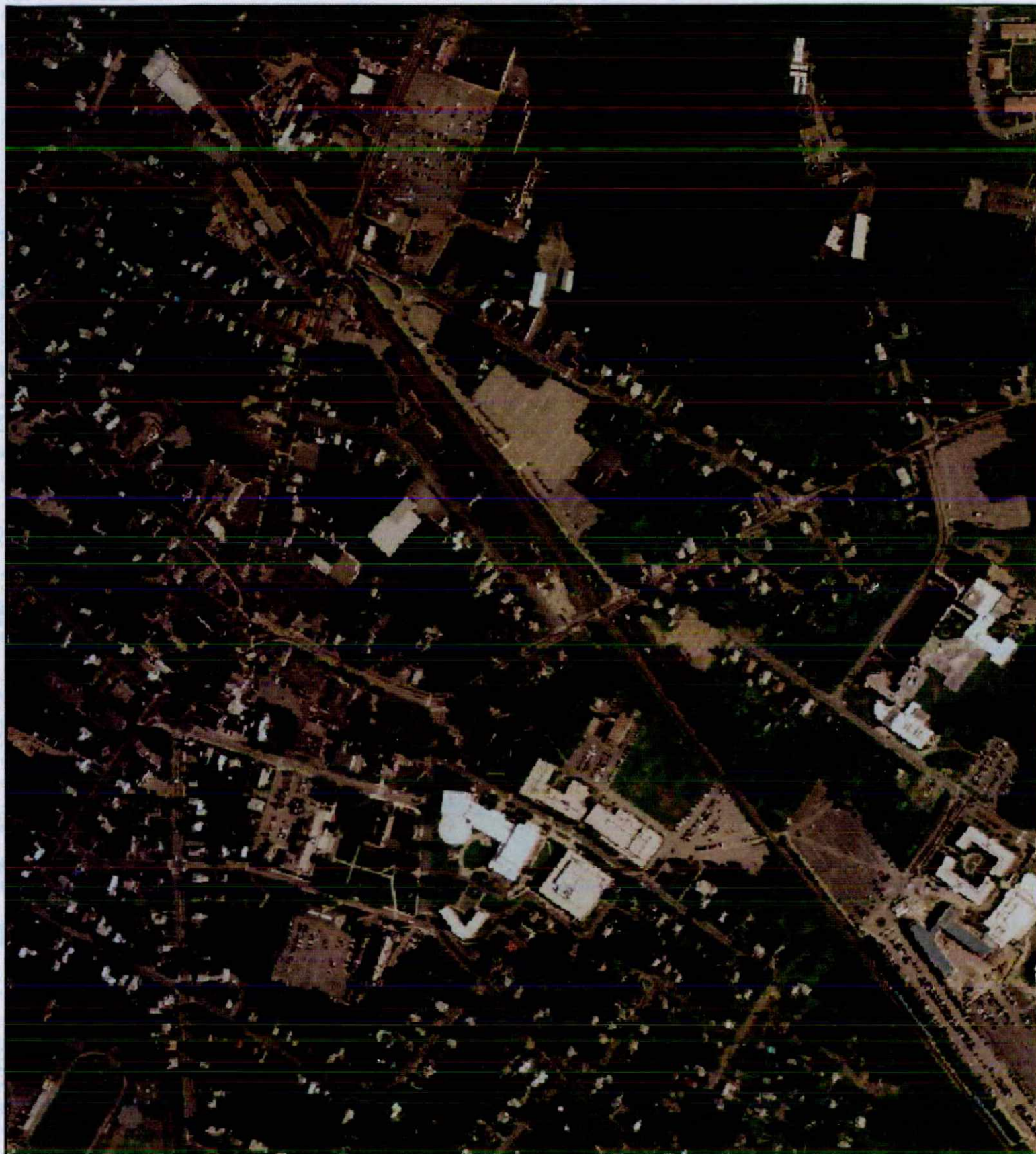
Target Site: 41.990313 -70.971492; Job Number: 1424-2350

**FIRSTSEARCH**



1 inch equals 500 feet





Historical Aerial Photo  
2006

**106 HALE ST  
BRIDGEWATER, MA 02324**

Target Site: 41.990313 -70.971492; Job Number: 1424-2350

**FIRSTSEARCH**



1 inch equals 500 feet





Historical Aerial Photo  
2004

**106 HALE ST  
BRIDGEWATER, MA 02324**

Target Site: 41.990313 -70.971492; Job Number: 1424-2350

**FIRSTSEARCH**



1 inch equals 500 feet





Historical Aerial Photo  
2003

**106 HALE ST  
BRIDGEWATER, MA 02324**

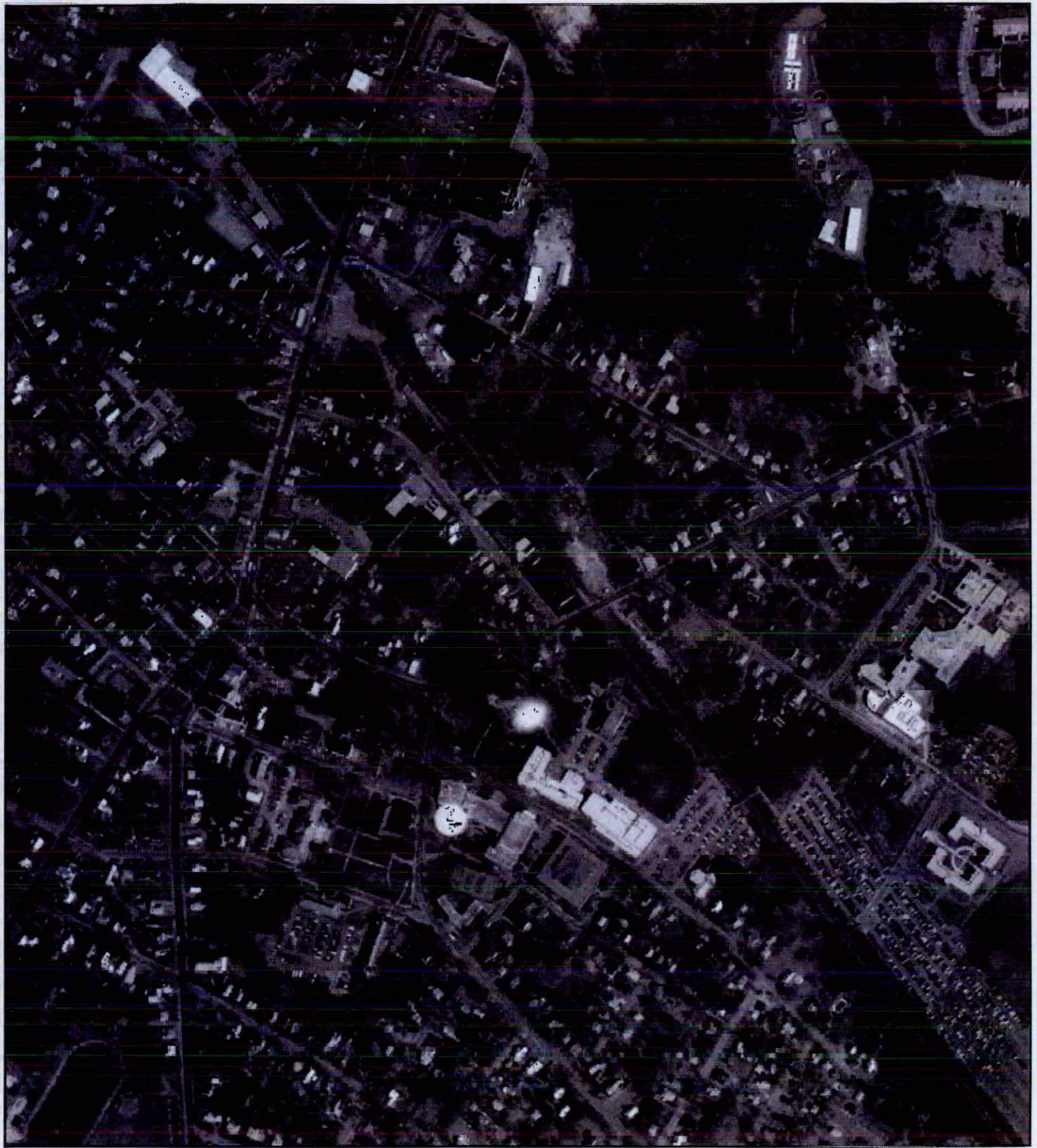
Target Site: 41.990313 -70.971492; Job Number: 1424-2350

**FIRSTSEARCH**



1 inch equals 500 feet





Historical Aerial Photo  
1995

**106 HALE ST  
BRIDGEWATER, MA 02324**

Target Site: 41.990313 -70.971492; Job Number: 1424-2350

**FIRSTSEARCH**



1 inch equals 500 feet





Historical Aerial Photo  
1985

**106 HALE ST  
BRIDGEWATER, MA 02324**

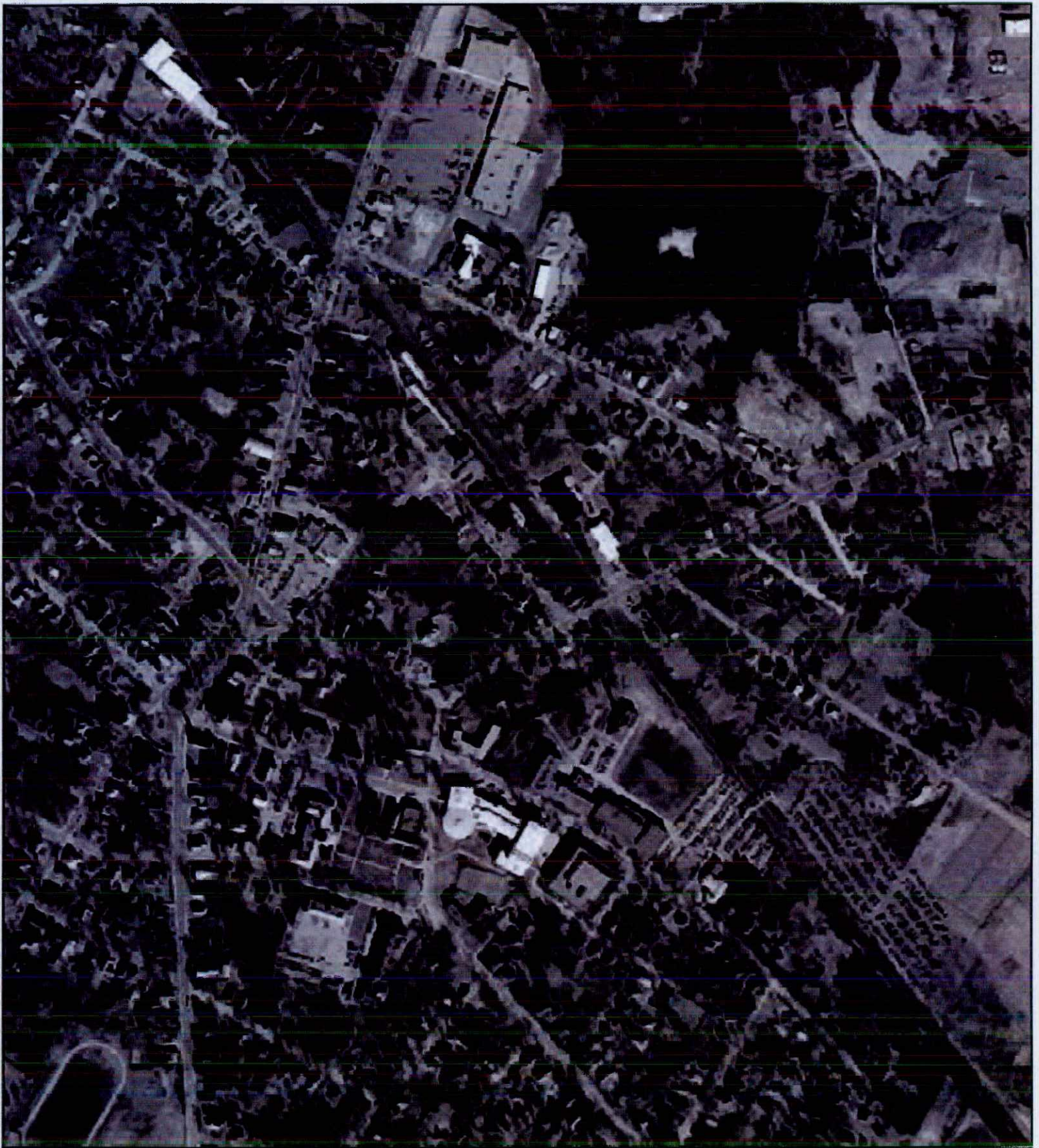
Target Site: 41.990313 -70.971492; Job Number: 1424-2350

**FIRSTSEARCH**



1 inch equals 500 feet





Historical Aerial Photo  
1974

**106 HALE ST  
BRIDGEWATER, MA 02324**

Target Site: 41.990313 -70.971492; Job Number: 1424-2350

**FIRSTSEARCH**



1 inch equals 500 feet





Historical Aerial Photo  
1960

**106 HALE ST  
BRIDGEWATER, MA 02324**

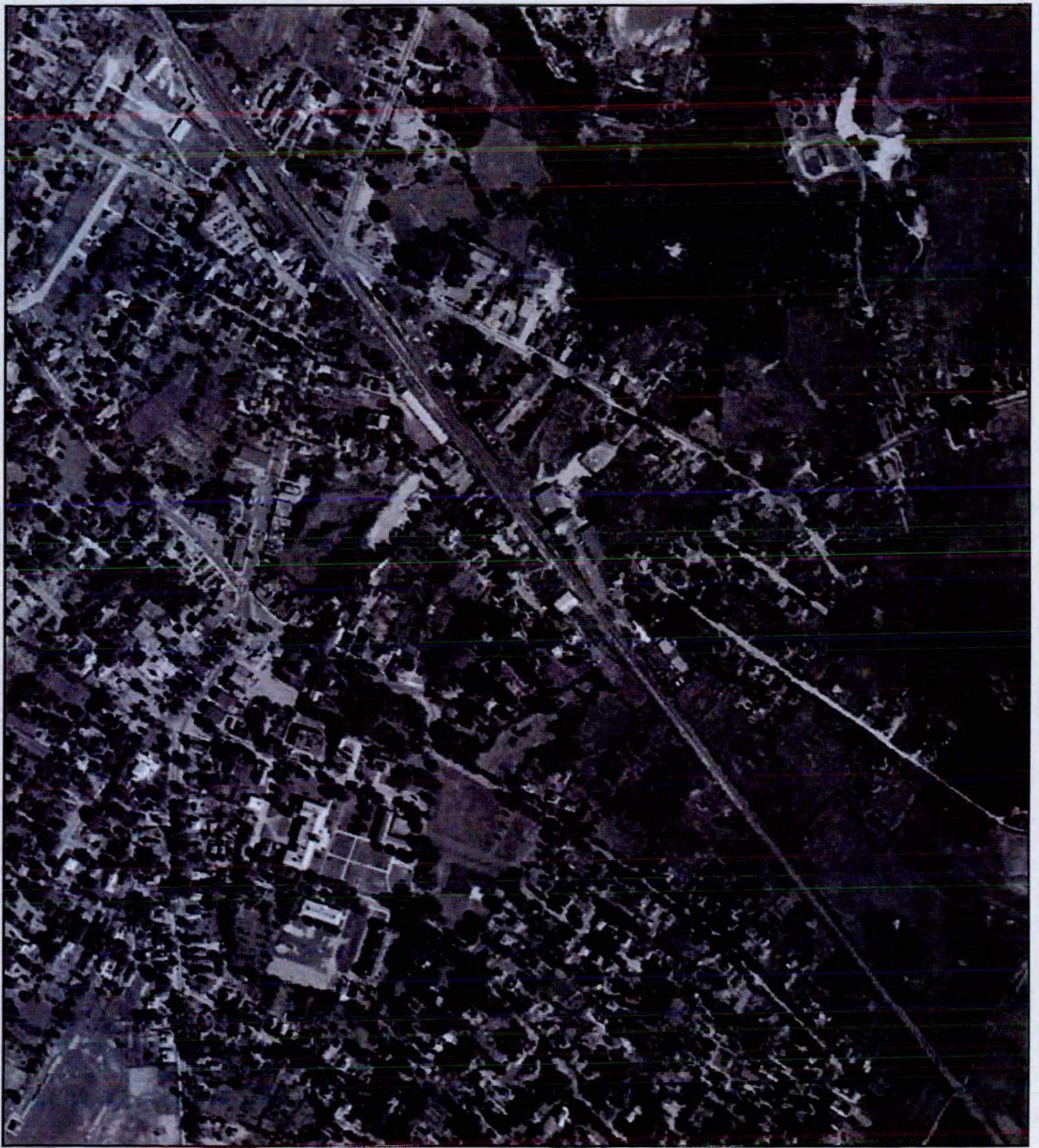
Target Site: 41.990313 -70.971492; Job Number: 1424-2350

**FIRSTSEARCH**



1 inch equals 500 feet





Historical Aerial Photo  
1952

**106 HALE ST  
BRIDGEWATER, MA 02324**

Target Site: 41.990313 -70.971492; Job Number: 1424-2350

**FIRSTSEARCH**



1 inch equals 500 feet





Historical Aerial Photo  
1943

**106 HALE ST  
BRIDGEWATER, MA 02324**

Target Site: 41.990313 -70.971492; Job Number: 1424-2350

**FIRSTSEARCH**



1 inch equals 500 feet





Historical Aerial Photo  
1941

**106 HALE ST  
BRIDGEWATER, MA 02324**

Target Site: 41.990313 -70.971492; Job Number: 1424-2350

**FIRSTSEARCH**



1 inch equals 500 feet





Silva  
Engineering  
Associates, P.C.

Lawrence P. Silva, P.E., L.S.P.

## ***RESPONSE ACTION OUTCOME***

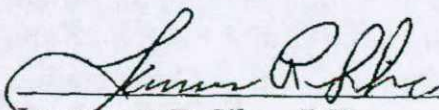
106 Hale Street  
Bridgewater, Massachusetts

### ***Prepared For:***

William P. Renny  
Hale Street Properties  
106 Hale Street  
Bridgewater, Massachusetts

### ***Prepared By:***

Silva Engineering Associates, P.C.  
1615 Bedford Street  
Bridgewater, Massachusetts 02324  
Project Number - B96032

  
Lawrence P. Silva, P.E.  
Licensed Site Professional



11/15/96



## Introduction

On behalf of William Renny of Hale Street Properties, Inc., Silva Engineering Associates, P.C. (SEA) submits this Response Action Outcome (RAO) Report for the site identified as 106 Hale Street located in the Town of Bridgewater, Massachusetts. Please refer to Figure 1 for a site locus plan. The site is further identified by the Department of Environmental Protection (Department) as release tracking number 4-12138.

## Release Description

On May 13, 1996, a Notice of Responsibility (NOR) was issued by the Department to Hale Street Properties, Inc. in response to oral notification of a "threat of release" of oil and/or hazardous material from an abandoned underground storage tank at the subject site. The following activities were required by the NOR:

- *"Remove all product from the UST.*
- *Perform a preliminary assessment of the soils surrounding the UST.*
- *Determine the size of the UST and structures it is located under.*
- *Notify the Department of the name of the Licensed Site Professional retained by you to oversee the IRA."*

## Response Actions

On May 24, 1996, Lawrence P. Silva of SEA arrived at the site to oversee tank removal activities. Please refer the Tank Closure Report (Appendix A) and to the previously submitted Immediate Response Action Plan (Appendix B) for a detailed description of the tank removal activities. The tank was surrounded by sand and there was no sign of groundwater. It was noted that there were no obvious signs of contamination.

## Conclusion

It is the opinion of Lawrence P. Silva, Licensed Site Professional #9030, that there was no release of oil and/or hazardous material to the subject site related to the removed underground storage tank and a Class A-1 Response Action Outcome has been achieved. This site does not present any risk of harm to health, safety, public welfare or the environment at the present time or in the foreseeable future.



Silva  
Engineering  
Associates, P.C.

Lawrence P. Silva, P.E., L.S.P.

FILE COPY

**TANK CLOSURE REPORT**

106 Hale Street  
Bridgewater, Massachusetts

*Prepared For:*

William P. Renny  
Hale Street Properties  
106 Hale Street  
Bridgewater, Massachusetts

*Prepared By:*

Silva Engineering Associates, P.C.  
1615 Bedford Street  
Bridgewater, Massachusetts 02324  
Project Number - B96032

Lawrence P. Silva, P.E.  
Licensed Site Professional

6/18/96



## Introduction

At the request of William P. Renny, Silva Engineering Associates, P.C. (SEA) supervised the removal of one underground storage tank from the site known as 106 Hale Street located in Bridgewater, Massachusetts. Please refer to Figure 1 for a site locus plan. The purpose of SEA's involvement was to document the activities completed by Bevis Construction of Bridgewater, Massachusetts, the tank removal contractor. This report serves as a permanent record of the events and observations made by SEA while overseeing the removal process.

## Tank Removal Activities

On May 24, 1996, Lawrence P. Silva of SEA arrived at the site to oversee tank removal activities. Please refer to Figure 2 for a plan of existing conditions. Bevis Construction had already removed the concrete slab over the tank. The tank was exposed and holes were cut in the sidewall. A total of three hundred gallons of oil was pumped from the tank by Oil Energy Recovery, Inc. for disposal of the product at their facility in Rollinsford, New Hampshire. Please refer to Appendix A for the hazardous waste manifest. There was no obvious contamination noted. The tank was surrounded by sand and there was no sign of groundwater.

According to Bevis Construction, the fill line was present at the start of excavation, but there was no vent observed at that time. The building had previously been demolished sometime in 1995. The room which contained the tank had also been the location of an old gas meter. Apparently, conversion sometime ago had occurred with the tank remaining abandoned in place.

The tank measured 68 inches long by 48 inches in diameter. The tank was located immediately below the slab and approximately 18 inches below the sidewalk elevation.

Ed Murphy of the Bridgewater Fire Department and Stan Kravitz of the Bridgewater Board of Health arrived on-site at approximately 10:00 a.m. Mr. Kravitz dug a hole in the bottom of the excavation and found water at 39 inches. Frank Simmons of ATC Environmental of Woburn, Massachusetts was also on site during the removal on behalf of the MBTA.

SEA completed field screening of the soils along the sidewalls and bottom of the excavation using an HNU Photoionization meter. No detection of contamination was noted. Two soil samples were taken 6 inches below the tank invert for analytical testing.



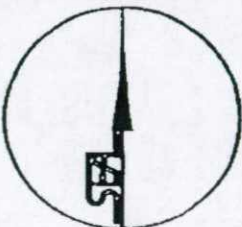
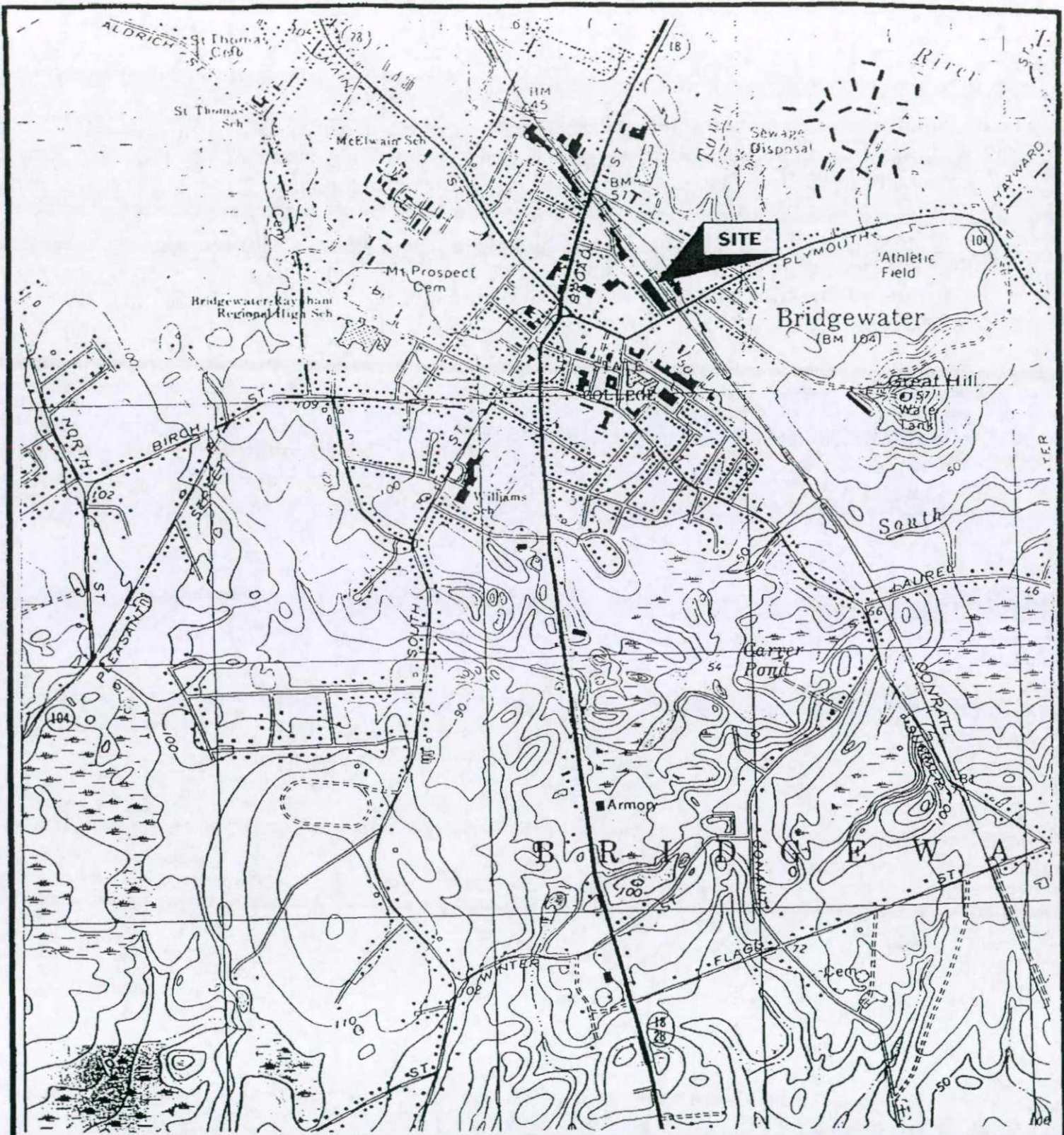
The tank had surficial rust but there was no evidence of release. Bevis-Construction was allowed to remove and dispose of the tank. Upon completion of the tank removal activity, SEA indicated approval to backfill the excavated area.

The soil samples were refrigerated prior to transport to Laboratory Resources of Brooklyn, Connecticut for total petroleum hydrocarbon (TPH) analysis via GC/FID. The results of the analysis revealed no petroleum hydrocarbon patterns in the samples submitted.

#### Conclusions and Recommendations

It is the professional opinion of Lawrence P. Silva that the tank removal activity was completed without incident and that no visible signs of leakage or overfills were noted.





## SITE LOCUS

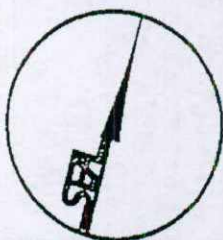
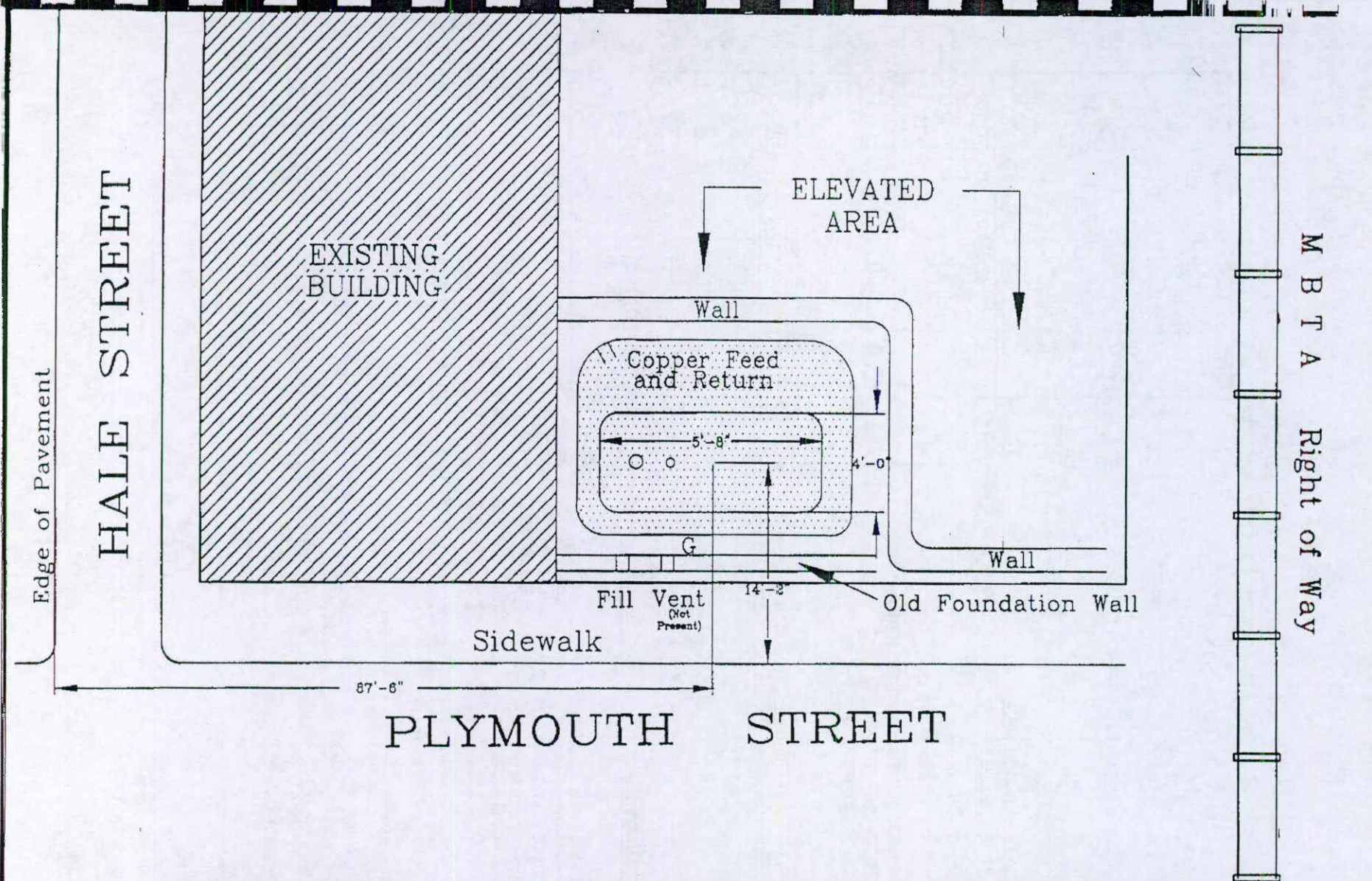
**SEI** SILVA  
ENGINEERING  
ASSOCIATES, P.C.  
CIVIL ENGINEERS & ENVIRONMENTAL CONSULTANTS  
1515 BEDFORD STREET BRIDGEWATER, MA 02324  
PHONE (508) 697-3100 FAX (508) 697-3136

**SITE,**  
**106 HALE STREET**  
**BRIDGEWATER, MA.**

**PREPARED FOR:**  
**WILLIAM P. RENNY**

| SCALE | DATE     | ACAD FILE | FIGURE |
|-------|----------|-----------|--------|
| NONE  | 06/12/90 | B98032    | 1      |





### LEGEND

G - GAS METER

### EXISTING CONDITIONS

**SEA** SILVA  
ENGINEERING  
ASSOCIATES, P.C.  
CIVIL ENGINEERS & ENVIRONMENTAL CONSULTANTS  
1615 BEDFORD STREET BRIDGEWATER, MA. 02324  
PHONE (508) 697-3100 FAX (508) 697-3136

**SITE,  
106 HALE STREET  
BRIDGEWATER, MA.**

**PREPARED FOR:  
WILLIAM P. RENNY**

| SCALE | DATE     | ACAD FILE | FIGURE |
|-------|----------|-----------|--------|
| NONE  | 06/12/96 | B96032-1  | 2      |





MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION  
HAZARDOUS WASTE MATERIALS  
100 Winter Street  
Boston, Massachusetts 02108

Batch 1056

Please use this form designed for use in the State of Massachusetts.

UNIFORM HAZARDOUS  
WASTE MANIFEST

MP5086974111 05/14/96

2 Page information sheet  
of 1 is not required by regulation

3. Generator's Name and Mailing Address  
Hale Street Properties  
106 Hale St., Bridgewater, MA 02324

4. Generator's Phone (508) 697-4111

5. Transporter 1 Company Name

OIL ENERGY RECOVERY, INC.

MA0985294818

7. Transporter 2 Company Name

US EPA ID Number

9. Designated Facility Name and Site Address

OIL ENERGY RECOVERY, INC.  
141 ROLLINS ROAD, UNIT 123  
ROLLINSFORD, NH 03869

US EPA ID Number

NH0986488980

A. State Manifest Document Number

MA J153868

B. State Gen. ID

SAME

C. State Trans. ID

AP9465NH

D. Transporter's Phone (508) 897-6040

E. State Trans. ID

F. Transporter's Phone ( )

G. State Facility's ID

Not Required

H. Facility's Phone (603) 749-6072

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

a. WASTE COMBUSTIBLE LIQUID, N.O.S. (OIL)  
COMBUSTIBLE LIQUID, NA 1993,

| 12. Containers | 13. Total Quantity | 14. Unit Wt/Vol | 15. Waste No. |
|----------------|--------------------|-----------------|---------------|
| No.            | Type               |                 |               |
| 1              | TT                 | 20300           | MA98          |
|                |                    |                 |               |
|                |                    |                 |               |
|                |                    |                 |               |
|                |                    |                 |               |
|                |                    |                 |               |
|                |                    |                 |               |
|                |                    |                 |               |
|                |                    |                 |               |

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)

a. USED OIL TO BE RECYCLED

K. Handling Codes for Wastes Listed Above

1. 1012

15. Special Handling Instructions and Additional Information

EMERGENCY RESPONSE GUIDE NO. 27

EMERGENCY PHONE (508) 897-6040

GENERATOR CERTIFIES THAT THIS OIL HAS NOT BEEN MIXED WITH EITHER PCB'S AS REGULATED PER 40CFR PART 761 OR HAZARDOUS WASTE(S) AS DEFINED IN 40CFR PART 261.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to manage the volume and toxicity of waste generated to the degree I have determined to be economically or technically feasible; that I have selected the practicable method of treatment, storage, or disposal, OR, if I am a small quantity generator, I have made a good faith effort to manage the waste generated and select the best waste management method that is available to me at the time.

Printed/Typed Name

DAVID BEVIS

Signature

David C. Bign agent for OSV/H96

Date

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Michael E. Gentuso

Signature

Michael E. Gentuso

Date

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Michael E. Gentuso

Signature

Michael E. Gentuso

Date

Month Day Year

OSV/H96

COPY 3:

ALL INFORMATION TO GENERATOR

MA J153868

COPY 3:

FACILITY MAILS TO GENERATOR





COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF HAZARDOUS MATERIALS  
One Winter Street  
Boston, Massachusetts 02108

Batch 1056

Basic form is designed for use on site. 12 pitch type writer.

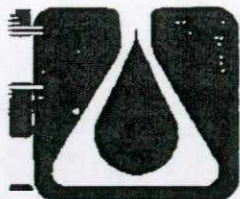
| UNIFORM HAZARDOUS WASTE MANIFEST   |  | 1. Generator's US EPA ID No.<br><b>MP50869741110516A</b>  | Manifest Document No.<br><b>MA J153860</b>             | 2. Page<br>of <b>1</b>  | Information in the shaded area is not required by Federal law. |
|--|--|---|--|-------------------------|--|
| 3. Generator's Name and Mailing Address<br><b>106 Hale St. Bridgewater, MA 02324</b>   |  |   | A. State Manifest Document Number<br><b>MA J153860</b> |                         |  |
| 4. Generator's Phone<br><b>508 697-4111</b>  |  |   | B. State Gen. ID<br><b>SAME</b>                        |                         |  |
| 5. Facility's Name<br><b>OIL ENERGY RECOVERY, INC.</b>   |  |   | C. State Trans. ID<br><b>AP9469NH</b>                  |                         |  |
| 6. Facility's US EPA ID Number<br><b>MAD985294818</b>  |  |   | D. Transporter's Phone<br><b>508 897-6040</b>          |                         |  |
| 7. Transporter's Company Name  |  |   | E. State Trans. ID                                     |                         |  |
| 8. US EPA ID Number  |  |   | F. Transporter's Phone ( )                             |                         |  |
| 9. Designated Facility Name and Site Address<br><b>OIL ENERGY RECOVERY, INC.<br/>141 ROLLINS ROAD, UNIT 123<br/>ROLLINSFORD, NH 03869</b>  |  |   | G. State Facility's ID<br><b>Not Required</b>          |                         |  |
| 10. US EPA ID Number<br><b>NHD986488980</b>  |  |   | H. Facility's Phone<br><b>603 749-6072</b>             |                         |  |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)   |  | 12. Containers<br>No. Type  | 13. Total Quantity                                     | 14. Unit Wt/Vol         | 15. Waste No.  |
| a. <b>WASTE COMBUSTIBLE LIQUID, N.O.S. (OIL)<br/>COMBUSTIBLE LIQUID, NA 1993.</b>  |  | <b>0011100130</b>   | <b>G</b>   | <b>MA98</b>             |  |
| b.   |  |   |  |                         |  |
| c.   |  |   |  |                         |  |
| d.   |  |   |  |                         |  |
| J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)<br><b>USED OIL TO BE RECYCLED</b>  |  | K. Handling Codes for Wastes Listed Above<br><b>AB1111</b>  |  |                         |  |
| 15. Special Handling Instructions and Additional Information<br><b>EMERGENCY RESPONSE GUIDE NO. 27<br/>EMERGENCY PHONE (508) 897-6040</b>  |  | <b>GENERATOR CERTIFIES THAT THIS OIL HAS NOT BEEN MIXED WITH EITHER PCB'S AS REGULATED PER 40CFR PART 761 OR HAZARDOUS WASTE(S) AS DEFINED IN 40CFR PART 261.</b> |  |                         |  |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  |  |   |  |                         |  |
| If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR If I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. |  |   |  |                         |  |
| Printed/Typed Name<br><b>DAVID A. BEVIS</b>  |  | Signature<br><i>David A. Bevis</i>  |  | Date<br><b>05/16/96</b> |  |
| 17. Transporter 1 Acknowledgement of Receipt of Materials<br>Printed/Typed Name<br><b>Michael E. Gentry</b>  |  | Signature<br><i>Michael E. Gentry</i>   |  | Date<br><b>05/16/96</b> |  |
| 18. Transporter 2 Acknowledgement of Receipt of Materials<br>Printed/Typed Name  |  | Signature   |  | Date                    |  |
| 19. Discrepancy Indication Space   |  |   |  |                         |  |
| 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.   |  |   |  |                         |  |
| Printed/Typed Name<br><b>Michael E. Gentry</b>   |  | Signature<br><i>Michael E. Gentry</i>   |  | Date<br><b>05/17/96</b> |  |

MA J153860 COPY 3: FACILITY MAINTS TO GENERATOR

COPY 3:

FACILITY MAINTS TO GENERATOR





Laboratory Resources, Inc.

New England Division

RECEIVED JUN 17 1996

Route 205 - Regional Building

Brooklyn, CT 06234

Telephone: 203-774-6814 Fax: 203-774-2689

## ANALYTICAL DATA REPORT

Report Number: E605298

Project: B96032-Hale Street

prepared for:

Silva Engineering Associates

1615 Bedford Street

Bridgewater, MA 02324

Attn: Larry Silva

Receive Date: 05/28/96

Report Date: 06/06/96

T.F. McCommas  
Laboratory Director

Connecticut Department of Health Services PH-0465

Maine Department of Environmental Protection TBD

Massachusetts Department of Environmental Quality CT008

New Hampshire Department of Environmental Services 2020

New York Department of Health 11549

Rhode Island Department of Health A44 0022

# SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.

Division: New England

LRI Report No: E605298

LRI Sample No: 1

Customer: Silva Engineering Associates

Location: Bridgewater, Mass

Project: B96032-Hale Street

Sample Description: Bottom Tank Cavity-East

Date Collected: 05/24/96

Date Received: 05/28/96

Date Extracted: 06/03/96 By: MB

Date Analyzed: 06/05/96 By: KRB

Method: D3328

Level: LOW

GC Column: —

Units: mg/kg (Dry Weight)

Matrix: Soil

Percent Moisture: 6.5%

pH: —

Sample Weight/Volume: 10.11 g

Extract Volume: 1

Injection Volume: —

Dilution Factor: 1

Lab Data File: 7060504 —

PHC by ASTM D-3328

No petroleum hydrocarbon pattern was detected in the submitted sample.

QL

11



# SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Laboratory Resources, Inc.

Division: New England

LRI Report No: E605298

LRI Sample No: 2

Customer: Silva Engineering Associates

Location: Bridgewater, Mass

Project: B96032-Hale Street

Sample Description: Bottom Tank Cavity-West

Date Collected: 05/24/96

Date Received: 05/28/96

Date Extracted: 06/03/96 By: MB

Date Analyzed: 06/05/96 By: KRB

Method: D3328

Level: LOW

GC Column:

Units: mg/kg ( Dry Weight )

Matrix: Soil

Percent Moisture: 5.7%

pH:

Sample Weight/Volume: 10.03 g

Extract Volume: 1

Injection Volume:

Dilution Factor: 1

Lab Data File: 7060505

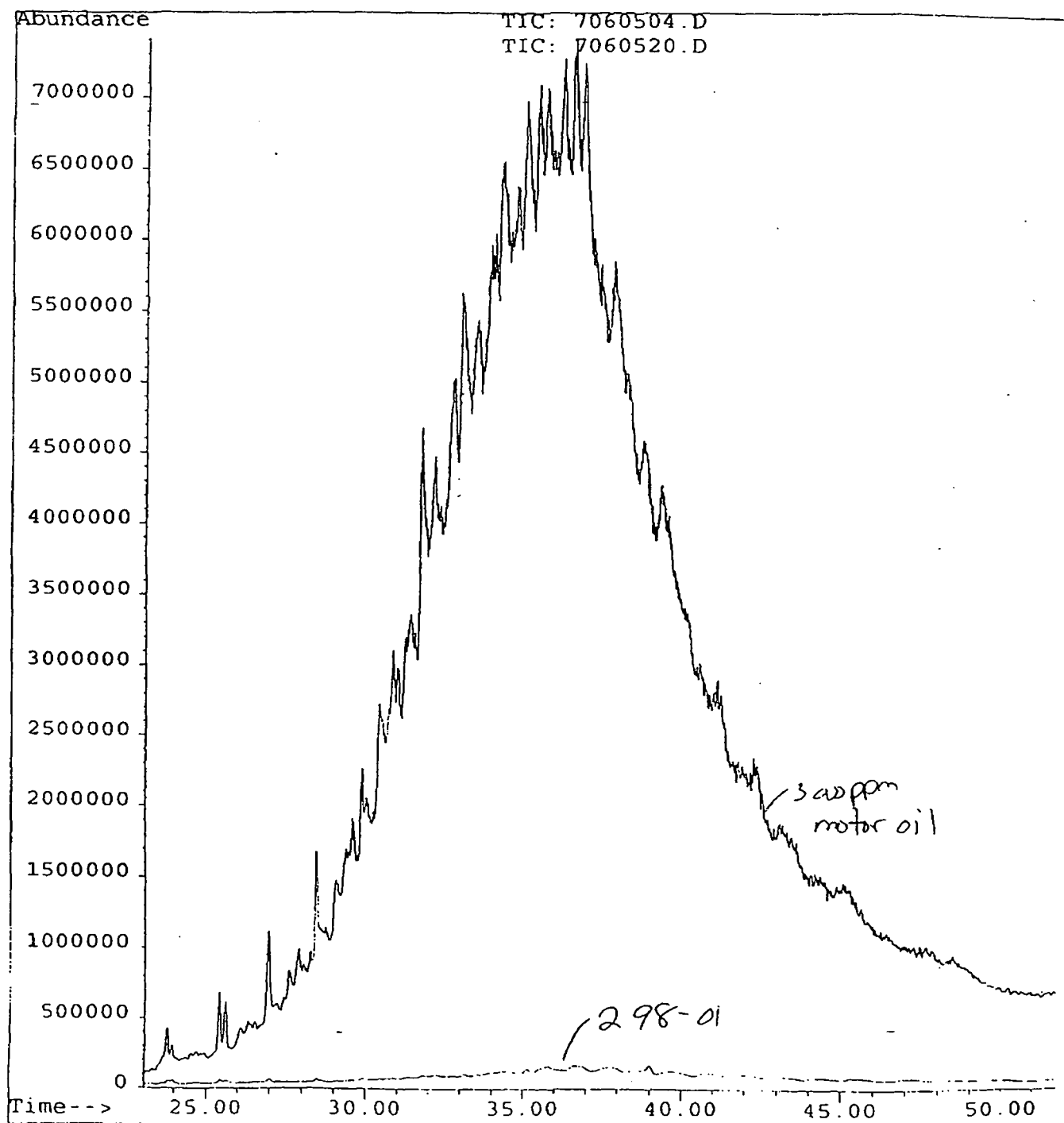
PHC by ASTM D-3328

QL

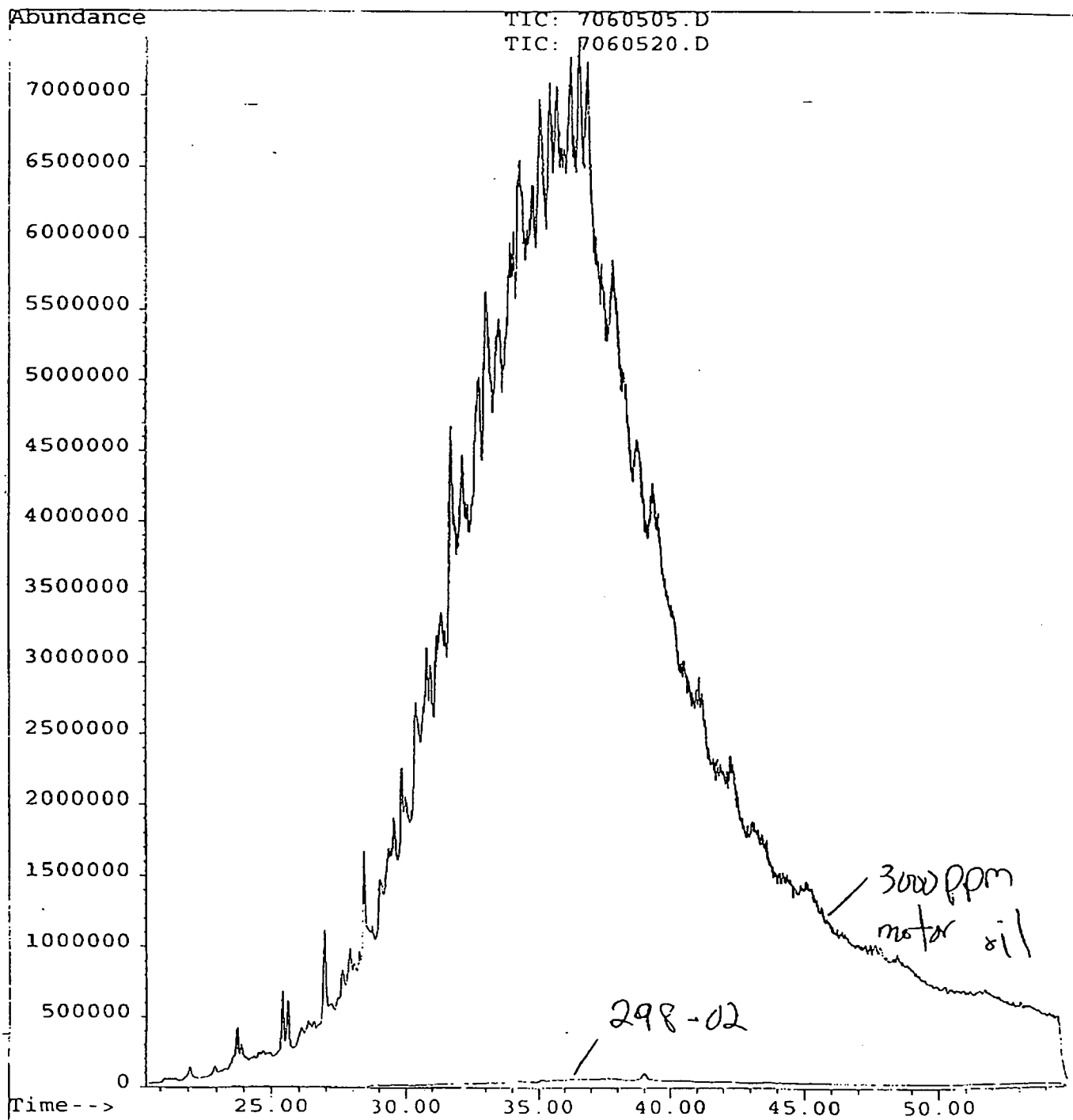
No petroleum hydrocarbon pattern was detected in the submitted sample.

11

File : C:\HPCHEM\6\DATA\JUN05\7060504.D  
Operator : KRB  
Acquired : 05 Jun 96 02:09 PM using AcqMethod #2F.MTH  
Instrument : GC 7  
Sample Name: 298-01  
Misc Info :  
Vial Number: 4



File : C:\HPCHEM\6\DATA\JUN05\7060505.D  
Operator : KRB  
Acquired : 05 Jun 96 04:31 PM using AcqMethod #2F.MTH  
Instrument : GC 7  
Sample Name: 298-02  
Misc Info :  
Vial Number: 5





## Spike Recovery and RPD Summary Report - SOIL

Method : C:\HPCHEM\6\METHODS\#2.F.M  
Title : ASTM  
Last Update : Wed May 29 08:49:55 1996  
Response via : Initial Calibration

Non-Spiked Sample: 7051509.D

Spike  
Sample

Spike  
Duplicate Sample

File ID : 7052821.D  
Sample : 144-02 MS SX  
Acq Time: 29 May 96 03:41 PM

7052822.D  
144-02 MSD SX  
29 May 96 04:38 PM

| Compound | Sample<br>Conc | Spike<br>Added | Spike<br>Res | Dup<br>Res | Spike<br>%Rec | Dup<br>%Rec | RPD | QC Limits<br>RPD % Rec |
|----------|----------------|----------------|--------------|------------|---------------|-------------|-----|------------------------|
| #2FUEL   | 128.2          | 1000           | 1144         | 1194       | 102           | 107         | 5   | 15   80-120            |

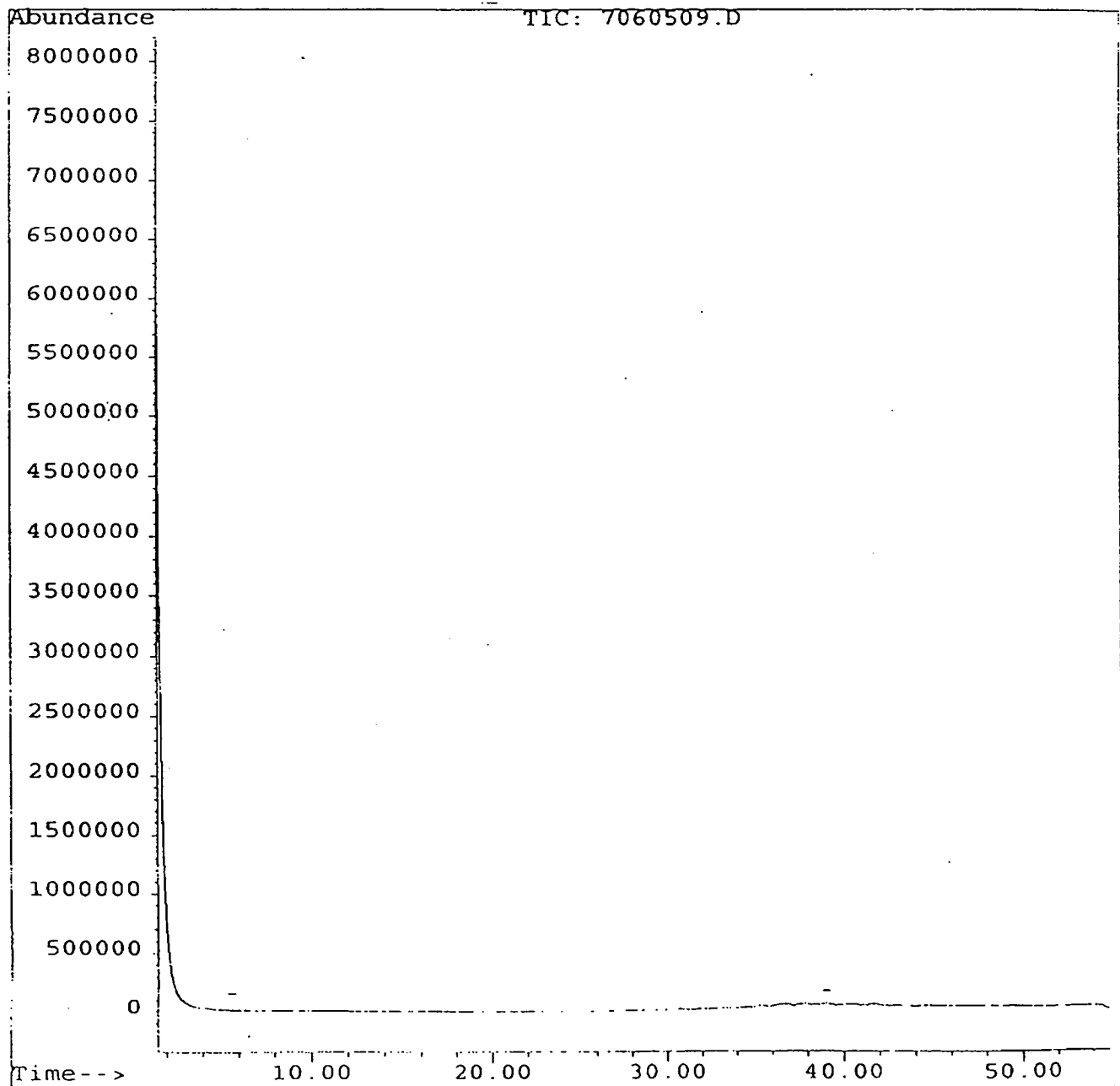
Quantitation Report

Data File : C:\HPCHEM\6\DATA\JUN05\7060509.D  
Acq On : 05 Jun 96 03:20 PM  
Sample : F0603-BS1  
Misc :  
Quant Time:

Vial: 9  
Operator: KRB  
Inst : GC 7  
Multiplr: 1.00

Method : C:\HPCHEM\6\METHODS\MOTOROIL.M  
Title : ASTM  
Last Update : Thu Jun 06 08:22:12 1996  
Response via : Single Level Calibration

Volume Inj. :  
Signal Phase :  
Signal Info :



# Quantitation Report

Data File : C:\HPCHEM\6\DATA\JUN05\7060509.D  
 Acq On : 05 Jun 96 03:20 PM  
 Sample : F0603-BS1  
 Misc :  
 Quant Time: Jun 6 8:23 1996

Vial: 9  
 Operator: KRB  
 Inst : GC 7  
 Multiplr: 1.00

Method : C:\HPCHEM\6\METHODS\MOTOROIL.M  
 Title : ASTM  
 Last Update : Thu Jun 06 08:22:12 1996  
 Response via : Single Level Calibration

Volume Inj. :  
 Signal Phase :  
 Signal Info :

| Compound         | R.T.  | Response  | Conc Units |
|------------------|-------|-----------|------------|
| -----            |       |           |            |
| Target Compounds |       |           |            |
| 1) Hm motor oil  | 36.50 | 453409521 | <MDL PPM   |







Silva  
Engineering  
Associates, P.C.

FILE COPY

Lawrence P. Silva, P.E., L.S.P.

**IMMEDIATE RESPONSE ACTION  
PLAN**

- 106 Hale Street  
Bridgewater, Massachusetts

***Prepared For:***

William Renny  
Hale Street Properties  
106 Hale Street  
Bridgewater, Massachusetts 02324

***Prepared By:***

Silva Engineering Associates, P.C.  
1615 Bedford Street  
Bridgewater, Massachusetts 02324  
Project Number - B96032

Lawrence P. Silva, P.E.  
Licensed Site Professional



9/26/96

## Introduction

On behalf of William Renny, of Hale Street Properties, Inc., Silva Engineering Associates, P.C. (SEA) submits this Immediate Response Action Plan for the site identified as 106 Hale Street, located in Bridgewater, Massachusetts. Please refer to Figure 1 for a site locus plan. The site is further identified by the Department of Environmental Protection (Department) as release tracking number 4-12138.

## Release Description

On May 24, 1996, Lawrence P. Silva of SEA arrived at the site to oversee tank removal activities. Please refer to Figure 2 for a plan of existing conditions. Bevis Construction had already removed the concrete slab over the tank. The tank was exposed and holes were cut in the sidewall. A total of three hundred gallons of oil was pumped from the tank by Oil Energy Recovery, Inc. for disposal of the product at their facility in Rollinsford, New Hampshire. Please refer to Appendix A for the hazardous waste manifest. There was no obvious contamination noted. The tank was surrounded by sand and there was no sign of groundwater.

According to Bevis Construction, the fill line was present at the start of excavation, but there was no vent observed at that time. The building had previously been demolished sometime in 1995. The room which contained the tank had also been the location of an old gas meter. Apparently, conversion sometime ago had occurred with the tank remaining abandoned in place.

The tank measured 68 inches long by 48 inches in diameter. The tank was located immediately below the slab and approximately 18 inches below the sidewalk elevation.

Ed Murphy of the Bridgewater Fire Department and Stan Kravitz of the Bridgewater Board of Health arrived on-site at approximately 10:00 a.m. Mr. Kravitz dug a hole in the bottom of the excavation and found water at 39 inches. Frank Simmons of ATC Environmental of Woburn, Massachusetts was also on site during the removal on behalf of the MBTA.

SEA completed field screening of the soils along the sidewalls and bottom of the excavation using an HNU Photoionization meter. No detection of contamination was noted. Two soil samples were taken 6 inches below the tank invert for analytical testing.



The tank had surficial rust but there was no evidence of release. Bevis Construction was allowed to remove and dispose of the tank. Upon completion of the tank removal activity, SEA indicated approval to backfill the excavated area.

The soil samples were refrigerated prior to transport to Laboratory Resources of Brooklyn, Connecticut for total petroleum hydrocarbon (TPH) analysis via GC/FID. The results of the analysis revealed no petroleum hydrocarbon patterns in the samples submitted above laboratory detection limits.

#### Immediate Response Action Plan

The following activities have been required by the Notice of Responsibility issued by the Department:

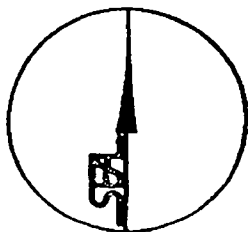
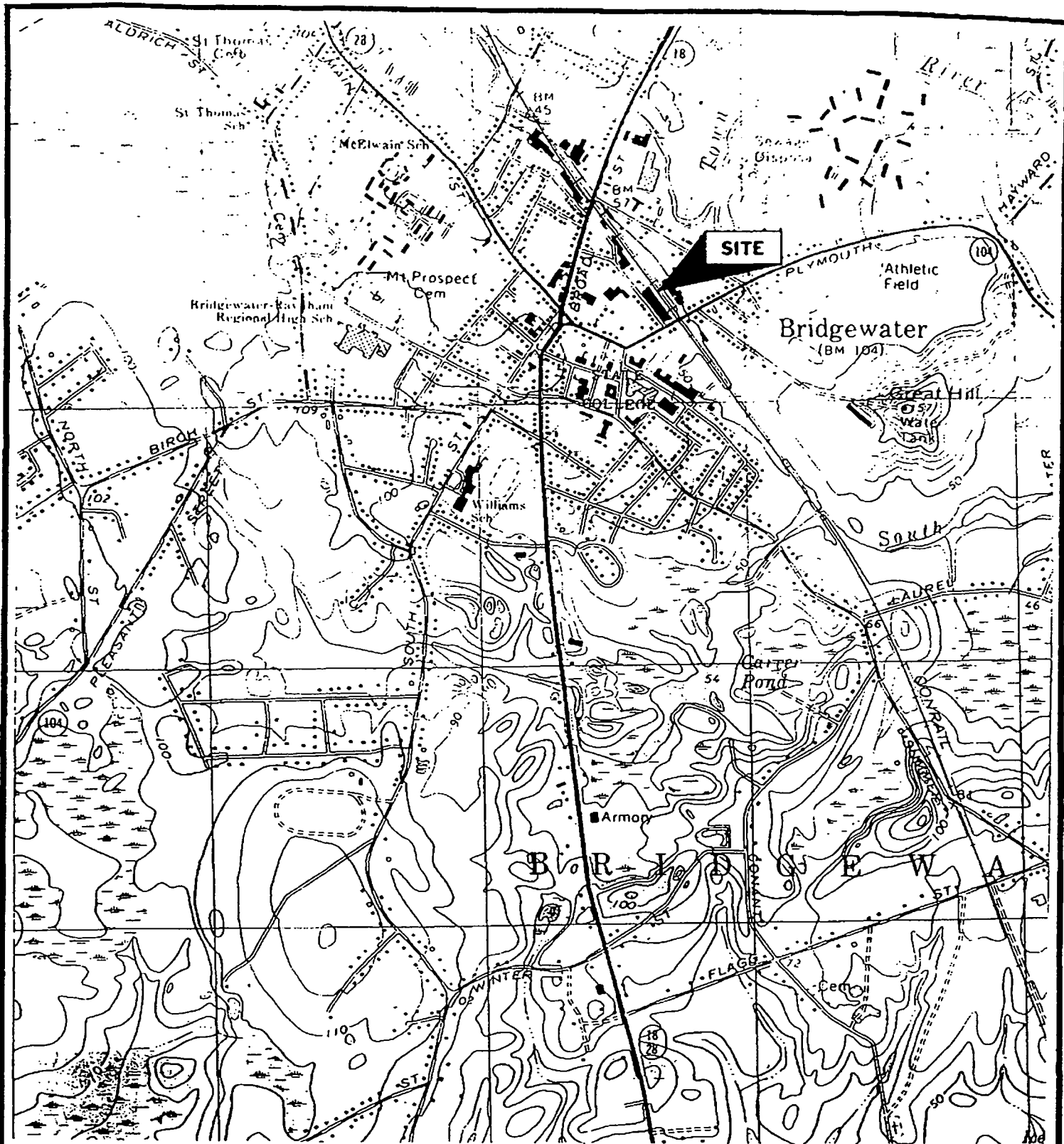
- *"Remove all product from the UST.*
- *Perform a preliminary assessment of the soils surrounding the UST.*
- *Determine the size of the UST and structures it is located under.*
- *Notify the Department of the name of the Licensed Site Professional retained by you to oversee the IRA."*

#### Management of Remediation Waste

A total of three hundred gallons of oil was pumped from the tank by Oil Energy Recovery, Inc. for disposal of the product at their facility in Rollinsford, New Hampshire. Please refer to Appendix A for a copy of the hazardous waste manifest.

#### Conclusion

It is the opinion of Lawrence P. Silva, Licensed Site Professional #9030, that the activities described in this report have been completed in accordance with the Massachusetts Contingency Plan, 310 CMR 40.00. The tank should not be considered to be a "threat of release" and therefore should not be subject to an Response Action Outcome (RAO) fee, therefore this filing is being done without payment of the \$750 fee. A waiver from such payment is requested.



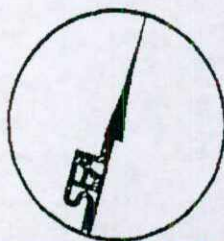
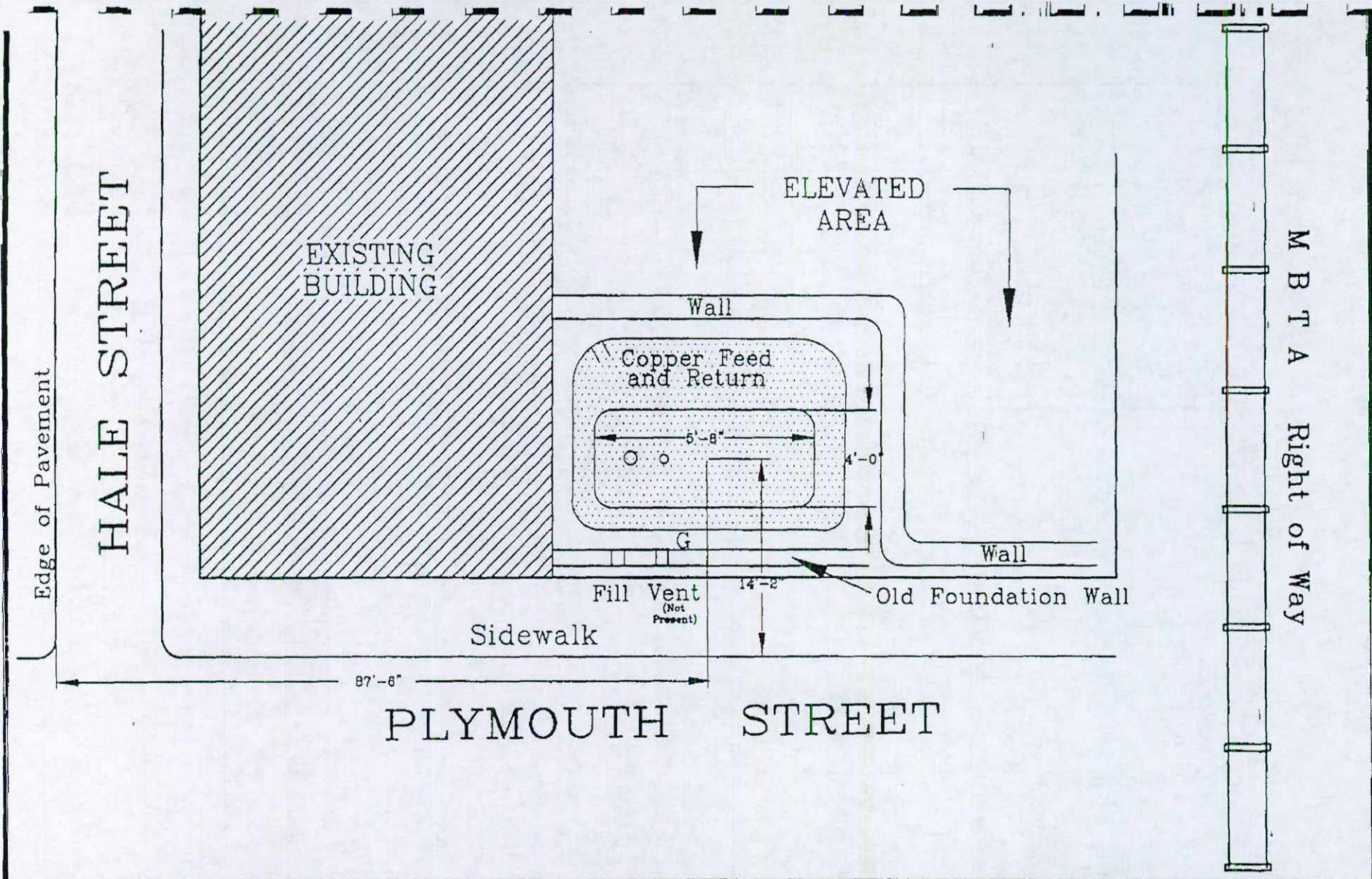
## SITE LOCUS

**SEA** SILVA  
ENGINEERING  
ASSOCIATES, P.C.  
CIVIL ENGINEERS & ENVIRONMENTAL CONSULTANTS  
1610 BEDFORD STREET BRIDGEWATER, MA. 02324  
PHONE (508) 697-3100 FAX (508) 697-3130

**SITE:**  
**106 HALE STREET**  
**BRIDGEWATER, MA.**

**PREPARED FOR:**  
**WILLIAM P. RENNY**

| SCALE | DATE     | ACAD FILE | FIGURE |
|-------|----------|-----------|--------|
| NONE  | 08/12/98 | B96032    | 1      |



### LEGEND

G - GAS METER

### EXISTING CONDITIONS

**SEA** SILVA  
ENGINEERING  
ASSOCIATES, P.C.  
CIVIL ENGINEERS & ENVIRONMENTAL CONSULTANTS  
1815 BEDFORD STREET BRIDGEWATER, MA. 02324  
PHONE (508) 897-3100 FAX (508) 897-3136

**SITE:**  
106 HALE STREET  
BRIDGEWATER, MA.

**PREPARED FOR:**  
WILLIAM P. RENNY

| SCALE | DATE     | ACAD FILE | FIGURE |
|-------|----------|-----------|--------|
| NONE  | 06/12/96 | B96032-1  | 2      |





COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF HAZARDOUS MATERIALS  
One Winter Street  
Boston, Massachusetts 02108

Batch 1056

Please print or type. (Form designed for use on elite 12 pitch typewriter.)

| UNIFORM HAZARDOUS WASTE MANIFEST  |  | Generator US EPA ID No.  | Manifest Number | 2 Page 1 of 1                                   | Information in the shaded areas is not required by Federal law |
|---|--|--|-----------------|---|--|
| 3. Generator's Name and Mailing Address<br>Hale Street Properties<br>106 Hale St., Bridgewater, MA 02324  |  | 6. US EPA ID Number<br>MA09869741110514B   |                 | A. State Manifest Document Number<br>MA J153868 |  |
| 4. Generator's Phone<br>508 697-4111  |  | 8. US EPA ID Number  |                 | B. State Gen. ID<br>SAME                        |  |
| 5. Transporter 1 Company Name<br>OIL ENERGY RECOVERY, INC.  |  | 6. US EPA ID Number<br>MA0985294818  |                 | C. State Trans. ID<br>AP9467NH                  |  |
| 7. Transporter 2 Company Name   |  | 8. US EPA ID Number  |                 | D. Transporter's Phone<br>508 897-6040          |  |
| 9. Designated Facility Name and Site Address<br>OIL ENERGY RECOVERY, INC.<br>141 ROLLINS ROAD, UNIT 123<br>ROLLINSFORD, NH 03869  |  | 10. US EPA ID Number<br>NH0986483980   |                 | E. State Trans. ID                              |  |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)  |  | 12. Containers<br>No. Type   |                 | 13. Total Quantity<br>Unit Wt/Vol               |  |
| a. WASTE COMBUSTIBLE LIQUID, N.O.S. (OIL)<br>COMBUSTIBLE LIQUID, NA 1993,   |  | 1001TT00300  |                 | G. State Facility's ID<br>Not Required          |  |
| b.  |  |  |                 | H. Facility's Phone<br>603 749-6072             |  |
| c.  |  |  |                 |   |  |
| d.  |  |  |                 |   |  |
| J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)   |  | K. Handling Codes for Wastes Listed Above  |                 |   |  |
| USED OIL TO BE RECYCLED   |  | S11G12   |                 |   |  |
| 15. Special Handling Instructions and Additional Information<br>EMERGENCY RESPONSE GUIDE NO. 27<br>EMERGENCY PHONE (508) 897-6040   |  | GENERATOR CERTIFIES THAT THIS OIL HAS NOT BEEN MIXED WITH EITHER PCB'S AS REGULATED PER 40CFR PART 761 OR HAZARDOUS WASTE(S) AS DEFINED IN 40CFR PART 261. |                 |   |  |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.   |  |  |                 |   |  |
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| 17. Transporter 1 Acknowledgement of Receipt of Materials   |  | Signature<br>David C. Bign agent for   |                 | Date<br>Month Day Year<br>05/14/96              |  |
| 18. Transporter 2 Acknowledgement of Receipt of Materials   |  | Signature<br>Michael E. Gentuso  |                 | Date<br>Month Day Year<br>05/14/96              |  |
| 19. Discrepancy Indication Space  |  |  |                 |   |  |
| 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  |  | Date<br>Month Day Year<br>05/14/96   |                 |   |  |

MA J153868

COPY 3:

FACILITY MAILED TO GENERATOR





## Ba 76 1056

Please print or type. (Form designed for use on elite (12 pitch) typewriter.)

|  |  |   |  |  |  |  |  |
|--|--|---|--|--|--|--|--|
| UNIFORM HAZARDOUS<br>WASTE MANIFEST  |  | Generator US EPA ID No<br><b>MP508697H11110516A</b> |  | Manifest<br>Document No<br><b>1</b>                    |  | 2 Page 1 Information in the shaded areas<br>of <b>1</b> is not required by Federal law |  |
| 3. Generator's Name and Mailing Address<br><b>106 Hale St., Bridgewater, MA 02324</b><br><b>Hale Street Properties</b>   |  |   |  | A. State Manifest Document Number<br><b>MA J153860</b> |  |  |  |
| 4. Generator's Phone <b>508 697-4111</b>   |  |   |  | B. State Gen. ID<br><b>SAME</b>                        |  |  |  |
| 5. Transporter 1 Company Name<br><b>OIL ENERGY RECOVERY, INC.</b>  |  | 6. US EPA ID Number<br><b>MAD985294818</b>          |  | C. State Trans. ID<br><b>AP9469NH</b>                  |  |  |  |
| 7. Transporter 2 Company Name  |  | 8. US EPA ID Number                                 |  | D. Transporter's Phone <b>508 897-6040</b>             |  |  |  |
| 9. Designated Facility Name and Site Address<br><b>OIL ENERGY RECOVERY, INC.</b><br><b>141 ROLLINS ROAD, UNIT 123</b><br><b>ROLLINSFORD, NH 03869</b>  |  | 10. US EPA ID Number<br><b>NHD986483980</b>         |  | E. State Trans. ID                                     |  |  |  |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)   |  |   |  | 12. Containers   |  | 13. Total  |  |
|  |  |   |  | No. Type   |  | Quantity   |  |
| a. <b>WASTE COMBUSTIBLE LIQUID, N.O.S. (OIL)</b><br><b>COMBUSTIBLE LIQUID, NA 1993.</b><br><b>MA98</b>   |  |   |  | 14. Unit   |  | 15. Waste No.  |  |
|  |  |   |  | Wt/Vol   |  |  |  |
|  |  |   |  |  |  |  |  |
|  |  |   |  |  |  |  |  |
| 16. Additional Descriptions for Materials Listed Above (include physical state and hazard code)  |  |   |  | 17. Handling Codes for Wastes Listed Above             |  |  |  |
| <b>USED OIL TO BE RECYCLED</b>   |  |   |  | <b>3 10 2</b>  |  |  |  |
| 18. Special Handling Instructions and Additional Information   |  |   |  | 19. GENERATOR CERTIFICATES THAT THIS OIL HAS           |  |  |  |
| <b>EMERGENCY RESPONSE GUIDE NO. 27</b>   |  |   |  | <b>NOT BEEN MIXED WITH EITHER PCB'S AS</b>             |  |  |  |
| <b>EMERGENCY PHONE (508) 897-6040</b>  |  |   |  | <b>REGULATED PER 40CFR PART 761 OR HAZARD-</b>         |  |  |  |
| 20. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations   |  |   |  | <b>OUS WASTE(S) AS DEFINED IN 40CFR PART 261.</b>      |  |  |  |
| If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize the waste generation and select the best waste management method that is available to me and that I can afford. |  |   |  |  |  |  |  |
| Printed/Typed Name<br><b>DAVID A Bevis</b>   |  | Signature<br><i>David A Bevis</i>                   |  | Date<br><b>05/16/96</b>                                |  |  |  |
| 21. Transporter 1 Acknowledgement of Receipt of Materials  |  | Signature<br><i>Michael E. Gentry</i>               |  | Date<br><b>05/16/96</b>                                |  |  |  |
| 22. Transporter 2 Acknowledgement of Receipt of Materials  |  | Signature   |  | Date   |  |  |  |
| Printed/Typed Name   |  | Signature   |  | Date   |  |  |  |
| 23. Discrepancy Indication Space   |  |   |  |  |  |  |  |
| 24. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.   |  |   |  |  |  |  |  |
| Printed/Typed Name<br><b>Michael E. Gentry</b>   |  | Signature<br><i>Michael E. Gentry</i>               |  | Date<br><b>05/17/96</b>                                |  |  |  |

OMB No. 2050-0030 Expires 4-10-96  
DA Form 3700-22 (Rev. 9-94) Previous editions are obsolete.

COPY 3:

FACILITY MAILS TO GENERATOR

MA J253860 COPY&gt;3:

FACILITY MAI LS TO GENERATOR

SCANNED

MASSACHUSETTS BAY  
TRANSPORTATION  
AUTHORITY

BRIDGEWATER CORP.  
PROPERTY  
106 HALE STREET  
BRIDGEWATER MA  
RTN 4-1187

RESPONSE ACTION  
OUTCOME  
STATEMENT REPORT

AUGUST 2003

# *Report*



Weston & Sampson Engineers, Inc.  
Five Centennial Drive  
Peabody, MA 01960-7986  
[www.westonandsampson.com](http://www.westonandsampson.com)  
Tel: 978-532-1900 Fax: 978-977-0100





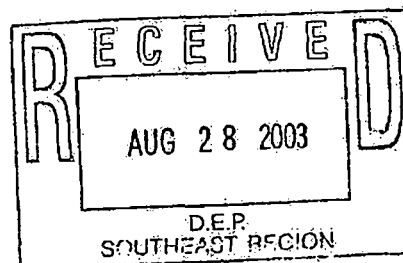
Weston & Sampson Engineers, Inc.  
Five Centennial Drive  
Peabody, MA 01960-7985  
www.westonandsampson.com  
Tel: (978) 532-1900 Fax: (978) 977-0100

Innovative Solutions since 1899

**MBTA – Bridgewater Corporation Property  
Weston & Sampson Project No. 203509.A**

August 28, 2003

Mr. Gerard Martin  
Department of Environmental Protection  
Southeast Regional Office  
20 Riverside Drive  
Lakeville, Massachusetts 02347



Re: DEP Release Tracking Number 4-1187  
MBTA Bridgewater Corporation Property  
106 Hale Street, Bridgewater MA  
Response Action Outcome Statement

Dear Mr. Martin:

Weston & Sampson Engineers, Inc., has prepared the enclosed Response Action Outcome (RAO) Statement on behalf of the Massachusetts Bay Transportation Authority (MBTA) for the above-referenced site (the Site). The RAO Statement was prepared in general accordance with the Massachusetts Contingency Plan (MCP), 310 CMR 40.0000.

In accordance with MCP public notification requirements, letters regarding the availability of the report have been forwarded to the Bridgewater Board of Health and Board of Selectmen. If you have any questions regarding this report, please call us at (978) 532-1900.

Very truly yours,

WESTON & SAMPSON, ENGINEERS, INC.

Kelley C. Race, P.G., LSP  
Project Manager

cc: Andrew Brennan, MBTA  
Debra Darby, MBTA  
Kenneth J. Bisceglia, CHMM, Weston & Sampson

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Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BH  
BWSC104

RESPONSE ACTION OUTCOME (RAO) STATEMENT

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

Release Tracking Number

4 - 1187

A. SITE LOCATION:

1. Site Name/Location Aid: Bridgewater Corporation Property

2. Street Address: 106 Hale Street

3. City/Town: Bridgewater

4. ZIP Code: 02324-0000

RECEIVED  
AUG 28 2003  
D.E.P.  
02324-0000 REGION

☒ 5. Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.

☐ a. Tier 1A ☒ b. Tier 1B ☐ c. Tier 1C ☐ d. Tier 2

6. If a Tier I Permit has been issued, provide Permit Number: W028914

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

1. List Submittal Date of RAO Statement (if previously submitted): \_\_\_\_\_ MM/DD/YYYY

☒ 2. Submit a Response Action Outcome (RAO) Statement

☐ a. Check here if this RAO Statement covers additional Release Tracking Numbers (RTNs). RTNs that have been previously linked to a Primary Tier Classified RTN do not need to be listed here.

b. Provide additional Release Tracking Number(s) that are covered by this RAO Statement.  -   -

☐ 3. Submit a Revised Response Action Outcome Statement

☐ a. Check here if this Revised RAO Statement covers additional Release Tracking Numbers (RTNs), not listed on the RAO Statement or previously submitted Revised RAO Statements. RTNs that have been previously linked to a Primary Tier Classified RTN do not need to be listed here.

b. Provide additional Release Tracking Number(s) that are covered by this RAO Statement.  -   -

☐ 4. Submit a Response Action Outcome Partial (RAO-P) Statement

Check above box, if any Response Actions remain to be taken to address conditions associated with this disposal site having the Primary RTN listed in the header section of this transmittal form. This RAO Statement will record only an RAO-Partial Statement for that RTN. A final RAO Statement will need to be submitted that references all RAO-Partial Statements and, if applicable, covers any remaining conditions not covered by the RAO-Partial Statements.

☐ 5. Submit an optional Phase I Completion Statement supporting an RAO Statement

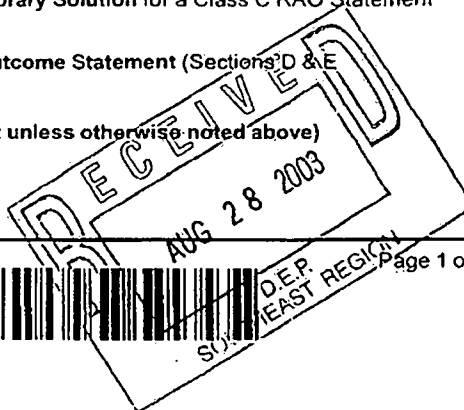
☐ 6. Submit a Periodic Review Opinion evaluating the status of a Temporary Solution for a Class C RAO Statement (Section E is optional)

☐ 7. Submit a Retraction of a previously submitted Response Action Outcome Statement (Sections D & E are not required)

(All sections of this transmittal form must be filled out unless otherwise noted above)

Revised: 09/18/2002

BWSC1040902001



Page 1 of 7

MC



Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC104

RESPONSE ACTION OUTCOME (RAO) STATEMENT

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

Release Tracking Number

4 - 1187

C. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply, for volumes list cumulative amounts)

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> 1. Assessment and/or Monitoring Only                | <input type="checkbox"/> 2. Temporary Covers or Caps                        |
| <input checked="" type="checkbox"/> 3. Deployment of Absorbent or Containment Materials | <input type="checkbox"/> 4. Temporary Water Supplies                        |
| <input type="checkbox"/> 5. Structure Venting System                                    | <input type="checkbox"/> 6. Temporary Evacuation or Relocation of Residents |
| <input checked="" type="checkbox"/> 7. Product or NAPL Recovery                         | <input type="checkbox"/> 8. Fencing and Sign Posting                        |
| <input checked="" type="checkbox"/> 9. Groundwater Treatment Systems                    | <input type="checkbox"/> 10. Soil Vapor Extraction                          |
| <input type="checkbox"/> 11. Bioremediation   | <input type="checkbox"/> 12. Air Sparging                                   |
| <input type="checkbox"/> 13. Removal of Contaminated Soils                              |   |

- ☐ a. Re-use, Recycling or Treatment ☐ i. On Site Estimated volume in cubic yards \_\_\_\_\_  
☐ ii. Off Site Estimated volume in cubic yards \_\_\_\_\_

lia. Facility Name: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

iib. Facility Name: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

iii. Describe: \_\_\_\_\_

- ☐ b. Landfill
- ☐ i. Cover Estimated volume in cubic yards \_\_\_\_\_  
Facility Name: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_
- ☐ ii. Disposal Estimated volume in cubic yards \_\_\_\_\_  
Facility Name: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

- ☒ 14. Removal of Drums, Tanks or Containers:
- a. Describe Quantity and Amount: 9 drums oily solids (11/20/02)  
8 drums oily liquids (11/20/02)
- b. Facility Name: General Chemical Town: Framingham State: MA
- c. Facility Name: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_







Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

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RESPONSE ACTION OUTCOME (RAO) STATEMENT

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

Release Tracking Number

4 - 1187

C. DESCRIPTION OF RESPONSE ACTIONS (cont): (check all that apply, for volumes list cumulative amounts)

☐ 15. Removal of Other Contaminated Media:

a. Specify Type and Volume: \_\_\_\_\_

b. Facility Name: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

c. Facility Name: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

☐ 16. Other Response Actions:

Describe: \_\_\_\_\_

☐ 17. Use of Innovative Technologies:

Describe: \_\_\_\_\_

D. RESPONSE ACTION OUTCOME CLASS:

Specify the Class of Response Action Outcome that applies to the disposal site, or site of the Threat of Release.  
Select **ONLY** one Class.

☐ 1. Class A-1 RAO: Specify one of the following:

☐ a. Contamination has been reduced to background levels. ☐ b. A Threat of Release has been eliminated.

☐ 2. Class A-2 RAO: You **MUST** provide justification that reducing contamination to or approaching background levels is infeasible.

☐ 3. Class A-3 RAO: You **MUST** provide an implemented Activity and Use Limitation (AUL) and justification that reducing contamination to or approaching background levels is infeasible.

☐ 4. Class A-4 RAO: You **MUST** provide an implemented AUL, justification that reducing contamination to or approaching background levels is infeasible, and justification that reducing contamination to less than Upper Concentration Limits (UCLs) 15 feet below ground surface or below an engineered barrier is infeasible. If the permanent solution relies upon an engineered barrier, you must also provide a Phase III report justifying the selection of the engineered barrier.





Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

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RESPONSE ACTION OUTCOME (RAO) STATEMENT

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

Release Tracking Number

4 - 1187

D. RESPONSE ACTION OUTCOME CLASS (cont.):

- ☐ 5. Class B-1 RAO: Specify one of the following:
- ☐ a. Contamination is consistent with background levels ☐ b. Contamination is **NOT** consistent with background levels.
- ☐ 6. Class B-2 RAO: You **MUST** provide an implemented AUL.
- ☐ 7. Class B-3 RAO: You **MUST** provide an implemented AUL and justification that reducing contamination to less than Upper Concentration Limits (UCLs) 15 feet below ground surface is infeasible.
- ☒ 8. Class C RAO: Specify one:
- ☐ a. Monitoring ☐ b. Passive Operation and Maintenance
- ☒ c. Active Operation and Maintenance (defined at 310 CMR 40.0006)

E. RESPONSE ACTION OUTCOME INFORMATION:

1. Specify the Risk Characterization Method(s) used to achieve the RAO described above:
- ☒ a. Method 1 ☐ b. Method 2 ☐ c. Method 3
- ☐ d. Method Not Applicable-Contamination reduced to or consistent with background, or Threat of Release abated
2. Specify all Soil and Groundwater Categories used in the Risk Characterization. More than one Soil Category and more than one Groundwater Category may apply at a Site. Be sure to check off all **APPLICABLE** categories.
- a. Soil Category(ies) Applicable:
- ☐ i. S-1/GW-1 ☐ iv. S-2/GW-1 ☐ vii. S-3/GW-1
- ☒ ii. S-1/GW-2 ☒ v. S-2/GW-2 ☐ viii. S-3/GW-2
- ☒ iii. S-1/GW-3 ☒ vi. S-2/GW-3 ☐ ix. S-3/GW-3
- b. Groundwater Category(ies) Impacted:
- ☐ i. GW-1 ☒ ii. GW-2 ☒ iii. GW-3
3. Specify remediation conducted.
- ☐ a. Check here if soil remediation was conducted.
- ☒ b. Check here if groundwater remediation was conducted.
4. Estimate the number of acres this RAO Statement applies to: ≈ 1.0 acres





Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC104

RESPONSE ACTION OUTCOME (RAO) STATEMENT

Release Tracking Number

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

4 - 1187

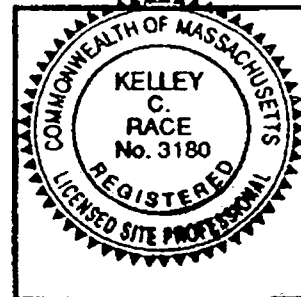
F. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> if Section B indicates that either an RAO Statement, Phase I Completion Statement and/or Periodic Review Opinion is being provided, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. First Name: Kelley 2. Last Name: Race  
3. Telephone: (978) 532-1900 4. Ext.: 2266 5. FAX: (978) 977-0100  
6. Signature: [Signature] 7. Date: 8-28-03  
8. LSP #: 3180 9. LSP Stamp:



G. PERSON MAKING SUBMITTAL:

1. Check all that apply: ☐ a. change in contact name. ☐ b. change of address ☐ c. change in the person undertaking response actions  
2. Name of Organization: Massachusetts Bay Transportation Authority  
3. Contact First Name: Andrew 4. Last Name: Brennan  
5. Street: 10 Park Plaza, Room 6720 6. Title: Dir. of Env. Affairs  
7. City/Town: Boston 8. State: MA 9. ZIP Code: 02116-0000  
10. Telephone: (617) 222-3126 11. Ext.:  12. FAX: (617) 222-1557







Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC104

**RESPONSE ACTION OUTCOME (RAO) STATEMENT**

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

Release Tracking Number

4 - 1187

**H. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON MAKING SUBMITTAL:**

- ☒ 1. RP or PRP    ☒ a. Owner    ☐ b. Operator    ☐ c. Generator    ☐ d. Transporter  
☐ e. Other RP or PRP    Specify: \_\_\_\_\_

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

☐ 4. Any Other Person Making Submittal    Specify Relationship: \_\_\_\_\_

**I. REQUIRED ATTACHMENT AND SUBMITTALS:**

- ☒ 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.
- ☐ 2. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of an RAO Statement that relies on the public way/rail right-of-way exemption from the requirements of an AUL.
- ☒ 3. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of a RAO Statement with instructions on how to obtain a full copy of the report.
- ☒ 4. Check here to certify that documentation is attached specifying the location of the Site, or the location and boundaries of the Disposal Site subject to this RAO 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.
- ☐ 5. Check here if required to submit one or more AULs. You must submit an AUL Transmittal Form (BWSC113) and a copy of each implemented AUL related to this RAO Statement. Specify the type of AUL(s) below: (required for Class A-3, A-4, B-2, B-3 RAO Statements)
- ☐ a. Notice of Activity and Use Limitation    b. Number of Notices submitted: \_\_\_\_\_
- ☐ c. Grant of Environmental Restriction    d. Number of Grants submitted: \_\_\_\_\_
- ☐ 6. If an RAO Compliance Fee is required for any of the RTNs listed on this transmittal form, check here to certify that an RAO Compliance Fee was submitted to DEP, P. O. Box 4062, Boston, MA 02211.
- ☐ 7. Check here if any non-updatable information provided on this form is incorrect, e.g. Site Address/Location Aid. Send corrections to the DEP Regional Office.
- ☒ 8. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.





Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC104

RESPONSE ACTION OUTCOME (RAO) STATEMENT

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

Release Tracking Number

4 - 1187

J. CERTIFICATION OF PERSON MAKING SUBMITTAL:

1. I, Andrew D. Brennan, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: *Andrew D. Brennan* 3. Title: Dir. of Env. Affairs  
Signature

4. For: Massachusetts Bay Transportation Authority  
(Name of person or entity recorded in Section G)

8/22/03  
(mm/dd/yyyy)

☐ 5. Check here if the address of the person providing certification is different from address recorded in Section G.

6. Street: \_\_\_\_\_

7. City/Town: \_\_\_\_\_ 8. State: \_\_\_\_\_ 9. ZIP Code: \_\_\_\_\_

10. Telephone: \_\_\_\_\_ 11. Ext.: \_\_\_\_\_ 12. FAX: \_\_\_\_\_

YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY  
RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU  
MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)



**FORMER BRIDGEWATER CORPORATION**  
**RTN 4-1187**

**BWSC-104 ATTACHMENT**

The Former Bridgewater Corporation Property (the Site) located at 106 Hale Street in Bridgewater, Massachusetts, designated as RTN 4-1187, is subject to Administrative Consent Order ACO-SE-03-35-005, Permit Number W028914.



### **LSP OPINION**

Based on review of the data compiled for Release Tracking Number (RTN) 4-1187, located at the Former Bridgewater Corporation Property at 106 Hale Street in Bridgewater, Massachusetts, it is Weston & Sampson's opinion that the "Site" associated with RTN 4-1187 meets the regulatory requirements for a Class C Response Action Outcome (RAO). This RTN is associated with a petroleum (quench oil) release in 1992. The release was attributed to leaking underground storage tanks (USTs). The USTs have been removed from the Site but residual non-aqueous phase liquid (NAPL) exists at the release area. Based on the results of the risk characterization, the Site conditions supporting a Class C RAO for a Temporary Solution include the following:

1. Under current conditions, the Site does not pose a significant risk to human health, safety or the environment. An Activity and Use Limitation (AUL) is not required to maintain a condition of No Significant Risk during the effective 5-year period of the Class C RAO for a Temporary Solution.
2. A condition of significant risk to public welfare exists because NAPL is present at the Site.
3. Remedial measures have been implemented to recover and mitigate NAPL.
4. A Post-RAO Operations, Maintenance and Monitoring plan will be implemented in accordance with 310 CMR 40.0890.

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## EXECUTIVE SUMMARY

Weston & Sampson Engineers, Inc. was contracted by the Massachusetts Bay Transportation Authority (MBTA) to prepare a Class C Response Action Outcome (RAO) Statement for the property referred to as the Bridgewater Corporation Property, located at 106 Hale Street in Bridgewater, Massachusetts (the "Site"). The Release Tracking Number (RTN) for the Site is 4-1187. MBTA has entered into an Administrative Consent Order (ACOP-SE-96-P003) for the Site with the Massachusetts Department of Environmental Protection (DEP), Bridgewater Corporation, and W.H. Maze Company. The Site is Tier Classified as a Tier 1B Site, permit number W028914.

The Site has an active light non-aqueous phase liquid (LNAPL) recovery system, which is in Phase V (Remedy Operation Status) under the Massachusetts Contingency Plan (MCP). Implementation of the Phase IV remedial actions and subsequent modifications were completed in June 2003. The original recovery system was installed in approximately 1994 and has been upgraded since then. Monitoring data indicates that the area of LNAPL is fairly constant and is not migrating beyond the interception trench. The remediation system appears to be successful at containing the LNAPL.

By definition under the MCP, the presence of NAPL at the Site constitutes an Upper Concentration Limit (UCL) condition; therefore, a potential risk to public welfare exists (310 CMR 40.0994) and a Class A RAO cannot be obtained. A Class C RAO for Temporary Solution may be applicable at sites where a UCL condition exists, however, if all "substantial hazards" have been eliminated (310 CMR 40.1050).

The results of a Method 3 risk characterization indicated a condition of "No Significant Risk" to human health exists for current and foreseeable future use conditions, consequently there are no "substantial hazards", and a Class C RAO for Temporary Solution may be obtained. Until a permanent solution is achieved (i.e., NAPL is eliminated), continued monitoring is recommended at the Site on a reduced basis (quarterly rather than monthly) at selected monitoring wells. A Post-RAO Operation, Maintenance and Monitoring manual was prepared describing the monitoring program and system maintenance to be performed.

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## 1.0 INTRODUCTION

### 1.1 General

Weston & Sampson Engineers, Inc., has prepared this report on behalf of the Massachusetts Bay Transportation Authority (MBTA) to support a Class C Response Action Outcome (RAO) Statement for the property referred to as the Former Bridgewater Corporation Property, located at 106 Hale Street in Bridgewater, Massachusetts (the "Site"). The Site was assigned Release Tracking Number (RTN) 4-1187 and Tier 1B permit number W028914. This RAO addresses a release of petroleum at 106 Hale Street and the abutting Old Colony Railroad (OCRR) Right-of-Way, in Bridgewater, Massachusetts.

This report was prepared in general accordance with Massachusetts General Law 21E and the Massachusetts Contingency Plan (MCP); 310 CMR 40.0000. The information presented in this report is subject to Weston & Sampson's Limitations presented in Appendix A. Copies of Public Notification letters and Bureau of Waste Site Cleanup (BWSC) transmittal form BWSC-104, including the Licensed Site Professional (LSP) Opinion, are provided in Appendix B.

### 1.2 Site Location and Description

The Site is located at the intersection of the OCRR and Plymouth Street in Bridgewater, Massachusetts (see Figure 1 – Locus Map and Figure 2 – Site Plan). The Site includes a portion of the former Hale Manufacturing building and the abutting the OCRR Right-of-Way, which includes an active Commuter Rail line. The Hale Manufacturing building was utilized by a former nail manufacturer, who used quenching oil in the manufacturing process. For purposes of the RAO, the "Site" consists of 106 Hale Street (which was reportedly the subject of a partial RAO, submitted in 1996), and the abutting MBTA property (see Figure 2). The Site is currently owned by MBTA. The Site is located approximately ¼ mile east of Bridgewater center and is abutted by Plymouth Street and Bridgewater State College to the south, Hale Street to the west, the remaining portion of the former Hale Manufacturing building and an MBTA parking lot to the north and wetlands to the northeast. The Site area is surrounded by both residential and commercial properties.

On November 13, 1996, the Massachusetts Department of Environmental Protection (DEP), MBTA, Bridgewater Corporation, and W.H. Maze Company entered into Administrative Consent Order (ACO) ACOP-SE-96-P003 for the Site. This agreement outlined the remedial actions related to a release of oil and/or hazardous materials originating from the 106 Hale Street property. The release is believed to have originated from underground storage tanks (USTs) that contained quench oil. Pursuant to the ACO, Rizzo Associates, Inc., (Rizzo) prepared and submitted a Release Abatement Measure (RAM) Plan to address the continued operation of the oil interceptor trench and recovery unit, gauging of monitoring wells on Site, inspection of downgradient wetlands, and handling and disposal of remediation waste.

A Phase II Comprehensive Site Assessment (CSA) was submitted to DEP in October 1997. A Phase III – Remedial Action Plan (RAP) and Phase IV – Remedy Implementation Plan (RIP) was submitted to DEP in October 1998. A Phase IV – RIP Modification, prepared by Weston & Sampson and dated February 19, 2003 (submitted to DEP on February 20, 2003), included changes to the original RIP prepared by Rizzo. In March 2003, Weston & Sampson submitted

a RAM Completion Statement that outlined activities completed at the Site from the initial April 1997 RAM Plan through the RAM Completion Statement. Weston & Sampson also prepared a Phase IV Completion Report in June 2003 that included a Revised Operation, Maintenance, and Monitoring Plan. To date, the Site has attained Phase V Remedy Operation Status (ROS). A Phase V ROS Report has been prepared and was submitted under separate cover (August 2003). A description of the release and a historical summary of MCP response actions are included in Section 2.0 of this report, a summary of Site conditions, receptors and data is included in Section 3.0 of this report and a summary of site risk is included in Section 4.0 of this report. The RAO Statement is included in Section 5.0 of this report.

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## 2.0 PREVIOUS INVESTIGATIONS AND MCP COMPLIANCE HISTORY

In March/April 1992, oil was observed flowing out of an area of springs adjacent to a building foundation on the Chuckran property, located at the eastern (downgradient) portion of the Site. DEP and the local Conservation Commission intervened, and emergency response measures were conducted by GeoTrans on behalf of Bridgewater Corporation, the owner of the 106 Hale Street property at that time. Initial response measures included containment and physical removal of oil from the oil collection lagoons (now vegetated wetlands), soil boring/monitoring well installation and groundwater sampling, oil collection from monitoring wells and sumps, and a supplemental subsurface investigation. As part of the emergency response measures, USTs used for storing quench oil for the 106 Hale Street facility but located on the OCRR Right-of-Way (at the time owned by the Executive Office of Transportation and Construction (EOTC)) were excavated and removed. Oil leaks were observed from two of the tanks, and petroleum contamination of soil and groundwater, along with free phase petroleum product, was observed in the tank excavations.

In 1994, GeoTrans installed an oil recovery trench (see Figure 2 – Site Plan) along the border of the Chuckran and EOTC (now MBTA) properties to intercept floating free phase petroleum product and to mitigate further movement of product toward the lagoons/wetlands on the Chuckran property. Also in 1994, GeoTrans conducted Immediate Response Action (IRA) activities, which included soil excavation immediately upgradient from the lagoons/wetlands to remove residual free phase petroleum product, and the removal of existing drainage lines potentially acting as conduits and petroleum-contaminated soil from the Site. These activities were conducted to further mitigate seepage of oil into the collection lagoons/wetlands.

An oil recovery trench was installed in 1994 between the former UST locations and the wetlands to intercept floating free phase petroleum product and to mitigate further movement of product toward the wetlands. The interceptor trench appears to be effectively intercepting product; no product has been observed in monitoring locations north of the trench, towards the wetlands, since it has been installed.

Since 1994, the following assessment and remediation activities have been conducted at the Site:

- In 1995, GeoTrans submitted a revised IRA Plan, which included a proposed plan for excavation and disposal of petroleum-contaminated soil on the 106 Hale Street property. The IRA Plan also included results of soil sampling and analysis in the OCRR Right-of-Way, the Chuckran property, and 106 Hale Street, and measurements of observed floating free phase petroleum product in on-Site monitoring wells. The excavation work proposed in the IRA Plan was conducted in November 1995, and a Partial RAO Statement for the 106 Hale Street portion of the Site was submitted to DEP on October 31, 1996.
- On November 13, 1996, DEP, MBTA, Bridgewater Corporation, and W.H. Maze Company entered into ACO ACOP-SE-96-3P003 for the Site. This agreement outlined the remedial actions related to a release of quench oil from two former USTs located on

the OCRR Right-of-Way. Pursuant to the ACO, Rizzo, on behalf of MBTA, submitted an IRA Completion Report to DEP. The IRA Completion Report documented IRA activities previously conducted by other consultants, including groundwater well installation, sampling, and gauging. These activities were completed to assess the extent of product at the Site, and ongoing operation of a product interceptor trench and recovery unit.

- In 1996, ATC Environmental, a consultant to the OCRR construction contractor, installed a series of soil borings and microwells along the OCRR Right-of-Way. Soil analytical results and product gauging data from these borings and microwells showed significant total petroleum hydrocarbon (TPH) levels in soil and the presence of floating petroleum product beneath the OCRR Right-of-Way.
- Ongoing operation and monitoring of the oil recovery system, and product and water level gauging were conducted by GeoTrans in 1995 and 1996 and by Rizzo in 1997. These activities are summarized in an IRA Completion Report dated April 16, 1997, and the Phase II CSA dated October 13, 1997, prepared by Rizzo.
- At the conclusion of the IRA, a RAM Plan was submitted by Rizzo to continue monitoring at the Site. RAM activities are documented in RAM Status Reports previously submitted to DEP beginning in 1997; the most recent RAM Status Report was submitted by Weston & Sampson in January 2003.
- The October 1997 Phase II CSA completed by Rizzo included descriptions of additional soil boring and monitoring well installations at the Site. This report concluded that no soil or groundwater contamination indicative of substantial migration of petroleum product appears to be present in the area of the former Chuckran property downgradient of the release. Soil and groundwater data from monitoring wells on both sides of Plymouth Street showed no petroleum hydrocarbon contamination indicative of substantial migration of petroleum product.
- The combined October 1998 Phase III - RAP and Phase IV - RIP, prepared by Rizzo, included the evaluation of remedial alternatives at the Site. The report concluded the only technically feasible remedial action alternative that will likely achieve a Permanent Solution is the excavation and off-Site recycling of the petroleum contaminated soil identified at the Site. This alternative would involve excavation of fill and/or native material to the depth of the contaminated layer, excavation of contaminated soil, potential dewatering of excavations and treatment of groundwater, and off-Site transport and recycling of excavated material. The excavation would occur on the MBTA Property within the bounds of the Disposal Site, as defined in the Phase II Report. This alternative was deemed prohibitively expensive relative to the risk identified in the Risk Characterization. Therefore, the remedial action alternative selected was continued operation, maintenance and monitoring of the existing product recovery systems at the Site, with the installation of additional monitoring and recovery points, if necessary.
- On May 22, 2002, DEP issued a Notice of Noncompliance (NON) NON-SE-02-3S-003 to Bridgewater Corporation, W.H. Maze Company, and MBTA indicating that a RAM Status Report or Completion Statement had not been submitted to DEP for the ongoing RAM. The NON stated that a RAM Status Report or Completion Statement, as

applicable, must be filed with DEP by July 15, 2002. In addition, the NON stated that since the Tier I Permit for the Site had expired on November 13, 2001, an application for a Tier I Permit Extension is required to be filed with DEP by July 15, 2002. This application was submitted to DEP in July 2002.

- On July 2, 2002, Rizzo conducted a Site visit to observe the operation of the product recovery sump and interceptor trench, and to gauge the on-Site wells for observation of floating free phase petroleum product. The oil recovery system installed in sump S-4 along the interceptor trench was operating at this time. In general, the gauging data from July 2002, as compared with 1999 data, indicated the floating petroleum product distribution remained located between the former UST source area and the interceptor trench (Figure 3). Separate phase product was not detected beyond the trench or in wells near the end of the interceptor trench. Also, no separate phase product was found in wells along Plymouth Street, located west of the spill location or in wells located north of the interceptor trench, near the wetlands. Catch basins located between RIZ-1 and RIZ-5 in the new roadway were also gauged for oil at this time. No oil was identified in these catch basins that ultimately discharge to the nearby downgradient wetlands. A RAM Status Report was submitted by Rizzo to DEP on July 15, 2002.
- On November 14, 2002, Weston & Sampson and MBTA met with Ms. Molly Cody of DEP at the Site. During the Site visit, Ms. Cody requested a submission of a Tier 1 Permit Modification and an update of response actions.
- On November 21, 2002, Weston & Sampson submitted a Minor Permit Modification (dated November 20, 2002) that identified the change in LSP and consultant for the Site.
- On January 14, 2003, Weston & Sampson submitted a Replacement Statement (Section A.6.) for the previously submitted Tier 1 Permit Extension. The Replacement Statement (dated January 9, 2003) was prepared to identify a change in proposed response actions and document the activities completed at the Site since the RAM Status Report submitted July 2002.
- On January 28, 2003, Weston & Sampson submitted a RAM Status Report (No. 7) for the Site activities conducted by Weston & Sampson from September 2002 through January 2003.
- A Phase IV - RIP Modification, prepared by Weston & Sampson and dated February 19, 2003, included changes to the original RIP prepared by Rizzo dated October 13, 1998. The modifications in the report included the installation of an additional belt skimmer in Sump S-3, the replacement of the existing belt skimmer in Sump S-4, and the repair/disposal of the product recovery system in Sump S-2 (refer to Figure 3 for sump locations). In addition, the report modified the operation, maintenance, and monitoring program outlined in the original RIP.
- On February 28, 2003, DEP issued a Decision to Grant Permit Extension Transmittal #W028914 under ACO (ACO-SE-03-3S-005). This Permit Extension Approval/ACO outlines required submittals of data, any revisions to the Phase IV RIP (by May 30, 2003), and attainment of Phase V Remedy Operation Status (by August 30, 2003).



- On March 25, 2003, Weston & Sampson submitted a RAM Completion Statement for the activities completed at the Site from the initial April 1997 RAM Plan through the completion of the RAM in March 2003.
- Between February and April 2003, Weston & Sampson completed a monitoring well inventory and a well rehabilitation/abandonment program at the Site. Activities included microwell abandonment, well riser installation, roadbox repairs, and expansion plug replacement.
- In April 2003, Weston & Sampson implemented activities recommended in the Phase IV RIP Modification dated February 19, 2003. Activities at the Site included installation of two new oil recovery belt skimmers, passive product skimmers in monitoring wells, repair/installation of large diameter passive bucket skimmers, and disposal of the existing (inoperable) oil recovery system at S-2. In addition, the modified operation, maintenance, and monitoring program began upon installation of equipment.

The Site is currently in the Phase V – Remedy Operation Status (Operation, Maintenance and Monitoring) phase of the MCP. In accordance with the Phase V provisions, Remedy Operation Status is a requirement at disposal sites utilizing active operation and maintenance of a remediation system. Weston & Sampson prepared a Remedy Operation Status Report (Phase V Operation, Maintenance, and Monitoring Report), which was submitted under separate cover (August 2003).

The remediation system at this Site consists of an interception/recovery trench on the northeastern portion of the Site between the former UST locations and the existing wetlands. The oil recovery equipment at the Site includes: electric belt skimmer systems at sumps S-3 and S-4, passive skimmers at sumps S-1 and S-2, and passive skimmer systems at wells RIZ-16 and RIZ-19.

The electric belt skimmers remove oil from sumps S-3 and S-4, which are located on, and are part of, the interception/recovery trench. Oil adheres to the skimming belt as it passes through the fluids in the sump. The oil is recovered from the belt with wiper blades and is automatically collected in a drum located next to the belt skimmer. When the drum is full, it is transferred to the storage shed where it is then taken off-Site.

The passive well skimmers are collection canisters with hydrophobic membranes, which allow light non-aqueous phase liquid (LNAPL) to pass through but repel water. These canisters are manually removed from the sumps and wells on a weekly basis. The oil recovered in the canisters is emptied into the drums located in the storage shed. The passive skimmers at sumps S-1 and S-2 have collection canisters that can each store approximately ¾-gallons of oil. The passive skimmer systems at wells RIZ-16 and RIZ-19 are 2-inch diameter skimmers that each have a ½-liter (0.13 gallon) collection canister.

Three sheds are associated with the remediation system: Shed 1 – located at sump S-3; Shed 2 – located at sump S-4; and Shed 3 – used to temporarily store remediation waste prior to transportation and disposal (Figure 2).

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### **3.0 SITE INVESTIGATION SUMMARY**

The data presented in this Section is a summary of general Site conditions and data collected for the Site, including the most recent data collected in April/May 2003 and pertinent historical data. These data were included in previous submittals to DEP including the Phase II (Rizzo, October 1997), Phase III/IV (Rizzo, October 1998), Modified Phase IV (Weston & Sampson, June 2003) and RAM Completion (Weston & Sampson, March 2003) Reports.

#### **3.1 Site Geology, Hydrogeology and Area Receptors**

##### **3.1.1 Subsurface Geology**

Fill and glaciofluvial/glaciolacustrine deposits were the only geologic units encountered in soil borings during the Phase II fieldwork. The Site is regionally mapped as glaciofluvial outwash plain deposits, consisting of sand to pebble and cobble gravel. Bedrock was not encountered in any of the borings, which were drilled to approximately 15-feet below grade; however, bedrock has been regionally mapped as the Rhode Island Formation consisting of sandstone, graywacke, shale and conglomerate.

##### **3.1.2 Hydrogeology**

Regionally groundwater is expected to flow north toward the Town River, located approximately ¼ mile north of the Site. Historic and recent well gauging data indicates that Site groundwater flows to the northeast and likely discharges to abutting wetlands (Figure 4). A summary of recent groundwater elevations, are presented in Table 1. Depth to groundwater varies across the Site from approximately 1 foot (RIZ-15) to 8.95 feet (RIZ-8) below grade.

##### **3.1.3 Area Receptors**

The Site is located in a primarily commercial area. According to the Massachusetts Geographic Information System (MassGIS) database (Figure 5), the Site is not underlain by potentially productive aquifers. Other than onsite employees and trespassers, area receptors appear to be very limited. Wetlands abut the Site to the northeast and the nearest surface water body is the Town River, located approximately ¼ mile north of the Site. Areas of protected open space are located approximately ¼ mile north and east of the Site. There are no institutions, as defined under the MCP, within ¼ mile of the Site.

#### **3.2 Applicable Soil and Groundwater Method 1 Standards**

Based on the above information, it appears groundwater is not a drinking water resource and the Site is not underlain by a potentially productive aquifer, therefore the Method 1 GW-1 standard does not apply. A portion of the Site is located within 30 feet of the former Hale Manufacturing building and therefore groundwater in RIZ-11 was compared to the Method 1 GW-2 standard. All groundwater at the Site is considered to discharge to surface water and was compared to Method 1 GW-3 standards.

Portions of the Site have exposed soil. Because of the public access to the Site (an MBTA parking lot abuts the Site to the north and students from Bridgewater State College cross the Site) the adult and child frequency of use is considered high although the intensity of Site use was considered low. Therefore S-1 and S-2 standards apply for soil (Rizzo, 1997).

### 3.3 Field Screening and Analytical Results

#### 3.3.1 Soil

Soil data were collected during the earlier investigations and summarized in the Phase II. The soil headspace screening data indicated the potential presence of petroleum in the areas of RIZ-12, RIZ-13, RIZ-14, RIZ-16 and RIZ-19. The analytical data detected Extractable Petroleum Hydrocarbons (EPH) in a number of samples, with elevated EPH detected in samples from RIZ-12, RIZ-13, RIZ-19. EPH concentrations exceeded the MCP Method 1 S-1/GW-2 and S-1/GW-3 standards in the sample from RIZ-12 and RIZ-19. Historical soil data are included in Appendix C.

#### 3.3.2 Groundwater

Investigatory and monitoring data have been collected at the Site since the IRA activities began in 1994 and continued through April/May 2003. Free product was detected in RIZ-12, RIZ-13, RIZ-14, RIZ-16 and RIZ-19 during the Phase II investigation and no samples were analyzed from these wells. EPH was detected in RIZ-9 at concentrations in excess of the Method 1 standard. The Phase II groundwater data are also included in Appendix C.

The monitoring data from RAM Status Reports was used to develop the Product Location Plan (Figure 3) and the Groundwater Elevation Plan (Figure 4). The most recent groundwater monitoring data collected in April 2003, including field parameters, Volatile Organic Compound (VOC) concentrations and EPH concentrations are presented in Tables 2, 3, and 4, respectively. Historical product thickness measurements from June 1999 through February 2003 are summarized on Table 5 and historical VOC and EPH data are summarized in Tables 6 and 7, respectively. A data quality assurance/quality control summary for the April 2003 data is included in Table 8.

The field parameter data show that samples from RIZ-8, RIZ-11, and RIZ-15 remained relatively turbid, compared to the other samples. The recent (April 2003) groundwater data shows that VOCs were not detected. Historically, relatively low concentrations of VOCs were detected at the Site. Recent (April 2003) EPH data detected EPH at concentrations below respective Method 1 GW-2 and GW-3 standards in RIZ-8, RIZ-11, and RIZ-15. Historically, EPH has also been detected in RIZ-2, RIZ-3, RIZ-5, RIZ-6, RIZ-7, RIZ-17, and RIZ-18 at concentrations below Method 1 standards.

The most recent product thickness data from May 2003 detected a maximum of 2.06 feet of product in RIZ-16. The May 2003 data were used to construct the LNAPL distribution map (Figure 3). A comparison of historical LNAPL measurements show that the aerial extent of LNAPL has remained fairly consistent and thickness has fluctuated over time.

An oil recovery trench was installed in 1994 between the former UST locations and the wetlands to intercept floating free phase petroleum product and to mitigate further movement of product toward the wetlands. Based on the aerial extent and groundwater flow direction (Figure 4), the interceptor trench appears to be effectively intercepting product; no product has been observed in monitoring locations north of the trench, towards the wetlands, since it has been installed.



Groundwater sampling (part of Phase V Operation, Monitoring and Maintenance) was performed in late July 2003. The results of the data will be provided in a periodic Phase V Operation, Monitoring, and Maintenance Report.

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## 4.0 METHOD 3 RISK CHARACTERIZATION SUMMARY

### 4.1 General

Weston & Sampson evaluated the data and assumptions presented in the Phase II Risk Characterization (Rizzo, 1997) to evaluate if the assumptions were still valid. We also evaluated whether recent groundwater and LNAPL data would change the risk assessment findings and whether a Substantial Hazard, as defined in the MCP, exists.

By definition under the MCP, the presence of NAPL at the Site constitutes an Upper Concentration Limit (UCL) condition; therefore, a potential risk to public welfare exists (310 CMR 40.0994) and a Class A RAO cannot be obtained for the Site. A Class C RAO for Temporary Solution may be applicable at Sites where a UCL condition exists, however, if all "substantial hazards" have been eliminated (310 CMR 40.1050).

A Substantial Hazard Evaluation is similar to a Method 3 risk characterization except that the risk to human health and the environment is evaluated for actual Site use conditions only. The minimum exposure period for a Substantial Hazard Evaluation is equal to the number of years between the initial DEP release notification to the present plus 5 years (310 CMR 40.0956). For this Site, the Substantial Hazard Evaluation would require an approximate exposure period of 15 years (1992/3 through 2008). A Substantial Hazard Evaluation is not required if a Method 3 risk characterization indicates a condition of "No Significant Risk" to human health exists at a Site (310 CMR 40.0956(3)) for current and future Site uses.

### 4.2 Phase II Method 3 Risk Characterization Summary

The Rizzo Phase II/III identified the following:

- A condition of "No Significant Risk" exists for current Site uses and for a future construction scenario.
- A condition of "No Significant Risk" does not exist for a hypothetical residential receptor. Risk to the residential receptor was attributed primarily to elevated concentrations of PAHs, petroleum hydrocarbons and metals in soil.
- A condition of "No Significant Risk" of harm to public safety exists at the Site.
- A condition of "No Significant Risk" of harm to public welfare does not exist at the Site due to the presence of separate phase petroleum product atop groundwater greater than 1/2-inch in several monitoring wells, which by MCP definition exceeds UCLs.
- A condition of "No Significant Risk" of harm to the environment exists at the Site due to the presence of separate phase petroleum product atop groundwater.

### 4.3 Substantial Hazard Summary

Following the data review, LNAPL does not appear to have increased in area or in thickness significantly since the Phase II Risk Characterization. Similarly, dissolved groundwater contaminant concentrations have also not changed significantly and are below applicable Method 1 standards.

## 5.0 RESPONSE ACTION OUTCOME STATEMENT

The Site information requirements for an RAO Statement are provided in this section. The information presented below in bold, italic corresponds to the requirements specified in 310 CMR 40.1056 of the MCP.

### 5.1 General Disposal Site Information

***a. Disposal Site Name and DEP Release Tracking Number:***

Bridgewater Corporation  
106 Hale Street  
Bridgewater, Massachusetts 02324  
Release Tracking Number (RTN) 4-1187

***b. Class of RAO:***

The RAO for this Site is Class C (Temporary Solution) as defined in 310 CMR 40.1050. The continued presence of >1/2-inch of light non-aqueous phase liquid (LNAPL) on groundwater is considered a level that exceeds the Upper Concentration Limit (310 CMR 40.0996 (6)). Therefore by definition a Class A or B RAO cannot be prepared at this time and a Class C RAO is being filed for the Site.

***c. Risk Characterization Method:***

The evaluation of a condition of No Significant Risk at this Site is based upon the results of the Method 3 Risk Characterization performed for the Phase II. The assumptions and findings of the Method 3 risk characterization were reassessed to include data collected since the Phase II. New data included LNAPL gauging and groundwater data.

***d. Other RAO Statements or Further Remedial Response Actions related to a portion of or the entire Disposal Site:***

In 1996 a partial RAO was filed for the 106 Hale Street portion of the site. The Partial RAO addressed initial soil removal activities conducted in 1995 (see Section 2.0). No additional response actions are required for this release, other than the Post RAO Operation & Maintenance requirements discussed below.

***e. Post-RAO Active Operation and Maintenance requirements for Class C RAO:***

The Post-RAO Operation & Maintenance (O&M) requirements presented in the Remedy Operations Status Report are summarized below. A copy of the Revised Operation, Maintenance and Monitoring Plan are included in Appendix D and were submitted as part of the Phase IV Completion Report submitted to DEP in June 2003. The remedial action will consist of continued operation of the existing interception/recovery trench and oil recovery systems with electric belt skimmer systems at sumps S-3 and S-4, passive skimmers at sumps S-1 and S-2, and passive skimmers at wells RIZ-16 and RIZ-19. O&M will include:

- Regularly scheduled gauging of product to evaluate the effectiveness and rate of product recovery; changes in product distribution; and monitoring of groundwater for dissolved-phase hydrocarbons.
- Quarterly groundwater monitoring and well gauging throughout the monitoring well network and sampling of selected wells. Samples will be collected using a low-flow collection procedure and analyzed at a Massachusetts certified laboratory for the following analyses: EPH including target polycyclic aromatic hydrocarbons (PAHs) and VOCs by EPA Method 8260, in general accordance with DEP's Quality Assurance and Quality Control Guidelines for Sampling, Data Evaluation, and Reporting Activities.

A summary of the O&M schedule is presented below:

*Schedule of Phase V O&M Activities*

| O&M Task  | Performed By     | Schedule                             |
|---|------------------|--------------------------------------|
| 1. Empty collected oil from passive skimmers and transfer to storage shed   | MBTA             | weekly                               |
| 1. Deploy and manage oil-absorbent booms and pads   | MBTA             | as needed                            |
| 1. Assist MBTA with passive systems<br>2. Maintain electric belt skimmers<br>3. Transfer oil from belt skimmer systems to storage shed<br>4. Gauging of S-1, S-2, S-3, S-4, RIZ-16 and RIZ-19<br>5. Visit wetland area to observe presence/absence of oil | Weston & Sampson | monthly                              |
| 1. Inspection and Monitoring Reports  | Weston & Sampson | semi-annual<br>(Oct/May)             |
| 1. Groundwater sampling and laboratory analysis:<br>RIZ-1, 2, 3, 5, 6, 7, 8, 11, 15, 17, 18, MW-4<br>2. Liquid level gauging: all above wells plus MW-5,<br>MW-12, RIZ-14, RIZ-16, RIZ-19, S-1, S-2, S-3,<br>S-4  | EST              | quarterly<br>(Apr, Jul, Oct,<br>Jan) |
| 1. Transportation and disposal of remediation waste   | ENPRO            | every 120 days                       |



**f. *Indication of Whether RAO is based upon implementation of an Activity and Use Limitation (AUL) at the Disposal Site:***

An AUL is not required to support the Class C RAO for a Temporary Solution at the Site, because a condition of "no significant risk" to human-health exists for current and future site use and there is "No Substantial Hazard" as defined by the MCP. In addition, a portion of the Site is located within a railroad right-of-way, which would also preclude the need for an AUL for that portion of the Site.

**g. *LSP Opinion as to whether requirements of applicable class of RAO have been met:***

The LSP Opinion is part of the BWSC Form 104, a copy of which is included in Appendix B.

**h. *Certification of RAO Statement and all documents submitted with RAO Statement:***

See BWSC Form 104 and copies of all applicable public notification letters in Appendix B.

**i. *Indication as to whether Oil and/or Hazardous Material in soil or groundwater exceed one or more Upper Concentration Limits:***

The continued presence of  $>1/2$ -inch of LNAPL on groundwater is considered a level that exceeds the Upper Concentration Limit (310 CMR 40.0996 (6)) (Table 5). The concentration of all contaminants of concern in soil and dissolved concentrations in groundwater are below applicable Method 1 Standards and UCLs (Tables 3, 4, 6, and 7 and Appendix C).

**5.2 Supporting Documentation for the RAO**

**a. *Clear and accurate description of the location of the Site for which the RAO applies:***

This RAO statement applies to the Site identified as RTN 4-1187. The Site includes the original release area where oil was observed flowing out of an area of springs adjacent to a building foundation on the Chuckran property, a portion of the former OCRR Right-of-Way and a portion of the 106 Hale Street property. The disposal Site boundary is shown on Figure 2.

**b. *Demonstration that all uncontrolled sources, as specified in 310 CMR 40.1003(5) have been eliminated or controlled.***

The presumed source of contamination, the four underground storage tanks located on the OCRR Right-of-Way were removed in 1992. Subsequent source removal and contamination control measures included:

- Installation of an oil recovery trench (in 1994)
- Excavation of impacted soil (in 1995)
- Operation of oil recovery system (1994 – present), and
- Modification of recovery system (2003)

Soil, and groundwater data indicate that residual contamination appears to be limited to the area of LNAPL. The well gauging data shows that the area of LNAPL has remained constant since 1999. Investigatory and monitoring data has been collected at the Site since the IRA activities began in 1994 and continued through April/May 2003. The monitoring data from the May 2003 data was used to develop the Product Location Plan (Figure 3) and the Groundwater Elevation Plan (Figure 4). Product thickness measurements from June 1999 through February 2003 are summarized on Table 1.

Monitoring data indicates that the interceptor trench appears to provide effective containment of the floating petroleum product at the Site (Figure 3). The data are discussed in Section 3.0 of this report. In addition, the oil recovery activities have resulted in the recovery and removal of over 440 gallons of oily liquids and 1,400 pounds of oily solids (spent absorbent booms) from the Site.

*c. Information supporting the conclusion that a level of No Significant Risk has been achieved or exists:*

A Method 3 risk characterization was included in the Phase II/III report. The findings indicated that a condition of No Significant Risk to human, health, safety and the environment exists for current and future uses. Weston & Sampson evaluated the findings and concluded that there is still No Significant Risk and that No Substantial Hazard exists for the Site (see Section 4.0). A Class C RAO for a Temporary Solution is applicable, however, because the presence of LNAPL at the Site constitutes a risk to public welfare under the MCP.

*d. For Class C RAOs, information supporting the conclusion that no substantial hazards remain at the Disposal Site:*

The Substantial Hazard evaluation is discussed in Section 4.0 of this report. In summary, a condition of No Substantial Hazard exists at the Site based on the assumptions and findings of the Phase II Risk Characterization and the more recent data that supports the initial conclusion of No Significant Risk.

*e. For Class A RAOs, information documenting the extent to which levels of oil and/or hazardous material in the environment have been reduced to background, and for all Class A-2 and A-3 RAOs, the results of the feasibility evaluation demonstrating that the achievement of background is not feasible:*

Not applicable.

*f. For Class A-4 and B-3 RAOs, demonstrations that achievement of Upper Concentration Limits in soil located at a depth greater than 15 feet from the ground surface or beneath an engineered barrier is not feasible.*

Not applicable.

- g. A copy of any and all AULs certified by the appropriate registry of deeds or land registration office which have been implemented under 310 CMR 40.1070.*

Not applicable.

- h. An AUL Opinion with AUL Opinion form where applicable:*

Not applicable.

- i. Description of any operations, maintenance and/or monitoring required to maintain conditions at the Disposal Site upon which the RAO is based:*

The Post-RAO monitoring plan is presented in the revised O&M Plan (Appendix D).

- j. For Class C RAOs, a copy of the plan, as specified in 310 CMR 40.0861(2)(h), which presents definitive and enterprising steps to be taken toward achieving a Permanent Solution at the disposal site.*

It is anticipated that the remedial actions implemented in the Phase V, will ultimately provide a permanent solution for the Site. In accordance with 310 CMR 40.0580, a periodic evaluation will be provided to DEP by an LSP indicating the effectiveness of the Temporary Solution, significant changes in Site conditions, and/or modifications to the remedial measures implemented at the Site. This evaluation shall be submitted to DEP at least once every 5 years from the date of filing of the Class C RAO. For the purposes of this RAO, Weston & Sampson has developed a preliminary evaluation of definitive and enterprising steps to be taken toward achieving a Permanent Solution at the disposal Site, a copy of which is provided in Appendix E.

### 5.3 RAO Fee

An RAO Fee is not required for this RTN as the Site has already been Tier Classified.





FIGURE 1  
LOCUS MAP

BRIDGEWATER CORPORATION PROPERTY, DEP SITE #4-1187, BRIDGEWATER, MASSACHUSETTS






SOURCE: USGS 7.5 x 15 MINUTE SERIES, BRIDGEWATER MASS QUAD, 1961

APPROX SCALE 1:25,000

0 1/2 1 MILE



**LEGEND:**

-  BENCHMARK  
 RIZ-10  MONITORING WELL (RIZZO)  
 MW-7(H)  MONITORING WELL (HANDEX)  
 MK-6 • MICROWELL  
 S-1 ○ SUMP  
 RIZ-9  DESTROYED MONITORING WELL  
 RIZ-10  MONITORING WELL INCLUDED IN QUARTERLY SAMPLING  
 --- DISPOSAL SITE BOUNDARY

**BASE MAP SOURCE:**

RIZZO ASSOCIATED, INC. RAM STATUS REPORT,  
JULY 15, 2002.

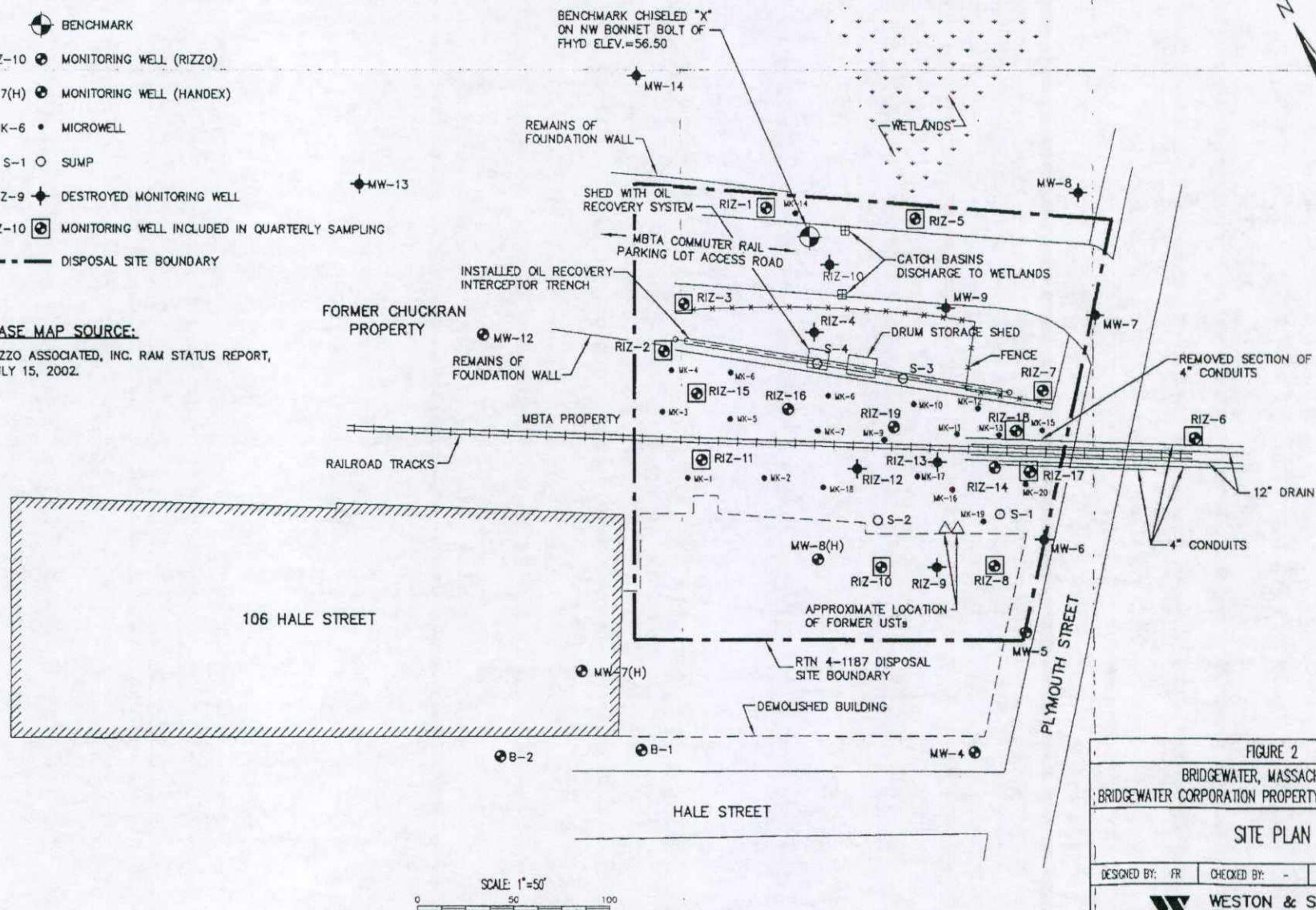


FIGURE 2

BRIDGEWATER, MASSACHUSETTS  
BRIDGEWATER CORPORATION PROPERTY - DEP SITE #4-1187

**SITE PLAN**

DESIGNED BY: FR CHECKED BY: - DATE: AUGUST 2003



WESTON & SAMPSON  
ENGINEERS, INC.

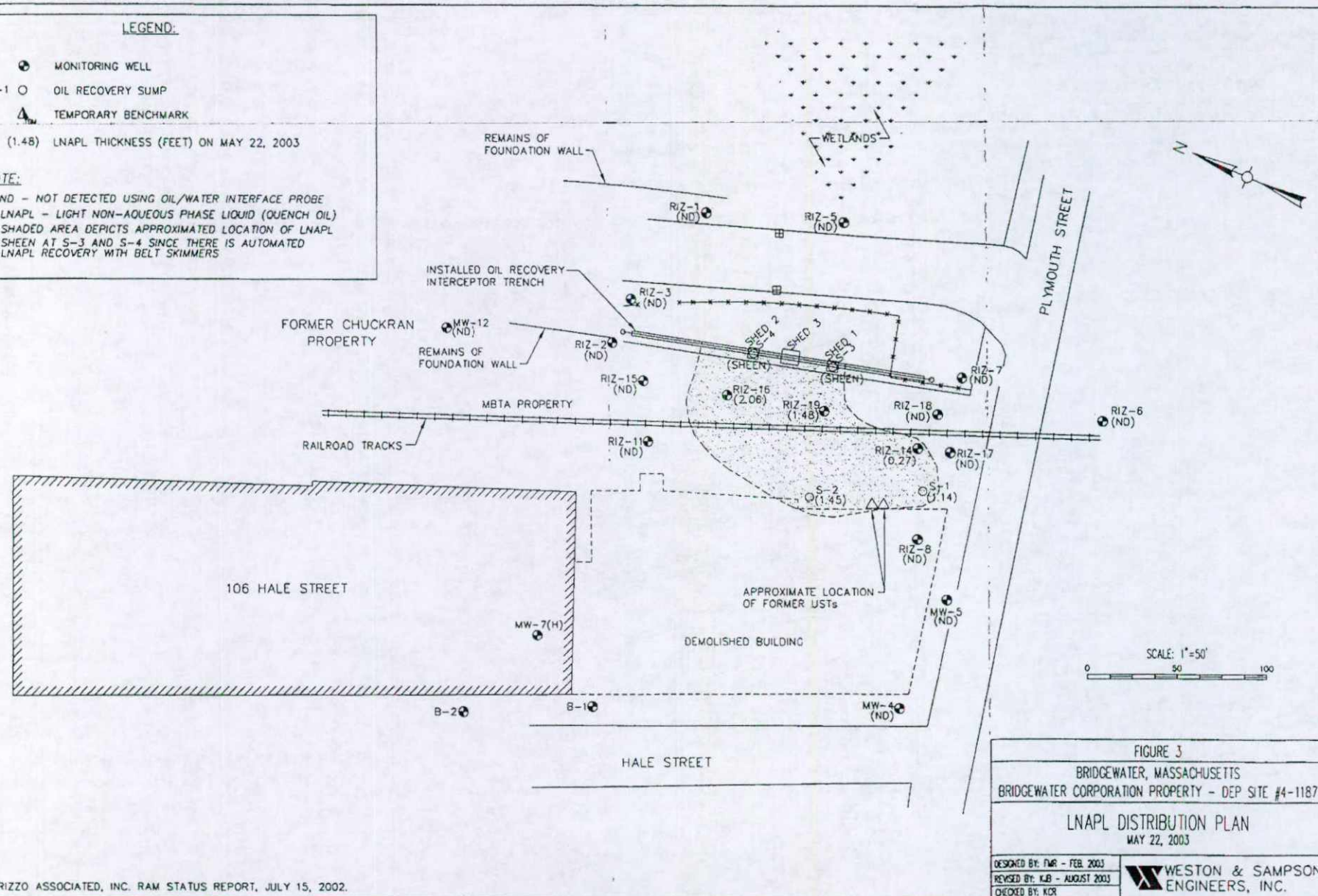
**LEGEND:**

- MONITORING WELL
- S-1 ○ OIL RECOVERY SUMP
- △ TEMPORARY BENCHMARK

(1.48) LNAPL THICKNESS (FEET) ON MAY 22, 2003

**NOTE:**

1. ND - NOT DETECTED USING OIL/WATER INTERFACE PROBE
2. LNAPL - LIGHT NON-AQUEOUS PHASE LIQUID (QUENCH OIL)
3. SHADED AREA DEPICTS APPROXIMATED LOCATION OF LNAPL
4. SHEEN AT S-3 AND S-4 SINCE THERE IS AUTOMATED LNAPL RECOVERY WITH BELT SKIMMERS



SOURCE: RIZZO ASSOCIATED, INC. RAM STATUS REPORT, JULY 15, 2002.



**LEGEND:**

- MONITORING WELL
- S-1 ○ OIL RECOVER SUMP
- △ TEMPORARY BENCHMARK
- (53.08) GROUNDWATER ELEVATION (FEET) ON MAY 22, 2003
- 53.0 GROUNDWATER CONTOUR (FEET) BASED ON LIMITED DATA
- - - 53.0 INTERPRETED GROUNDWATER CONTOUR (FEET)

**NOTE:**

1. VARYING CONTOUR INTERVAL TO ENHANCE VISUAL REPRESENTATION

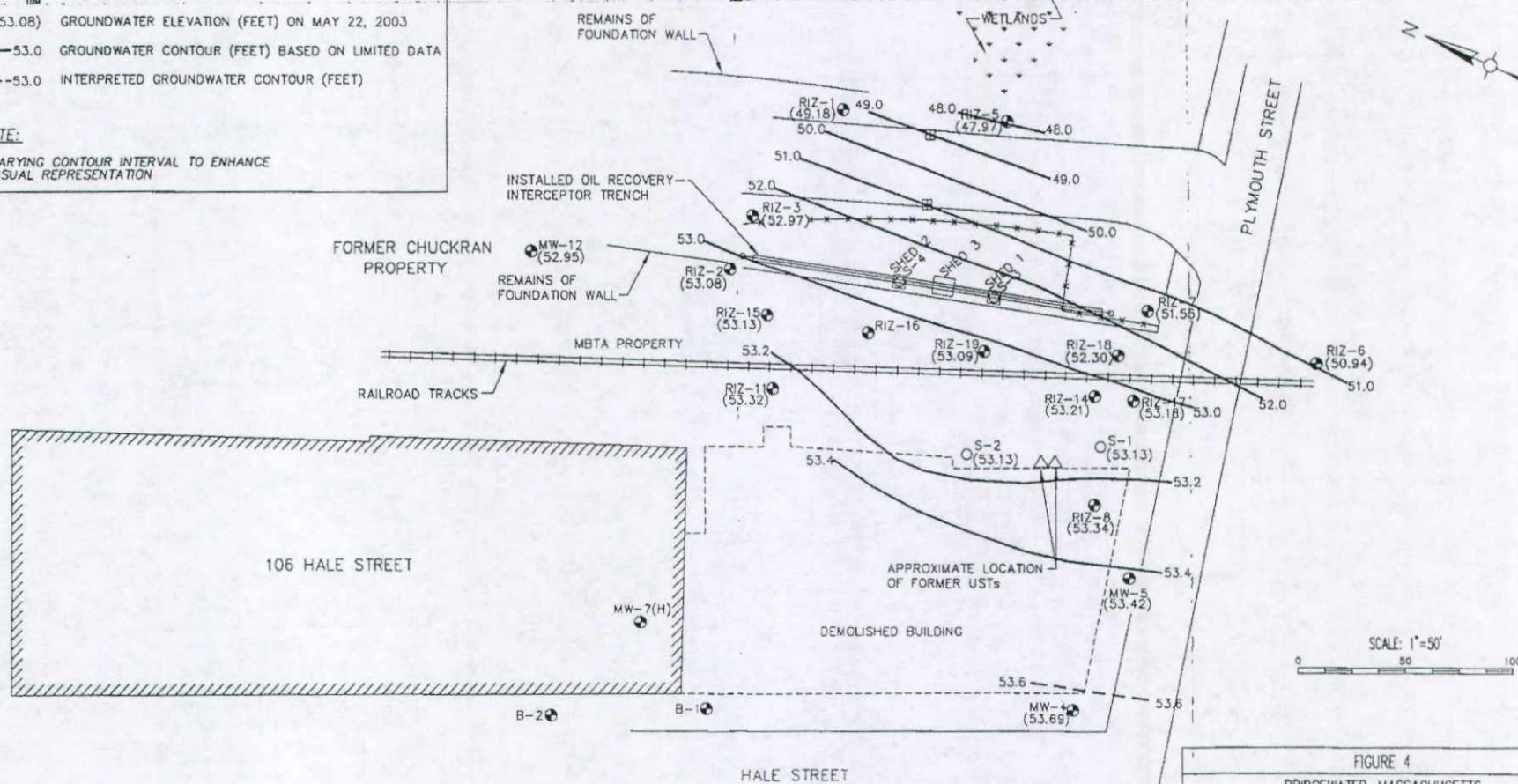


FIGURE 4

BRIDGEWATER, MASSACHUSETTS  
BRIDGEWATER CORPORATION PROPERTY - DEP SITE #4-1187

GROUNDWATER CONTOUR PLAN  
MAY 22, 2003

DESIGNED BY: FWR - FEB. 2003  
REVISED BY: KJB - AUGUST 2003  
CHECKED BY: KOR

**WESTON & SAMPSON**  
ENGINEERS, INC.



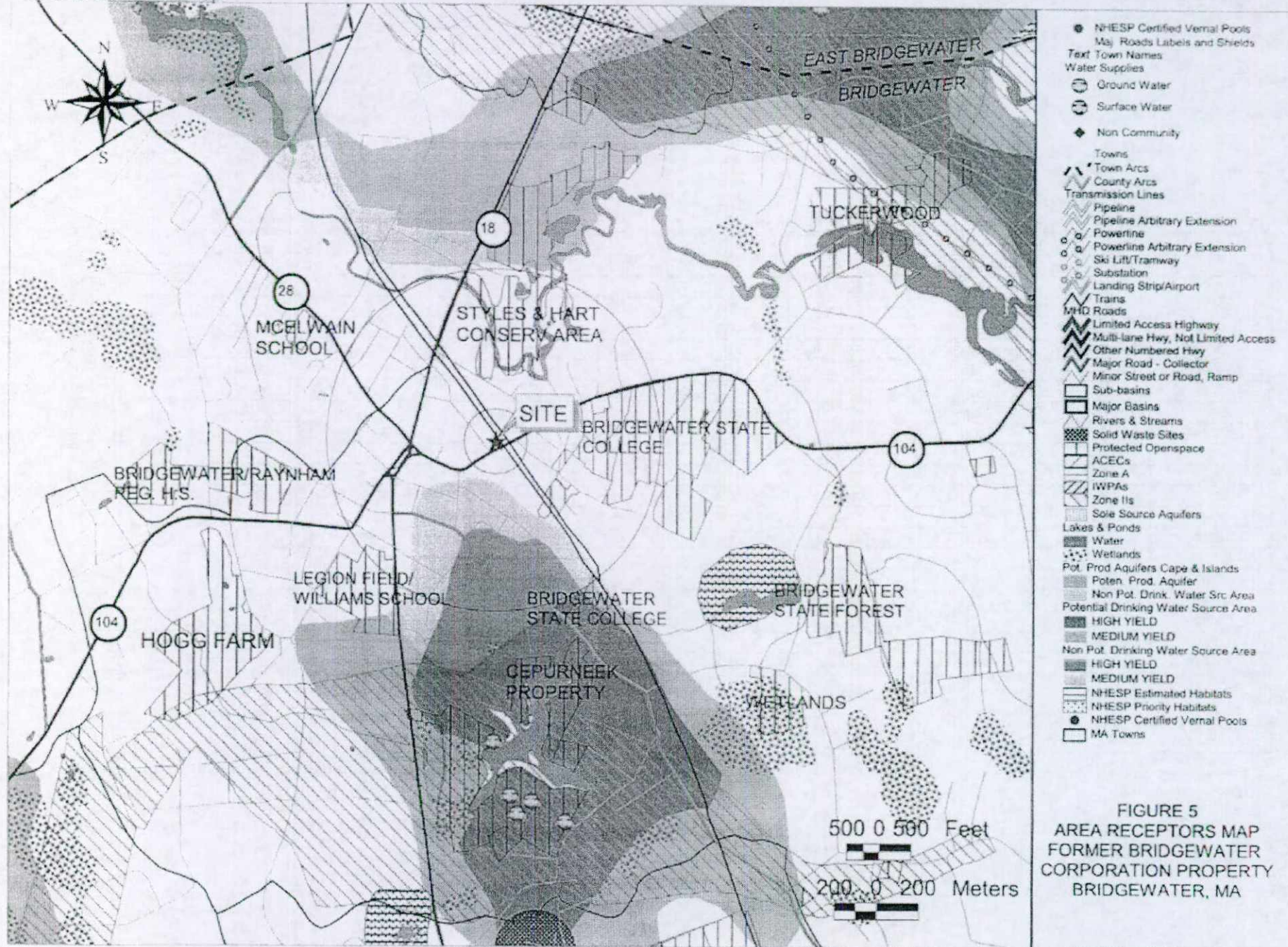


FIGURE 5  
AREA RECEPTORS MAP  
FORMER BRIDGEWATER  
CORPORATION PROPERTY  
BRIDGEWATER, MA



Table 1  
Well Gauging Data  
May 22, 2003

Bridgewater Corporation Property (RTN 4-1187)  
Bridgewater, MA

| Well ID | PVC Riser<br>Elevation<br>(ft) | Ground Surface<br>Elevation<br>(ft) | PVC Riser vs.<br>Ground Surface<br>(ft) | Depth<br>to Water from<br>PVC Riser<br>(ft) | Depth<br>to Water from<br>Ground Surface<br>(ft) | Depth<br>to Product<br>(ft) | Product Thickness<br>(ft) | Water Table Elevation |                                |
|---------|--------------------------------|-------------------------------------|---|---|--|-----------------------------|---------------------------|-----------------------|--------------------------------|
|         |                                |                                     |   |   |  |                             |                           | Uncorrected<br>(ft)   | Corrected for<br>LNAPL<br>(ft) |
| RIZ-1   | 56.04                          | 53.53                               | 2.51                                    | 6.86  | 4.35   | ND                          | ND                        | 49.18                 | 49.18                          |
| RIZ-2   | 56.71                          | 54.30                               | 2.41                                    | 3.63  | 1.22   | ND                          | ND                        | 53.08                 | 53.08                          |
| RIZ-3   | 56.78                          | 54.76                               | 2.02                                    | 3.81  | 1.79   | ND                          | ND                        | 52.97                 | 52.97                          |
| RIZ-5   | 55.50                          | 52.76                               | 2.74                                    | 7.53  | 4.79   | ND                          | ND                        | 47.97                 | 47.97                          |
| RIZ-6   | 57.79                          | 55.62                               | 2.17                                    | 6.85  | 4.68   | ND                          | ND                        | 50.94                 | 50.94                          |
| RIZ-7   | 57.42                          | 53.28                               | 4.14                                    | 5.87  | 1.73   | ND                          | ND                        | 51.55                 | 51.55                          |
| RIZ-8   | 66.48                          | 62.28                               | 4.20                                    | 13.14                                       | 8.94   | ND                          | ND                        | 53.34                 | 53.34                          |
| RIZ-11  | 57.78                          | 54.06                               | 3.72                                    | 4.46  | 0.74   | ND                          | ND                        | 53.32                 | 53.32                          |
| RIZ-14  | 59.26                          | 55.68                               | 3.58                                    | 6.30  | 2.72   | 6.03                        | 0.27                      | 52.96                 | 53.21                          |
| RIZ-15  | 58.02                          | 54.12                               | 3.90                                    | 4.89  | 0.99   | ND                          | ND                        | 53.13                 | 53.13                          |
| RIZ-16  | *1                             | *1                                  | *1                                      | 2.27  | 2.27   | 0.21                        | 2.06                      | *1                    | *1                             |
| RIZ-17  | 60.22                          | 56.56                               | 3.66                                    | 7.04  | 3.38   | ND                          | ND                        | 53.18                 | 53.18                          |
| RIZ-18  | 58.14                          | 54.30                               | 3.84                                    | 5.84  | 2.00   | ND                          | ND                        | 52.30                 | 52.30                          |
| RIZ-19  | 57.64                          | 53.96                               | 3.68                                    | 5.91  | 2.23   | 4.43                        | 1.48                      | 51.73                 | 53.09                          |
| MW-4    | 62.00                          | 62.64                               | -0.64                                   | 8.31  | 8.95   | ND                          | ND                        | 53.69                 | 53.69                          |
| MW-5    | 58.92                          | 59.36                               | -0.44                                   | 5.50  | 5.94   | ND                          | ND                        | 53.42                 | 53.42                          |
| MW-12   | 56.28                          | 55.16                               | 1.12                                    | 3.33  | 2.21   | ND                          | ND                        | 52.95                 | 52.95                          |
| S-1     | 57.64                          | 57.64                               | 0.00                                    | 5.56  | 5.56   | 4.42                        | 1.14                      | 52.08                 | 53.13                          |
| S-2     | 59.94                          | 59.94                               | 0.00                                    | 8.14  | 8.14   | 6.69                        | 1.45                      | 51.8                  | 53.13                          |
| S-3     | *1                             | *1                                  | *1                                      | 2.09  | 2.09   | 2.09                        | sheen                     | *1                    | *1                             |
| S-4     | *1                             | *1                                  | *1                                      | 2.27  | 2.27   | 2.27                        | sheen                     | *1                    | *1                             |

NOTES:

\*1 - Not surveyed due to high water conditions.

Elevations based on survey performed on April 29, 2003 with temporary benchmark of 56.42 feet as referenced from MBTA's Old Colony Railroad Rehabilitation Project (Sheet C-73 and G-13).

nm - not measured

LNAPL - light non-aqueous phase liquid (Quench Oil, density/specific gravity = 0.92 g/cc).

**Table 2**  
**Water Quality Data - Field Parameter Results**  
**April 2003**

Bridgewater Corporation Property (RTN 4-1187)  
 Bridgewater, MA

| Location ID | Date     | Field Parameters |        |         |       |        |           |        |
|-------------|----------|------------------|--------|---------|-------|--------|-----------|--------|
|             |          | SWL              | pH     | Cond    | Temp  | DO     | Turbidity | ORP/Eh |
|             |          | (feet)           | (S.U.) | (mS/cm) | (°C)  | (mg/L) | (NTU)     | (mV)   |
| RIZ-1       | 04/14/03 | 6.12             | 6.55   | 0.541   | 8.49  | 2.67   | 3.1       | 405    |
| RIZ-2       | 04/14/03 | 2.73             | 6.42   | 0.457   | 8.13  | 0.28   | 3.1       | 396    |
| RIZ-3       | 04/14/03 | 2.93             | 6.24   | 0.551   | 9.45  | 0.47   | 5.0       | 400    |
| RIZ-5       | 04/14/03 | 7.10             | 6.43   | 0.461   | 9.19  | 1.63   | 5.3       | 144    |
| RIZ-6       | 04/14/03 | 8.78             | 6.20   | 0.518   | 7.30  | 4.64   | 4.3       | 246    |
| RIZ-7       | 04/15/03 | 5.20             | 6.69   | 0.307   | 7.66  | 0.33   | 6.1       | 262    |
| RIZ-8       | 04/15/03 | 12.26            | 6.15   | 0.169   | 11.64 | 2.28   | 25.0      | 315    |
| RIZ-11      | 04/29/03 | 3.64             | 5.87   | 0.436   | 13.18 | 3.39   | 17        | 296.5  |
| RIZ-15      | 04/29/03 | 4.07             | 5.89   | 0.149   | 13.83 | 0.85   | 66        | 166.1  |
| RIZ-17      | 04/14/03 | 6.28             | 6.20   | 0.353   | 10.88 | 0.20   | 6.4       | 100    |
| RIZ-18      | 04/14/03 | 0.67             | 6.35   | 0.106   | 7.32  | 3.91   | 1.9       | 420    |
| MW-4        | 04/29/03 | 7.56             | 5.69   | 0.686   | 12.46 | 4.34   | 4         | 316.5  |
| MW-5        | 04/15/03 | 4.68             | 5.67   | 1.153   | 10.61 | 0.89   | 2.8       | 327    |

**NOTES:**

1. SWL - Static water levels, measured during sampling. Do not compare these numbers with the May 22, 2003 round as many riser elevations were modified.
2. S.U. - standard units, mS/cm - millisiemens per centimeter, °C - degrees Celsius, mg/L - milligrams per liter, ug/L - micrograms per liter, NTU - nephelometric turbidity units, mV - millivolt.

G:\Hazard\MBTA\2002 CONTRACT\Bridgewater RTN 4-1187\Tables\Phase IV Completion Tables.xls\Table 1

**Table 3**  
**Water Quality Data - VOC Results**  
**April 2003**

Bridgewater Corporation Property (RTN 4-1187)  
 Bridgewater, MA

| Location ID | Date     | Total VOCs<br>(ug/L) | Method 1 Ground-<br>water Standards |                |
|-------------|----------|----------------------|-------------------------------------|----------------|
|             |          |                      | GW-2<br>(ug/L)                      | GW-3<br>(ug/L) |
| RIZ-1       | 04/14/03 | ND                   | --                                  | *1             |
| RIZ-2       | 04/14/03 | ND                   | --                                  | *1             |
| RIZ-3       | 04/14/03 | ND                   | --                                  | *1             |
| RIZ-5       | 04/14/03 | ND                   | --                                  | *1             |
| RIZ-6       | 04/14/03 | ND                   | --                                  | *1             |
| RIZ-7       | 04/15/03 | ND                   | --                                  | *1             |
| RIZ-8       | 04/15/03 | ND                   | --                                  | *1             |
| RIZ-11      | 04/29/03 | ND                   | *1                                  | --             |
| RIZ-15      | 04/29/03 | ND                   | --                                  | *1             |
| RIZ-17      | 04/14/03 | ND                   | --                                  | *1             |
| RIZ-18      | 04/14/03 | ND                   | --                                  | *1             |
| MW-4        | 04/29/03 | ND                   | --                                  | *1             |
| MW-5        | 04/15/03 | ND                   | --                                  | *1             |

**NOTES:**

\*1 - All target analyte method detection limits are below respective GW-2/GW-3 standards.

2. VOCs tested via EPA Method 8260B.

ND - no target analytes or compound groups were detected above respective  
 method detection limits.

-- - not applicable for respective GW standard.

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**Table 4**  
**Water Quality Data - EPH Results**  
**April 2003**

Bridgewater Corporation Property (RTN 4-1187)  
 Bridgewater, MA

| Location ID | Date     | Total EPH<br>(ug/L)   | Method 1 Ground-<br>water Standards |                |
|-------------|----------|---|-------------------------------------|----------------|
|             |          |   | GW-2<br>(ug/L)                      | GW-3<br>(ug/L) |
| RIZ-1       | 04/14/03 | ND  | --                                  | *1             |
| RIZ-2       | 04/14/03 | ND  | --                                  | *1             |
| RIZ-3       | 04/14/03 | ND  | --                                  | *1             |
| RIZ-5       | 04/14/03 | ND  | --                                  | *1             |
| RIZ-6       | 04/14/03 | ND  | --                                  | *1             |
| RIZ-7       | 04/15/03 | ND  | --                                  | *1             |
| RIZ-8       | 04/15/03 | 134 (C <sub>19</sub> - C <sub>36</sub> aliphatics)            | --                                  | 20,000         |
| RIZ-11      | 04/29/03 | 127 (C <sub>19</sub> - C <sub>36</sub> aliphatics)            | N/A                                 | --             |
| RIZ-15      | 04/29/03 | 121 (C <sub>19</sub> - C <sub>36</sub> aliphatics)            | --                                  | 20,000         |
|             |          | 150 (C <sub>11</sub> - C <sub>22</sub> aromatics, unadjusted) | --                                  | 30,000         |
|             |          | 150 (C <sub>11</sub> - C <sub>22</sub> aromatics, adjusted)   | --                                  | 30,000         |
| RIZ-17      | 04/14/03 | ND  | --                                  | *1             |
| RIZ-18      | 04/14/03 | ND  | --                                  | *1             |
| MW-4        | 04/29/03 | ND  | --                                  | *1             |
| MW-5        | 04/15/03 | ND  | --                                  | *1             |

**NOTES:**

\*1 - All target analyte method detection limits are below respective GW-2/GW-3 standards.

2. EPH tested via MADEP-EPH-98-1.

N/A - no applicable GW standard.

ND - no target analytes or compound groups were detected above respective method detection limits.

-- - not applicable for respective GW standard.

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**Table 5**  
**Historical Product Thickness Data**

Bridgewater Corporation Property (RTN 4-1187)  
Bridgewater, MA

| Well ID  | Rizzo    |          |          |          | WSE      |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|
|          | 08/29/97 | 06/02/99 | 08/17/99 | 07/02/02 | 02/25/03 | 04/14/03 | 05/22/03 |
| Sump S-1 | --       | --       | --       | ~0.72    | 0.02     | 0.34     | 1.14     |
| Sump S-2 | --       | --       | --       | --       | 0.67     | 1.53     | 1.45     |
| Sump S-3 | --       | --       | --       | 0.1      | 0.02     | 0.02     | sheen    |
| Sump S-4 | --       | --       | --       | 0.1      | 0.02     | --       | sheen    |
| RIZ-14   | 0.67     | >0.125"  | >0.125"  | 0.72     | --       | 0.01     | 0.27     |
| RIZ-16   | 1.54     | >0.125"  | >0.125"  | --       | --       | s        | 2.06     |
| RIZ-19   | 1.36     | >0.125"  | >0.125"  | --       | --       | s        | 1.48     |

**NOTES:**

1. s = well submerged under surface water.
2. "--" - not measured or reported.
3. Wells RIZ-14, RIZ-16 & RIZ-19 installed in August 1997.
4. Rizzo data obtained from data presented in their 1997 Phase II Comprehensive Site Assessment, combined 1998 Phase III Remedial Action Plan and Phase IV Remedy Implementation Plan and 1999 RAM Status Report.

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**Table 6**  
**Historical VOC Water Quality Data**

Bridgewater Corporation Property (RTN 4-1187)  
Bridgewater, MA

|             |            | GeoTrans            | Stone & Webster | GeoTrans | Rizzo         | Rizzo      | Rizzo       | WSE        |
|-------------|------------|---------------------|-----------------|----------|---------------|------------|-------------|------------|
|             |            | May 1992            | June 1992       | May 1995 | February 1997 | March 1997 | August 1997 | April 2003 |
| Location ID | Parameter  | Concentration, ug/L |                 |          |               |            |             |            |
| RIZ-1       | all VOCs   | *                   | *               | *        | ND            | ND         | --          | ND         |
| RIZ-2       | benzene    | *                   | *               | *        | 5.3           | ND         | --          | ND         |
|             | 1,2,4-TMB  | *                   | *               | *        | 3.1           | ND         | --          | ND         |
|             | other VOCs | *                   | *               | *        | ND            | ND         | --          | ND         |
| RIZ-3       | all VOCs   | *                   | *               | *        | ND            | ND         | --          | ND         |
| RIZ-5       | MTBE       | *                   | *               | *        | 2.1           | ND         | --          | ND         |
|             | other VOCs | *                   | *               | *        | ND            | ND         | --          | ND         |
| RIZ-6       | MTBE       | *                   | *               | *        | 2.4           | 7.5        | --          | ND         |
|             | other VOCs | *                   | *               | *        | ND            | ND         | --          | ND         |
| RIZ-7       | all VOCs   | *                   | *               | *        | ND            | ND         | --          | ND         |
| RIZ-8       | all VOCs   | *                   | *               | *        | --            | ND         | --          | ND         |
| RIZ-11      | all VOCs   | *                   | *               | *        | --            | --         | ND          | ND         |
| RIZ-15      | all VOCs   | *                   | *               | *        | --            | --         | ND          | ND         |
| RIZ-17      | all VOCs   | *                   | *               | *        | --            | --         | ND          | ND         |
| RIZ-18      | all VOCs   | *                   | *               | *        | --            | --         | ND          | ND         |
| MW-4        | benzene    | ND                  | --              | 5.9      | ND            | ND         | --          | ND         |
|             | MTBE       | NR                  | --              | ND       | 66            | 27         | --          | ND         |
|             | other VOCs | ND                  | --              | ND       | ND            | ND         | --          | ND         |
| MW-5        | benzene    | ND                  | --              | 8.8      | ND            | ND         | --          | ND         |
|             | MTBE       | NR                  | --              | ND       | 160           | 230        | --          | ND         |
|             | other VOCs | ND                  | --              | ND       | ND            | ND         | --          | ND         |
| Sump S-1    | all VOCs   | --                  | ND              | --       | --            | --         | --          | --         |
| Sump S-2    | all VOCs   | --                  | ND              | --       | --            | --         | --          | --         |
| Sump S-3    | all VOCs   | --                  | ND              | --       | --            | --         | --          | --         |
| Sump S-4    | all VOCs   | --                  | --              | --       | --            | --         | --          | --         |

**NOTES:**

1. ND - no target analytes or compound groups were detected above respective method detection limits.
2. "--" - No record of sampling based on referenced reports, not sampled or not reported.
3. \*\*\* - Groundwater monitoring wells not yet installed.
4. All VOCs - Indicates VOCs represented on data tables from historical reports.

G:\Hazardous\W3TA\2002 CONTRACT\Bridgewater RTN 4-1187\Tables\Phase IV Completion Tables.xls\Table 1

**Table 7**  
**Historical EPH Water Quality Data**

Bridgewater Corporation Property (RTN 4-1187)  
Bridgewater, MA

|             |   | GeoTrans            | Stone & Webster | GeoTrans            | Rizzo         | Rizzo      | Rizzo       | WSE        |
|-------------|---|---------------------|-----------------|---------------------|---------------|------------|-------------|------------|
|             |   | May 1992            | June 1992       | May 1995            | February 1997 | March 1997 | August 1997 | April 2003 |
| Location ID | Parameter                                       | Concentration, ug/L |                 |                     |               |            |             |            |
| RIZ-1       | C <sub>9</sub> - C <sub>18</sub> aliphatics     | *                   | *               | *                   | --            | ND         | --          | ND         |
|             | C <sub>19</sub> - C <sub>32/36</sub> aliphatics | *                   | *               | *                   | --            | ND         | --          | ND         |
|             | C <sub>11</sub> - C <sub>32</sub> aromatics     | *                   | *               | *                   | 680           | ND         | --          | ND         |
| RIZ-2       | C <sub>9</sub> - C <sub>18</sub> aliphatics     | *                   | *               | *                   | ND            | --         | --          | ND         |
|             | C <sub>19</sub> - C <sub>32/36</sub> aliphatics | *                   | *               | *                   | ND            | 69         | --          | ND         |
|             | C <sub>11</sub> - C <sub>32</sub> aromatics     | *                   | *               | *                   | ND            | --         | --          | ND         |
| RIZ-3       | C <sub>9</sub> - C <sub>18</sub> aliphatics     | *                   | *               | *                   | ND            | 20         | --          | ND         |
|             | C <sub>19</sub> - C <sub>32/36</sub> aliphatics | *                   | *               | *                   | ND            | 23         | --          | ND         |
|             | C <sub>11</sub> - C <sub>32</sub> aromatics     | *                   | *               | *                   | ND            | --         | --          | ND         |
| RIZ-5       | C <sub>9</sub> - C <sub>18</sub> aliphatics     | *                   | *               | *                   | ND            | --         | --          | ND         |
|             | C <sub>19</sub> - C <sub>32/36</sub> aliphatics | *                   | *               | *                   | ND            | 22         | --          | ND         |
|             | C <sub>11</sub> - C <sub>32</sub> aromatics     | *                   | *               | *                   | ND            | --         | --          | ND         |
| RIZ-6       | C <sub>9</sub> - C <sub>18</sub> aliphatics     | *                   | *               | *                   | ND            | 11         | --          | ND         |
|             | C <sub>19</sub> - C <sub>32/36</sub> aliphatics | *                   | *               | *                   | ND            | 23         | --          | ND         |
|             | C <sub>11</sub> - C <sub>32</sub> aromatics     | *                   | *               | *                   | ND            | --         | --          | ND         |
| RIZ-7       | C <sub>9</sub> - C <sub>18</sub> aliphatics     | *                   | *               | *                   | ND            | 50         | --          | ND         |
|             | C <sub>19</sub> - C <sub>32/36</sub> aliphatics | *                   | *               | *                   | ND            | 250        | --          | ND         |
|             | C <sub>11</sub> - C <sub>32</sub> aromatics     | *                   | *               | *                   | ND            | 1,000      | --          | ND         |
| RIZ-8       | C <sub>9</sub> - C <sub>18</sub> aliphatics     | *                   | *               | *                   | --            | 85         | --          | ND         |
|             | C <sub>19</sub> - C <sub>32/36</sub> aliphatics | *                   | *               | *                   | --            | 360        | --          | 134        |
|             | C <sub>11</sub> - C <sub>32</sub> aromatics     | *                   | *               | *                   | --            | 580        | --          | ND         |
| RIZ-11      | C <sub>19</sub> - C <sub>32/36</sub> aliphatics | *                   | *               | *                   | --            | --         | ND          | 127        |
| RIZ-15      | C <sub>9</sub> - C <sub>18</sub> aliphatics     | *                   | *               | *                   | --            | --         | 70          | ND         |
|             | C <sub>19</sub> - C <sub>32/36</sub> aliphatics | *                   | *               | *                   | --            | --         | 210         | 121        |
|             | C <sub>11</sub> - C <sub>32</sub> aromatics     | *                   | *               | *                   | --            | --         | 1,300       | 150        |
| RIZ-17      | C <sub>9</sub> - C <sub>18</sub> aliphatics     | *                   | *               | *                   | --            | --         | 310         | ND         |
|             | C <sub>19</sub> - C <sub>32/36</sub> aliphatics | *                   | *               | *                   | --            | --         | 930         | ND         |
|             | C <sub>11</sub> - C <sub>32</sub> aromatics     | *                   | *               | *                   | --            | --         | 910         | ND         |
| RIZ-18      | C <sub>9</sub> - C <sub>18</sub> aliphatics     | *                   | *               | *                   | --            | --         | 58          | ND         |
|             | C <sub>19</sub> - C <sub>32/36</sub> aliphatics | *                   | *               | *                   | --            | --         | 250         | ND         |
|             | C <sub>11</sub> - C <sub>32</sub> aromatics     | *                   | *               | *                   | --            | --         | 1,500       | ND         |
| MW-4        | C <sub>19</sub> - C <sub>32/36</sub> aliphatics | <5,000 <sup>1</sup> | --              | <1,000 <sup>1</sup> | ND            | 12         | --          | ND         |
| MW-5        | C <sub>19</sub> - C <sub>32/36</sub> aliphatics | <5,000 <sup>1</sup> | --              | <1,000 <sup>1</sup> | ND            | 56         | --          | ND         |
| Sump S-1    | C <sub>11</sub> - C <sub>32</sub> aromatics     | 2,400 <sup>1</sup>  | 6,500           | --                  | --            | --         | --          | --         |
| Sump S-2    | C <sub>11</sub> - C <sub>32</sub> aromatics     | 3,200 <sup>1</sup>  | 6,200           | --                  | --            | --         | --          | --         |
| Sump S-3    | C <sub>11</sub> - C <sub>32</sub> aromatics     | --                  | 2,800           | --                  | --            | --         | --          | --         |
| Sump S-4    | --  | --                  | --              | --                  | --            | --         | --          | --         |

**NOTES:**

- <sup>1</sup> - Samples tested using EPA Method 418.1.
- ND - no target analytes or compound groups were detected above respective method detection limits (MDLs). MDLs not shown for ease of observing historical trends.
- - No record of sampling based on referenced reports, not sampled, or not reported.
- \*\*\* - Groundwater monitoring wells not yet installed.
- C<sub>9</sub> - C<sub>32/36</sub> aliphatics - historical data reported to C<sub>32</sub>, recent 2003 data reported to C<sub>36</sub>.

G:\Hazardous Waste\BTA\2002 CONTRACT\Bridgewater RTN 4-1187\Tables\Phase IV Completion Tables.xls\Table 1

**Table 8**  
**QA/QC Summary Results (Page 1)**  
**April 2003**

Bridgewater Corporation Property (RTN 4-1187)  
 Bridgewater, MA

| Surrogate Recoveries   |  |  |
|--|--|--|
| Sample ID  | VOC analysis<br>(EPA Method 8260B) <sup>*1</sup> | EPH analysis<br>(MADEP-EPH-98-1) <sup>*2</sup> |
| RIZ-1  | acceptable                                       | acceptable                                     |
| RIZ-2  | acceptable                                       | acceptable                                     |
| RIZ-3  | acceptable                                       | acceptable                                     |
| RIZ-5  | acceptable                                       | acceptable                                     |
| RIZ-6  | acceptable                                       | acceptable                                     |
| RIZ-7  | acceptable                                       | acceptable                                     |
| RIZ-8  | acceptable                                       | acceptable                                     |
| RIZ-11   | acceptable                                       | acceptable                                     |
| RIZ-15   | acceptable                                       | acceptable                                     |
| RIZ-17   | acceptable                                       | acceptable                                     |
| RIZ-18   | acceptable                                       | acceptable                                     |
| MW-4   | acceptable                                       | acceptable                                     |
| MW-5   | acceptable                                       | acceptable                                     |
| QA/QC for samples RIZ-11, RIZ-15, MW-4   |  |  |
| LCS - VOC  | acceptable                                       | --   |
| LCS - EPH  | --   | acceptable                                     |
| matrix spike   | --   | acceptable                                     |
| lab blank  | acceptable                                       | acceptable                                     |
| duplicate 1  | --   | acceptable                                     |
| duplicate 2  | --   | acceptable                                     |
| QA/QC for samples RIZ-1, RIZ-2, RIZ-3, RIZ-5,<br>RIZ-6, RIZ-7, RIZ-8, RIZ-17, RIZ-18, MW-5 |  |  |
| LCS - VOC (01 - 05)  | acceptable                                       | --   |
| LCS - VOC (06 - 10)  | acceptable                                       | --   |
| LCS - EPH (01 - 10)  | --   | acceptable                                     |
| matrix spike   | acceptable                                       | acceptable                                     |
| lab blank (01 - 05)  | acceptable                                       | acceptable                                     |
| lab blank (06 - 10)  | acceptable                                       | acceptable                                     |
| duplicate 1  | --   | acceptable                                     |
| duplicate 2  | --   | acceptable                                     |

**NOTES:**

\*1 - VOC surrogates: 1,2-dichloroethane-d4, toluene-d8, 4-bromofluorobenzene, dibromofluoromethane

\*2 - EPH surrogates: chloro-octadecane, o-terphenyl, 2-fluorobiphenyl, 2-bromonaphthalene

LCS - Laboratory control sample

(01 - 05) - RIZ-1, RIZ-2, RIZ-3, RIZ-5, RIZ-6,

(06 - 10) - RIZ-7, RIZ-8, RIZ-17, RIZ-18, MW-5

"--" - not performed by laboratory



**Table 8**  
**QA/QC Summary Results (Page 2)**  
**April 2003**

Bridgewater Corporation Property (RTN 4-1187)  
Bridgewater, MA

|  | VOC analysis<br>(EPA Method 8260B) | EPH analysis<br>(MADEP-EPH-98-1) |
|--|------------------------------------|----------------------------------|
| <b>Samples RIZ-11, RIZ-15, MW-4</b>  |                                    |                                  |
| Batch Duplicate Analysis<br>duplicate (RPD)*1  | --                                 | acceptable                       |
| Batch Spike Analysis<br>LCS  | acceptable                         | acceptable                       |
| matrix spike   | --                                 | *2                               |
| Batch Blank Analysis<br>lab blank  | ND                                 | ND                               |
| <b>Samples RIZ-1, RIZ-2, RIZ-3, RIZ-5, RIZ-6, RIZ-7, RIZ-8, RIZ-17, RIZ-18, MW-5</b> |                                    |                                  |
| Batch Duplicate Analysis<br>RPD*1 (RIZ-3)  | --                                 | acceptable                       |
| Batch Spike Analysis<br>LCS - VOC (01 - 05)  | acceptable                         | --                               |
| LCS - VOC (06 - 10)  | acceptable                         | --                               |
| LCS - EPH (01 - 10)  | --                                 | *3                               |
| matrix spike (RIZ-3)   | --                                 | *4                               |
| Batch Blank Analysis<br>lab blank (01 - 05)  | ND                                 | --                               |
| lab blank (06 - 10)  | ND                                 | --                               |
| lab blank (01 - 10)  | --                                 | ND                               |

**NOTES:**

\*1 - RPD - Relative percent difference, not calculated for concentrations less than 10 times method detection limit

\*2 - Matrix spike recovery low for naphthalene and nonane (spiked sample was not site specific)

\*3 - Low recovery for nonane in laboratory control sample (LCS)

\*4 - Matrix spike recovery low for naphthalene and nonane (spiked sample is RIZ-3)

ND - no target analytes or compound groups were detected above respective method detection limits.

-- - not performed by laboratory

**APPENDIX A**

Limitations

## **LIMITATIONS**

This Response Action Outcome Statement Report was prepared for the use of MBTA, exclusively. The findings provided by Weston & Sampson in this report are based solely on the information reported in this document. Future investigations, and/or information that was not available to Weston & Sampson at the time of the investigation, may result in a modification of the findings stated in this report.

Should additional information become available concerning this Site or neighboring properties that could directly impact the Site in the future, that information should be made available to Weston & Sampson for review so that, if necessary, conclusions presented in this report may be modified. The conclusions of this report are based on Site conditions observed by Weston & Sampson personnel at the time of the investigation, information provided by MBTA and samples collected and analyzed on the dates shown or stated in this report. This report has been prepared in accordance with generally accepted engineering and geological practices. No other warranty, express or implied, is made.

G:\Hazard\MBTA\2002 CONTRACT\Bridgewater RTN 4-1187\Report\RAO\RAO Statement Report.doc

**APPENDIX B**

DEP Form BWSC-104  
Public Notification Letters





Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC104

RESPONSE ACTION OUTCOME (RAO) STATEMENT

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

Release Tracking Number

4 - 1187

A. SITE LOCATION:

1. Site Name/Location Aid: Bridgewater Corporation Property

2. Street Address: 106 Hale Street

3. City/Town: Bridgewater

4. ZIP Code: 02324-0000

- ☒ 5. Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.  
☐ a. Tier 1A ☒ b. Tier 1B ☐ c. Tier 1C ☐ d. Tier 2

6. If a Tier I Permit has been issued, provide Permit Number: W028914

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

1. List Submittal Date of RAO Statement (if previously submitted): \_\_\_\_\_ MM/DD/YYYY

- ☒ 2. Submit a Response Action Outcome (RAO) Statement

☐ a. Check here if this RAO Statement covers additional Release Tracking Numbers (RTNs). RTNs that have been previously linked to a Primary Tier Classified RTN do not need to be listed here.

b. Provide additional Release Tracking Number(s) that are covered by this RAO Statement.

☐ -  ☐ -

- ☐ 3. Submit a Revised Response Action Outcome Statement

☐ a. Check here if this Revised RAO Statement covers additional Release Tracking Numbers (RTNs), not listed on the RAO Statement or previously submitted Revised RAO Statements. RTNs that have been previously linked to a Primary Tier Classified RTN do not need to be listed here.

b. Provide additional Release Tracking Number(s) that are covered by this RAO Statement.

☐ -  ☐ -

- ☐ 4. Submit a Response Action Outcome Partial (RAO-P) Statement

Check above box, if any Response Actions remain to be taken to address conditions associated with this disposal site having the Primary RTN listed in the header section of this transmittal form. This RAO Statement will record only an RAO-Partial Statement for that RTN. A final RAO Statement will need to be submitted that references all RAO-Partial Statements and, if applicable, covers any remaining conditions not covered by the RAO-Partial Statements.

- ☐ 5. Submit an optional Phase I Completion Statement supporting an RAO Statement

- ☐ 6. Submit a Periodic Review Opinion evaluating the status of a Temporary Solution for a Class C RAO Statement (Section E is optional)

- ☐ 7. Submit a Retraction of a previously submitted Response Action Outcome Statement (Sections D & E are not required)

(All sections of this transmittal form must be filled out unless otherwise noted above)





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C. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply, for volumes list cumulative amounts)

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> 1. Assessment and/or Monitoring Only                | <input type="checkbox"/> 2. Temporary Covers or Caps                        |
| <input checked="" type="checkbox"/> 3. Deployment of Absorbent or Containment Materials | <input type="checkbox"/> 4. Temporary Water Supplies                        |
| <input type="checkbox"/> 5. Structure Venting System                                    | <input type="checkbox"/> 6. Temporary Evacuation or Relocation of Residents |
| <input checked="" type="checkbox"/> 7. Product or NAPL Recovery                         | <input type="checkbox"/> 8. Fencing and Sign Posting                        |
| <input checked="" type="checkbox"/> 9. Groundwater Treatment Systems                    | <input type="checkbox"/> 10. Soil Vapor Extraction                          |
| <input type="checkbox"/> 11. Bioremediation   | <input type="checkbox"/> 12. Air Sparging                                   |
| <input type="checkbox"/> 13. Removal of Contaminated Soils                              |   |

- ☐ a. Re-use, Recycling or Treatment ☐ i. On Site Estimated volume in cubic yards \_\_\_\_\_  
☐ ii. Off Site Estimated volume in cubic yards \_\_\_\_\_

ii. Facility Name: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

ii. Facility Name: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

iii. Describe: \_\_\_\_\_

- ☐ b. Landfill
- ☐ i. Cover Estimated volume in cubic yards \_\_\_\_\_  
Facility Name: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_
- ☐ ii. Disposal Estimated volume in cubic yards \_\_\_\_\_  
Facility Name: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

- ☒ 14. Removal of Drums, Tanks or Containers:
- a. Describe Quantity and Amount: 9 drums oily solids (11/20/02)  
8 drums oily liquids (11/20/02)
- b. Facility Name: General Chemical Town: Framingham State: MA
- c. Facility Name: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_





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**C. DESCRIPTION OF RESPONSE ACTIONS (cont.):** (check all that apply, for volumes list cumulative amounts)

☐ 15. Removal of Other Contaminated Media:

a. Specify Type and Volume: \_\_\_\_\_

b. Facility Name: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

c. Facility Name: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

☐ 16. Other Response Actions:

Describe: \_\_\_\_\_

☐ 17. Use of Innovative Technologies:

Describe: \_\_\_\_\_

**D. RESPONSE ACTION OUTCOME CLASS:**

Specify the Class of Response Action Outcome that applies to the disposal site, or site of the Threat of Release.  
Select **ONLY** one Class.

☐ 1. Class A-1 RAO: Specify one of the following:

☐ a. Contamination has been reduced to background levels. ☐ b. A Threat of Release has been eliminated.

☐ 2. Class A-2 RAO: You **MUST** provide justification that reducing contamination to or approaching background levels is infeasible.

☐ 3. Class A-3 RAO: You **MUST** provide an implemented Activity and Use Limitation (AUL) and justification that reducing contamination to or approaching background levels is infeasible.

☐ 4. Class A-4 RAO: You **MUST** provide an implemented AUL, justification that reducing contamination to or approaching background levels is infeasible; and justification that reducing contamination to less than Upper Concentration Limits (UCLs) 15 feet below ground surface or below an engineered barrier is infeasible. If the permanent solution relies upon an engineered barrier, you must also provide a Phase III report justifying the selection of the engineered barrier.





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D. RESPONSE ACTION OUTCOME CLASS (cont.):

- ☐ 5. Class B-1 RAO: Specify one of the following:
- ☐ a. Contamination is consistent with background levels ☐ b. Contamination is **NOT** consistent with background levels.
- ☐ 6. Class B-2 RAO: You **MUST** provide an implemented AUL.
- ☐ 7. Class B-3 RAO: You **MUST** provide an implemented AUL and justification that reducing contamination to less than Upper Concentration Limits (UCLs) 15 feet below ground surface is infeasible.
- ☒ 8. Class C RAO: Specify one:
- ☐ a. Monitoring ☐ b. Passive Operation and Maintenance
- ☒ c. Active Operation and Maintenance (defined at 310 CMR 40.0006)

E. RESPONSE ACTION OUTCOME INFORMATION:

1. Specify the Risk Characterization Method(s) used to achieve the RAO described above:
- ☒ a. Method 1 ☐ b. Method 2 ☐ c. Method 3
- ☐ d. Method Not Applicable-Contamination reduced to or consistent with background, or Threat of Release abated
2. Specify all Soil and Groundwater Categories used in the Risk Characterization. More than one Soil Category and more than one Groundwater Category may apply at a Site. Be sure to check off all **APPLICABLE** categories.
- a. Soil Category(ies) Applicable:
- ☐ i. S-1/GW-1 ☐ iv. S-2/GW-1 ☐ vii. S-3/GW-1
- ☒ ii. S-1/GW-2 ☒ v. S-2/GW-2 ☐ viii. S-3/GW-2
- ☒ iii. S-1/GW-3 ☒ vi. S-2/GW-3 ☐ ix. S-3/GW-3
- b. Groundwater Category(ies) Impacted:
- ☐ i. GW-1 ☒ ii. GW-2 ☒ iii. GW-3
3. Specify remediation conducted.
- ☐ a. Check here if soil remediation was conducted.
- ☒ b. Check here if groundwater remediation was conducted.
4. Estimate the number of acres this RAO Statement applies to: ≈ 1.0 acres







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F. LSP SIGNATURE AND STAMP :

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> if Section B indicates that either an RAO Statement, Phase I Completion Statement and/or Periodic Review Opinion is being provided, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. First Name: Kelley 2. Last Name: Race  
3. Telephone: (978) 532-1900 4. Ext.: 2266 5. FAX: (978) 977-0100  
6. Signature:  7. Date: 8-28-03  
8. LSP #: 3180 9. LSP Stamp:



G. PERSON MAKING SUBMITTAL:

1. Check all that apply: ☐ a. change in contact name. ☐ b. change of address ☐ c. change in the person undertaking response actions  
2. Name of Organization: Massachusetts Bay Transportation Authority  
3. Contact First Name: Andrew 4. Last Name: Brennan  
5. Street: 10 Park Plaza, Room 6720 6. Title: Dir. of Env. Affairs  
7. City/Town: Boston 8. State: MA 9. ZIP Code: 02116-0000  
10. Telephone: (617) 222-3126 11. Ext.:  12. FAX: (617) 222-1557





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**H. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON MAKING SUBMITTAL:**

- ☒ 1. RP or PRP    ☒ a. Owner    ☐ b. Operator    ☐ c. Generator    ☐ d. Transporter

☐ e. Other RP or PRP Specify: \_\_\_\_\_

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

☐ 4. Any Other Person Making Submittal Specify Relationship: \_\_\_\_\_

**I. REQUIRED ATTACHMENT AND SUBMITTALS:**

- ☒ 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.
- ☐ 2. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of an RAO Statement that relies on the public way/rail right-of-way exemption from the requirements of an AUL.
- ☒ 3. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of a RAO Statement with instructions on how to obtain a full copy of the report.
- ☒ 4. Check here to certify that documentation is attached specifying the location of the Site, or the location and boundaries of the Disposal Site subject to this RAO 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.
- ☐ 5. Check here if required to submit one or more AULs. You must submit an AUL Transmittal Form (BWSC113) and a copy of each implemented AUL related to this RAO Statement. Specify the type of AUL(s) below: (required for Class A-3, A-4, B-2, B-3 RAO Statements)
- ☐ a. Notice of Activity and Use Limitation    b. Number of Notices submitted: \_\_\_\_\_
- ☐ c. Grant of Environmental Restriction    d. Number of Grants submitted: \_\_\_\_\_
- ☐ 6. If an RAO Compliance Fee is required for any of the RTNs listed on this transmittal form, check here to certify that an RAO Compliance Fee was submitted to DEP, P. O. Box 4062, Boston, MA 02211.
- ☐ 7. Check here if any non-updatable information provided on this form is incorrect, e.g. Site Address/Location Aid. Send corrections to the DEP Regional Office.
- ☒ 8. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.





Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

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RESPONSE ACTION OUTCOME (RAO) STATEMENT

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

Release Tracking Number

4 - 1187

J. CERTIFICATION OF PERSON MAKING SUBMITTAL:

1. I, Andrew D. Brennan, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: [Signature] 3. Title: Dir. of Env. Affairs  
Signature

4. For: Massachusetts Bay Transportation Authority 8/22/05  
(Name of person or entity recorded in Section G) (mm/dd/yyyy)

☐ 5. Check here if the address of the person providing certification is different from address recorded in Section G.

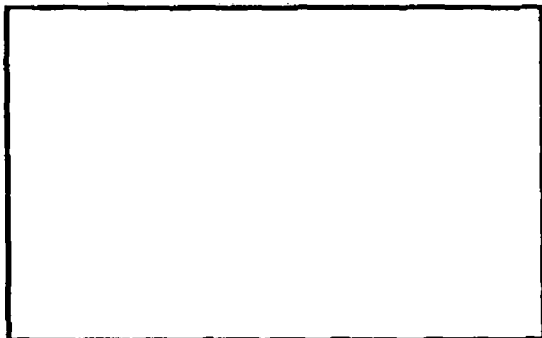
6. Street: \_\_\_\_\_

7. City/Town: \_\_\_\_\_ 8. State: \_\_\_\_\_ 9. ZIP Code: \_\_\_\_\_

10. Telephone: \_\_\_\_\_ 11. Ext.: \_\_\_\_\_ 12. FAX: \_\_\_\_\_

YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY  
RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU  
MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)



**FORMER BRIDGEWATER CORPORATION**  
**RTN 4-1187**

**BWSC-104 ATTACHMENT**

The Former Bridgewater Corporation Property (the Site) located at 106 Hale Street in Bridgewater, Massachusetts, designated as RTN 4-1187, is subject to Administrative Consent Order ACO-SE-03-35-005, Permit Number W028914.



## **LSP OPINION**

Based on review of the data compiled for Release Tracking Number (RTN) 4-1187, located at the Former Bridgewater Corporation Property at 106 Hale Street in Bridgewater, Massachusetts, it is Weston & Sampson's opinion that the "Site" associated with RTN 4-1187 meets the regulatory requirements for a Class C Response Action Outcome (RAO). This RTN is associated with a petroleum (quench oil) release in 1992. The release was attributed to leaking underground storage tanks (USTs). The USTs have been removed from the Site but residual non-aqueous phase liquid (NAPL) exists at the release area. Based on the results of the risk characterization, the Site conditions supporting a Class C RAO for a Temporary Solution include the following:

1. Under current conditions, the Site does not pose a significant risk to human health, safety or the environment. An Activity and Use Limitation (AUL) is not required to maintain a condition of No Significant Risk during the effective 5-year period of the Class C RAO for a Temporary Solution.
2. A condition of significant risk to public welfare exists because NAPL is present at the Site.
3. Remedial measures have been implemented to recover and mitigate NAPL.
4. A Post-RAO Operations, Maintenance and Monitoring plan will be implemented in accordance with 310 CMR 40.0890.

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**Weston & Sampson**  
ENGINEERS, INC.



Weston & Sampson Engineers, Inc.  
Five Centennial Drive  
Peabody, MA 01960-7985  
www.westonandsampson.com  
Tel: (978) 532-1900 Fax: (978) 977-0100

*Innovative Solutions since 1899*

**MBTA - Bridgewater  
Weston & Sampson Project No. 203509.A**

August 28, 2003

Mr. Herbert J. Lemon  
Chairman, Bridgewater Board of Selectmen  
Memorial Building  
25 South Street  
Bridgewater, Massachusetts 02324

Re: Public Notification of a Response Action Outcome Statement  
Massachusetts Bay Transportation Authority  
Bridgewater Corporation Property  
106 Hale Street, Bridgewater, Massachusetts  
Release Tracking Number 4-1187

Dear Mr. Lemon:

Weston & Sampson Engineers, Inc., was contracted by the Massachusetts Bay Transportation Authority (MBTA) to prepare a Response Action Outcome (RAO) Statement for the presence of light non-aqueous phase liquids (LNAPL) at the above-referenced facility in Bridgewater, Massachusetts.

The RAO Statement was prepared in accordance with the Massachusetts Contingency Plan (MCP), 310 CMR 40.0000, and was submitted to the Department of Environmental Protection's Northeast Regional Office (DEP-NERO) in Boston, Massachusetts, where it is available for public review. If you have any questions regarding this Site, please contact our office at (978) 532-1900.

Very truly yours,

WESTON & SAMPSON ENGINEERS, INC.

Kelley C. Race, P.G., LSP  
Deputy Project Manager

cc: DEP-NERO, Boston, MA  
Debra Darby, MBTA  
File

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Massachusetts (HQ)  
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Peabody, MA 01960

Massachusetts  
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Essexborough, MA 02035

Connecticut  
2928 Main Street  
Glastonbury, CT 06033

Rhode Island  
23-18 Post Road, Suite B  
Warwick, RI 02886

New Hampshire  
195 Hanover Street, Suite 28  
Portsmouth, NH 03801

Maine  
PO Box 189  
York, ME 03909

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PO Box 189  
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Innovative Solutions since 1899

**MBTA - Bridgewater**  
**Weston & Sampson Project No. 203509.A**

August 28, 2003

Mr. Joseph Bracken  
Chairman, Bridgewater Board of Health  
Academy Building, 1<sup>st</sup> Level  
66 Central Square  
Bridgewater, Massachusetts 02324

Re: Public Notification of a Response Action Outcome Statement  
Massachusetts Bay Transportation Authority  
Bridgewater Corporation Property  
106 Hale Street, Bridgewater, Massachusetts  
Release Tracking Number 4-1187

Dear Mr. Bracken:

Weston & Sampson Engineers, Inc., was contracted by the Massachusetts Bay Transportation Authority (MBTA) to prepare a Response Action Outcome (RAO) Statement for the presence of light non-aqueous phase liquids (LNAPL) at the above-referenced facility in Bridgewater, Massachusetts.

The RAO Statement was prepared in accordance with the Massachusetts Contingency Plan (MCP), 310 CMR 40.0000, and was submitted to the Department of Environmental Protection's Northeast Regional Office (DEP-NERO) in Boston, Massachusetts, where it is available for public review. If you have any questions regarding this Site, please contact our office at (978) 532-1900.

Very truly yours,

WESTON & SAMPSON ENGINEERS, INC.

Kelley C. Race, P.G., LSP  
Deputy Project Manager

cc: DEP-NERO, Boston, MA  
Debra Darby, MBTA  
File

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Massachusetts (HQ)

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Connecticut

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Warwick, RI 02886

New Hampshire

195 Hanover Street, Suite 28  
Portsmouth, NH 03801

Maine

P.O. Box 189  
York, ME 03909

Vermont

P.O. Box 189  
Waterbury, VT 05676

## APPENDIX C

Historical Soil and Groundwater Data  
Phase II Comprehensive Site Assessment, Rizzo, 1997



| Locations:  | RIZ-1        | RIZ-2        | RIZ-3        | RIZ-4        | RIZ-5        | RIZ-6        | RIZ-7        | RIZ-8     | RIZ-9     | RIZ-10    |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|-----------|-----------|
| Sample Name:  | MB-RIZ-1-101 | MB-RIZ-2-102 | MB-RIZ-3-103 | MB-RIZ-4-104 | MB-RIZ-5-105 | MB-RIZ-6-106 | MB-RIZ-7-107 | RIZ-8/S4  | RIZ-9/S3  | RIZ-10/S4 |
| Sample Depth:   | 0-2'         | 1-4'         | 3-3'         | 2-4'         | 2-4'         | 3-4'         | 3-4'         | 4-8'      | 4-8'      | 4-8'      |
| Laboratory:   | AMRO         | AMRO         | AMRO         | AMRO         | AMRO         | AMRO         | AMRO         | AMRO      | AMRO      | AMRO      |
| Laboratory I.D.:  | 15110-01     | 15110-02     | 15110-03     | 15110-04     | 15110-05     | 15110-06     | 15110-07     | 15431-01  | 15431-02  | 15431-03  |
| Sample Date:  | 30-Jan-97    | 30-Jan-97    | 30-Jan-97    | 30-Jan-97    | 30-Jan-97    | 30-Jan-97    | 30-Jan-97    | 12-Mar-97 | 12-Mar-97 | 12-Mar-97 |
| Consultant:   | Rizzo        | Rizzo        | Rizzo        | Rizzo        | Rizzo        | Rizzo        | Rizzo        | Rizzo     | Rizzo     | Rizzo     |
| Method(s):  |              |              |              |              |              |              |              |           |           |           |
| <b>Volatile Organic Compounds</b>                       |              |              |              |              |              |              |              |           |           |           |
| Methylene chloride                                      | 130          | 72           | 140          | <60          | <64          | <61          | <67          | <71       | <59       | <63       |
| Toluene   | <28          | <26          | 99           | <24          | <26          | <24          | <27          | <28       | <23       | <25       |
| <b>Polycyclic Aromatic Hydrocarbons (mg/kg)</b>         |              |              |              |              |              |              |              |           |           |           |
| Acenaphthylene  | 0.35         | <0.029       | <0.048       | 1.00         | <0.027       | <0.027       | 0.043        | <0.028    | <0.053    | <0.054    |
| Anthracene  | 0.51         | <0.029       | <0.048       | 0.77         | <0.027       | <0.027       | 0.057        | <0.028    | <0.053    | <0.054    |
| Benz(a)anthracene                                       | 1.3          | <0.029       | <0.048       | 45.6         | <0.027       | 0.330        | 0.30         | 0.029     | 0.06      | <0.054    |
| Benz(a)pyrene   | 1.4          | <0.029       | <0.048       | 63.2         | <0.027       | 0.928        | 0.19         | <0.028    | 0.07      | <0.054    |
| Benz(b)fluoranthene                                     | 1.1          | <0.029       | <0.048       | 4.7          | <0.027       | 0.94         | 0.18         | <0.028    | 0.07      | <0.054    |
| Benz(g,h,i)perylene                                     | <0.53        | <0.059       | <0.095       | 1.70         | <0.053       | <0.053       | <0.061       | <0.070    | <0.11     | <0.11     |
| Benz(a,h)fluoranthene                                   | 1.1          | <0.029       | <0.048       | 4.6          | <0.027       | 0.928        | 0.18         | <0.028    | 0.07      | <0.054    |
| Chrysene  | 1.7          | <0.029       | <0.048       | 4.5          | <0.027       | 0.337        | 0.22         | 0.032     | 0.08      | 0.06      |
| Fluoranthene  | 3.1          | <0.029       | <0.048       | 8.8          | <0.027       | 0.059        | 0.39         | 0.059     | 120.00    | 0.11      |
| Indene(1,2,3-cd)pyrene                                  | 0.38         | <0.029       | <0.048       | <0.38        | <0.027       | <0.027       | <0.030       | <0.028    | <0.053    | <0.054    |
| Indene(1,2,3-cd)pyrene                                  | <0.53        | <0.059       | <0.095       | 1.90         | <0.053       | <0.053       | 0.069        | <0.070    | <0.11     | <0.11     |
| Naphthalene   | <0.27        | <0.029       | 180          | 1.60         | <0.027       | <0.027       | <0.030       | <0.028    | <0.053    | <0.054    |
| Phenanthrene  | 2.80         | <0.029       | 63           | 7.0          | <0.027       | 0.036        | 0.18         | 0.039     | 0.070     | 0.074     |
| Pyrene  | 2.70         | <0.029       | 53           | 2.7          | <0.027       | 0.049        | 0.30         | 0.063     | 0.14      | 0.13      |
| <b>Extractable Petroleum Hydrocarbons (EPH) (mg/kg)</b> |              |              |              |              |              |              |              |           |           |           |
| C9-C18 Aliphatics                                       | <54          | <57          | <99          | <56          | <53          | <51          | <56          | <56       | <52.0     | <53.0     |
| C19-C32 Aliphatics                                      | <54          | 66           | <99          | 470          | <53          | 61           | 65           | <56       | 100       | 180       |
| C11-C32 Aromatics                                       | <19          | <2.0         | <3.2         | <40          | <1.8         | <1.8         | <2.1         | <1.9      | 7.9       | 11        |
| Σ EPH   | <19*         | 66           | <3.2         | 470          | <1.8         | 61           | 65           | <1.9      | 108       | 191       |

Table 6 Positive Groundwater Analytical Results (1997)

| Location:   | RIZ-1        | RIZ-2        | RIZ-3        | RIZ-4        | RIZ-5        | RIZ-6        | RIZ-7        | RIZ-8        | RIZ-9        | RIZ-10        | RIZ-11        | RIZ-15        | RIZ-17        | RIZ-18        | Method 1 Standards |        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|--------------------|--------|
| Sample Name:                                      | RIZ-1/032197 | RIZ-2/032197 | RIZ-3/032197 | RIZ-4/032197 | RIZ-5/032197 | RIZ-6/032197 | RIZ-7/032197 | RIZ-8/032197 | RIZ-9/032197 | RIZ-10/032197 | RIZ-11/032197 | RIZ-15/032197 | RIZ-17/032197 | RIZ-18/032197 |                    |        |
| Laboratory:                                       | AMRO         | AMRO         | AMRO         | AMRO         | AMRO         | AMRO         | AMRO         | AMRO         | AMRO         | AMRO          | AMRO          | AMRO          | AMRO          | AMRO          |                    |        |
| Laboratory I.D.:                                  | 15524-01     | 15524-02     | 15524-04     | 15524-04     | 15524-05     | 15524-06     | 15524-07     | 15524-08     | 15524-09     | 15524-10      | 16871-01      | 16871-04      | 16871-02      | 16871-03      |                    |        |
| Sample Date:                                      | 21-Mar-97    | 21-Mar-97    | 21-Mar-97    | 21-Mar-97    | 21-Mar-97    | 21-Mar-97    | 21-Mar-97    | 21-Mar-97    | 21-Mar-97    | 21-Mar-97     | 12-Aug-97     | 12-Aug-97     | 12-Aug-97     | 12-Aug-97     |                    |        |
| Consultant:                                       | Rizzo        | Rizzo        | Rizzo        | Rizzo        | Rizzo        | Rizzo        | Rizzo        | Rizzo        | Rizzo        | Rizzo         | Rizzo         | Rizzo         | Rizzo         | Rizzo         |                    |        |
| Consultant:                                       |              |              |              |              |              |              |              |              |              |               |               |               |               |               | GW-2               | GW-3   |
| Volatile Organic Compounds (µg/L) EPA method 8260 |              |              |              |              |              |              |              |              |              |               |               |               |               |               |                    |        |
| Methyl tert-butyl ether                           | <2.0         | <2.0         | <2.0         | <2.0         | <2.0         | 7.5          | <2.0         | <2.0         | <2.0         | <2.0          |               |               |               |               | 50,000             | 50,000 |
| Trichloroethene                                   | <2.0         | <2.0         | <2.0         | 9.8          | <2.0         | <2.0         | <2.0         | <2.0         | <2.0         | <2.0          |               |               |               |               | 300                | 20,000 |
| Polycyclic Aromatic Hydrocarbons (µg/L)           |              |              |              |              |              |              |              |              |              |               |               |               |               |               |                    |        |
| Anthracene  | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0          | <1.0          | <1.0          | <1.0          | <1.0          | NA                 | 3,000  |
| Benzo(a)anthracene                                | 2.3          | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0          | <1.0          | <1.0          | <1.0          | <1.0          | NA                 | 3,000  |
| Benzo(a)pyrene                                    | 2.2          | <0.20        | <0.20        | <0.20        | <0.20        | <0.20        | <0.20        | <0.20        | <0.20        | <0.20         | <1.0          | <1.0          | <1.0          | <1.0          | NA                 | 3,000  |
| Benzo(b)fluoranthene                              | 1.7          | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0          | <1.0          | <1.0          | <1.0          | <1.0          | NA                 | 3,000  |
| Benzo(g,h,i)perylene                              | 1.7          | <0.50        | <0.50        | <0.50        | <0.50        | <0.50        | <0.50        | <0.50        | <0.50        | <0.50         | <1.0          | <1.0          | <1.0          | <1.0          | NA                 | 3,000  |
| Benzo(k)fluoranthene                              | 2.0          | <0.10        | <0.10        | <0.10        | <0.10        | <0.10        | <0.10        | <0.10        | 0.15         | 0.17          | <1.0          | <1.0          | <1.0          | <1.0          | NA                 | 3,000  |
| Chrysene  | 2.4          | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0          | <1.0          | <1.0          | <1.0          | <1.0          | NA                 | 3,000  |
| Dibenzo(a,h)anthracene                            | 0.58         | <0.30        | <0.30        | <0.30        | <0.30        | <0.30        | <0.30        | <0.30        | <0.30        | <0.30         | <1.0          | <1.0          | <1.0          | <1.0          | NA                 | 3,000  |
| Fluoranthene                                      | 4.4          | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0          | <1.0          | <1.0          | <1.0          | <1.0          | NA                 | 200    |
| Indeno(1,2,3-cd)pyrene                            | 1.5          | <0.50        | <0.50        | <0.50        | <0.50        | <0.50        | <0.50        | <0.50        | <0.50        | <0.50         | <1.0          | <1.0          | <1.0          | <1.0          | NA                 | 3,000  |
| Phenanthrene                                      | 2.6          | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0          | <1.0          | <1.0          | <1.0          | <1.0          | NA                 | 50     |
| Pyrene  | 4.2          | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0         | <1.0          | <1.0          | <1.0          | <1.0          | <1.0          | NA                 | 3,000  |
| Extractable Petroleum hydrocarbons (EPH) (µg/L)   |              |              |              |              |              |              |              |              |              |               |               |               |               |               |                    |        |
| C9-C18 Aliphatics                                 | <10          | <10          | 20           | <10          | <10          | 11           | 50           | 85           | 280          | 240           | <10           | 70            | 310           | 58            | 1,000              | 20,000 |
| C19-C32 Aliphatics                                | <10          | 69           | 23           | 32           | 22           | 23           | 250          | 360          | 440          | 480           | <10           | 210           | 930           | 250           | N/A                | 50,000 |
| C11-C32 Aromatics                                 | <50          | <10          | <50          | <10          | <50          | <50          | 1,000        | 580          | 5,700        | 1,900         | <50           | 1,300         | 910           | 1,500         | 50,000             | 3,000  |
| Σ EPH   | <10          | 69           | 43           | 32           | 22           | 34           | 1,300        | 1,025        | 4,420        | 2,620         | <10           | 1,580         | 2,150         | 1,808         |                    |        |

N/A Not Available

## **APPENDIX D**

Revised Operations & Maintenance Plan  
Weston & Sampson Engineers, Inc., 2003  
(Post RAO-OMM)

## Introduction

This Revised Post-RAO Operation, Maintenance and Monitoring (OMM) Plan was based on the OMM Plan prepared for the site by Rizzo Associates, Inc., (Rizzo) that was included in their October 1998 Phase IV Remedy Implementation Plan. The original OMM Plan was revised to include the provisions of Weston & Sampson's February 2003 Phase IV Remedy Implementation Plan (RIP) Modification.

As part of the oil recovery program, the OMM of the remedial action will be interdependent. Operation and maintenance schedules will be adapted based on the monitoring observations. Monitoring will focus on evaluating the effectiveness of the remedial action. Inspection and Monitoring Reports will be prepared and submitted to the Massachusetts Department of Environmental Protection (DEP) every 6 months.

Weston & Sampson completed the Phase IV RIP Modification activities in April 2003. The current specification for the passive and active oil recovery systems are highlighted in the table below and describe further in our As-Built Construction Report.

*Oil Recovery Equipment Specifications*

| Recovery Equipment           | Location         | Model   | Manufacturer                          |
|------------------------------|------------------|---|---------------------------------------|
| Belt Skimmers                | S-3, S-4         | Petrotractor Oil Skimmer Model PX-B (2" Belt) | Abanaki Corporation                   |
| 2" Diameter Passive Skimmer  | S-1, S-2         | 2" Keck PRC Passive Skimmer                   | Geotech Environmental Equipment, Inc. |
| 10" Diameter Passive Skimmer | RIZ-16, RIZ - 19 | Large Diameter Filter Bucket                  | ORS                                   |

## Operation

Operation of the remedial action will consist of continued operation of the existing interception/recovery trench with 2 electric belt skimmer systems and passive recovery of oil at 2 sump locations (sumps S-1 and S-2) and 2 recovery wells (RIZ-16 and RIZ-19).

The timers for the belt skimmer systems that recover oil for the trench will be adjusted to maximize oil recovery rates while minimizing the recovery of groundwater. Product from the passive skimmers in the sumps and recovery wells will be collected manually.

Oil that is recovered from each system will be transferred for temporary storage in Shed 3, prior to off-site transportation and disposal, in accordance with DEP regulations for remediation waste.



## Maintenance

The maintenance anticipated for the remedial action will include maintaining the belt skimmer systems in the existing interception/recovery trench and the passive product skimmers in the sumps and recovery wells.

Maintenance of the electric belt skimmers will include testing of the high-level shut off switches, cleaning of the intake head pulley assembly and inspection of the belt. Maintenance of the passive skimmers will include periodically cleaning intake screens and maintaining suspension hardware, and replacing them if necessary.

## Monitoring

Ongoing monitoring at the Site will have 3 goals: to evaluate the effectiveness of product interception, to evaluate changes in product distribution at the Site, and to record rates of product recovery. As part of the Phase IV RIP Modification, quarterly groundwater monitoring will be conducted and will include gauging of product thickness and water levels in monitoring wells and groundwater sampling. Wells with free-floating petroleum product will only be gauged for product thickness.

Weston & Sampson will maintain a field log book on site that documents the dates of our site activities. We have also prepared an Operation and Maintenance (O&M) Field Checklist (see Table 1) that will be used by our staff and MBTA staff to facilitate data collection to track the recovery of oil and assess the need for equipment repairs and/or upgrades.

The following table shows the wells that are included in the quarterly groundwater sampling program.

### *Quarterly Sampling (April, July, October, January)*

|       |       |        |        |
|-------|-------|--------|--------|
| RIZ-1 | RIZ-5 | RIZ-8  | RIZ-17 |
| RIZ-2 | RIZ-6 | RIZ-11 | RIZ-18 |
| RIZ-3 | RIZ-7 | RIZ-15 | MW-4   |

Samples will be collected from these wells via low-flow sampling procedures and analyzed at a Massachusetts certified laboratory for the following analyses: extractable petroleum hydrocarbons (EPH) including target polycyclic aromatic hydrocarbons (PAHs) and volatile organic compounds (VOCs) by EPA Method 8260, in general accordance with DEP's Quality Assurance and Quality Control Guidelines for Sampling, Data Evaluation, and Reporting Activities.

In accordance with the Massachusetts Contingency Plan (MCP), the Temporary Solution will be re-evaluated every 5 years for the possibility of achieving a Permanent Solution. The 5-year re-evaluation may include installation of additional monitoring wells to assess soil conditions and effectiveness of product removal efforts.

**APPENDIX E**

**Preliminary Evaluation of Definitive and Enterprising Steps**

## **PRELIMINARY EVALUATION OF DEFINITIVE AND ENTERPRISING STEPS**

In general accordance with 310 CMR 40.0861(2)(h), Weston & Sampson has prepared the following Evaluation of Definitive and Enterprising Steps for Achieving a Permanent Solution.

### **Description and Evaluation of Current Remedial System**

The remediation system at this Site consists of an interception/recovery trench on the northeastern portion of the Site between the former underground storage tank (UST) locations and the existing wetlands. The oil recovery equipment at the Site includes: electric belt skimmer systems at sumps S-3 and S-4, passive skimmers at sumps S-1 and S-2, and passive skimmer systems at wells RIZ-16 and RIZ-19.

The electric belt skimmers remove oil from sumps S-3 and S-4, which are located on, and are part of, the interception/recovery trench. Oil adheres to the skimming belt as it passes through the fluids in the sump. The oil is recovered from the belt with wiper blades and is automatically collected in a drum located next to the belt skimmer. When the drum is full, it is transferred to the storage shed where it is stored temporarily until it is taken off-Site.

The passive well skimmers are collection canisters with hydrophobic membranes, which allow light non-aqueous phase liquid (LNAPL) to pass through but repel water. These canisters are manually removed from the sumps and wells on a weekly basis. The oil recovered in the canisters is emptied into the drums located in the storage shed. The passive skimmers at sumps S-1 and S-2 have collection canisters that can each store approximately  $\frac{3}{4}$ -gallons of oil. The passive skimmer systems at wells RIZ-16 and RIZ-19 are 2-inch diameter skimmers that each have a  $\frac{1}{2}$ -liter (0.13 gallon) collection canister.

Three sheds are associated with the remediation system: Shed 1 – located at sump S-3; Shed 2 – located at sump S-4; and Shed 3 – used to temporarily store remediation waste prior to transportation and disposal.

On April 28 – 29, 2003, Weston & Sampson implemented the Phase IV activities recommended in the Phase IV RIP Modification. These activities included:

- Sump S-1: minor repairs to an existing passive skimmer (ORS Large Diameter Filter Bucket) that required extraction from the sump and installation of a retrieval cord to allow for its continued use.
- Sump S-2: placement of a passive skimmer (ORS Large Diameter Filter Bucket) in S-2 following the removal and disposal of a failed automated system. The large-diameter skimmer had been located in S-3 prior to installation of the electric belt skimmer.
- Sumps S-3 & S-4: installation of 2 new oil recovery belt skimmers to enhance the product recovery rate along the interceptor trench. The skimmers are operated with a

timer and a high-level safety shutoff switch will shutdown the skimmers in the event of a full collection drum.

- Wells RIZ-16 & RIZ-19: placement of 2-inch diameter Keck PRC passive skimmers in each well.

The remedial action consists of continued operation of the existing interception/recovery trench and oil recovery systems with electric belt skimmer systems at sumps S-3 and S-4, passive skimmers at sumps S-1 and S-2, and passive skimmers at wells RIZ-16 and RIZ-19. Further details can be found in our Revised Operation, Maintenance and Monitoring Plan dated May 2003 and included in the Phase IV Completion Report dated June 2003.

Weston & Sampson monitors the Site on a monthly basis to evaluate: the effectiveness of product interception; changes in product distribution; rate of product recovery; and monitoring of groundwater for dissolved-phase hydrocarbons. On a weekly basis, the MBTA collects oil from the passive skimmers at sumps S-1 and S-2 and at wells RIZ-16 and RIZ-19. We maintain a field logbook on Site that documents the dates of our site activities and an Operation and Maintenance (O&M) Field Checklist that is used to facilitate consistent data collection to track the recovery of oil and assess the need for equipment repairs and/or upgrades.

We monitor groundwater every quarter including gauging of product thickness and groundwater elevations and sampling of selected wells. We collect samples using low-flow collection procedures. Groundwater samples are submitted to a Massachusetts certified laboratory for the analysis of extractable petroleum hydrocarbons (EPH) including target polycyclic aromatic hydrocarbons (PAHs) and volatile organic compounds (VOCs) by EPA Method 8260, in general accordance with DEP's Quality Assurance and Quality Control Guidelines for Sampling, Data Evaluation, and Reporting Activities.

Data collected during the O&M program is reviewed to assess the performance and effectiveness of the recovery system. Based on monitoring observations and data trends during consecutive months of operation, O&M schedules may be adapted and the system will be adjusted, as needed, to maximize efficient recovery of oil. In accordance with 310 CMR 40.0892 and 40.0893(2)(e), Inspection and Monitoring Reports documenting O&M activities and monitoring data will be prepared and submitted to DEP every 6 months.

#### **Evaluation of Alternative Treatment Technologies**

Weston & Sampson utilized various online and technical resources for evaluating potential proven and innovative technologies that may be effective in further reducing the amount of residual LNAPL and other contaminants at the Site for the purposes of evaluating definitive and enterprising steps to be taken at the Site. As a first step, the universe of potentially applicable technologies was evaluated to determine those technologies that seem most effective for the site-specific contaminants and subsurface conditions. Weston & Sampson reviewed factors associated with the screened technologies and their potential effectiveness or applicability to the Site. The table below summarizes the technologies reviewed.



Table 1: Technology Screening

| Technology   | Effectiveness with Site Contaminants   | Effectiveness in Site Subsurface Conditions  | Implementability  | Protective to Human Health and Environment   | Cost  |
|--|--|--|---|--|---|
| <b>Soil Vapor Extraction (SVE)</b> – Apply vacuum to unsaturated soils to enhance volatilization of contaminants   | The low-volatility of the site contaminants has been proven in past studies  | SVE would have limited success based on VOC concentrations   | Existing monitoring wells could be used as vapor extraction points but may need additional points for max coverage  | Given its ineffectiveness with the site contaminants and subsurface conditions, SVE would not be protective                                      | Moderate costs in comparison with other active treatment technologies   |
| <b>Air Sparging (AS)</b> – Injection of air into the subsurface coupled with an SVE system for vapor recovery  | The low-contaminant volatility and limited dissolved groundwater contamination makes AS unsuitable   | Most effective with dissolved contaminants in coarse grained saturated soils   | Existing wells could be used as sparge/vacuum points but may need additional points for max coverage  | Given its ineffectiveness with the site contaminants and subsurface conditions, AS would not be protective                                       | Moderate costs in comparison with other active treatment technologies   |
| <b>Multiphase Extraction</b> – The simultaneous extraction of soil gas, product and groundwater under high vacuum  | This technology is effective in recovering LNAPL and reducing residual soil contaminant levels   | High vacuum applications have greater effectiveness in medium to low permeability soils                                      | Could use existing wells as extraction points but would need additional points for max coverage   | This technology would be protective of human health and the environment as it would actively recover site contaminants                           | The design, capital, and installation costs would be high in comparison to other technologies   |
| <b>In-Situ Thermal Desorption (ISTD)</b> – The in-situ destruction of contaminants by creating very high temperatures (~900°C) in the subsurface causing oxidation of contaminants | This technology is effective at destroying organic contaminants in unsaturated soils; however, it is ineffective with residual contaminants in saturated soils | A high groundwater table at the Site and the location of railroad tracks/bedding/fill would present additional complications | Railroad tracks would have to be protected from high temperatures and a network of thermal wells would need to be installed throughout the Site. Railroad operations may be disrupted during installation | This technology would not be protective of human health and the environment as the control of the subsurface heat may be dangerous               | The initial installation and energy costs would be prohibitively expensive for a thorough ISTD application at the site. May be applicable to small sections of the site with measurable LNAPL |
| <b>Contaminant Flushing (with Steam, Surfactant, or CoSolvent)</b> – Involves the injection of a flushing media to mobilize contaminants for subsequent extraction and treatment   | Flushing technology is a proven method to enhance the recovery of LNAPL and residual soil contaminants   | Low permeability soils would make flushing contaminants very difficult   | Due to the subsurface conditions (Low permeability soils and proximity to wetland areas, flushing would be difficult to implement   | This technology would not be protective of human health or the environment because subsurface conditions may cause offsite contaminant migration | Not a stand-alone technology; requires extraction system to recover contaminants  |



| Technology  | Effectiveness with Site Contaminants   | Effectiveness in Site Subsurface Conditions  | Implementability   | Protective to Human Health and Environment  | Cost   |
|---|--|--|--|---|--|
| Excavation – Dig and remove contaminated soil from the site | Excavation would be effective for the site contaminants except for the small amount of dissolved phase contaminants in groundwater | The low permeability soils would not complicate excavation but the location of the railroad tracks would complicate implementation. Excavation was performed between the railroad tracks and the wetlands in the mid 1990's and was effective. | The removal of contaminated soil around and under the railroad tracks would be very complicated. Dewatering would also be necessary. | The excavation of site contaminants would be protective of human health and the environment but protective measures such as dust suppression and silt fencing/hay bails would be required | The costs associated with excavation would be prohibitively high |

Following the initial screening of the above nine technologies, the following four technologies appear to have the most potential for expediting a permanent solution at the site include:

1. Multiphase Extraction
2. Groundwater Depression and Product Removal
3. In-Situ Bioremediation
4. Accelerated Natural Attenuation

The latter two technologies could be implemented in conjunction with the current system or as stand-alone alternatives. The combination of technologies or application of these technologies for specific portions of the site has been considered in evaluating their potential use. The following sections describe these technologies in further detail and describe possible scenarios for their utilization at the Site.

### Multiphase Extraction

Multiphase extraction includes simultaneously removing subsurface vapors, product, and groundwater under high vacuum for ex-situ separation and treatment. This technology is most applicable in conditions similar to those found at the site including:

- medium to low permeability soils ( $<10^{-3}$  cm/s)
- shallow water table depths ( $<20$  feet)
- settings in which conventional product pumping or recovery trenches are inappropriate or ineffective
- LNAPL is located under paved or sealed surfaces

Typical components of a multiphase extraction system include vacuum pumps for air water and product extraction, vapor and liquid treatment equipment (i.e., oil/water separators, granular activated carbon), manifolds, suction lines/drop tubes, gauges and other control instrumentation.



Advantages of this technology include its effectiveness in medium to low permeability soils, potentially large radius of influence, increased recovery of contaminants with minimized smearing, extracts product from the capillary fringe, and reduced remediation time. Disadvantages include large capital investment, phase separation and subsequent treatment for both vapor and liquid, longer initial startup and adjustment time and frequent system monitoring and maintenance.

Multiphase extraction may be beneficial for recovering residual product in soil and stimulating bioremediation of contaminants via vapor extraction. However, the costs associated with a full-scale system design, installation, and startup/testing would be expensive. Also, the current systems are effectively reducing product thicknesses and preventing off-site migration of contaminants. Weston & Sampson will reevaluate the applicability of multiphase extraction in our next Periodic Evaluation of Temporary Solution report.

### **Groundwater Depression and Product Removal**

The product recovery systems that have been utilized at the Site fall into this category. The off-property system uses a submersible well pump to drawdown the groundwater table to enhance flow of LNAPL toward recovery wells containing passive skimming canisters. This technology has been an effective means for controlling both LNAPL and groundwater migration at the site. This approach to LNAPL recovery is most effective in higher permeability soils ( $> 10^{-4}$  cm/s). Standard components of this type of system include submersible pumps, product pumps or skimmers, product holding tank, and liquid phase treatment (such as GAC if necessary).

Advantages of this technology include hydraulic control of both groundwater and product at a relatively low capital costs. Disadvantages of this technology include the need for numerous well points in lower permeability soils and low product recovery rates. In addition, the costs associated with a full-scale system design, installation, and startup/testing would be expensive. Also, the current systems are effectively reducing product thicknesses and preventing off-site migration of contaminants. Weston & Sampson will reevaluate the applicability of multiphase extraction in our next Periodic Evaluation of Temporary Solution report.

### **In-Situ Bioremediation**

In-situ bioremediation includes the injection of oxygen, nutrients, and/or microbes to stimulate degradation of contaminants. Petroleum contamination has been proven to readily degrade aerobically given the correct subsurface conditions. To achieve these conditions, additional measures may need to be taken including groundwater recirculation (extraction and injection), and supply of oxygen and nutrients to the subsurface. This technology is most applicable at sites with the following characteristics:

- Medium to high permeability soil
- Shallow vertical extent of contamination
- Readily degradable contaminants
- Neutral soil pH

Typical components of an in-situ bioremediation system include infiltration galleries or injection wells, groundwater recirculation pumps and enhancements such as nutrients and/or enzymes.

Advantages of an in-situ bioremediation include the in place destruction of contaminants without waste generation and disposal, usually requires minimal equipment for successful operation, and ease of implementation and monitoring. Disadvantages include the necessity for multiple injection wells or infiltration galleries, soil may contain low microbial populations requiring the injection of microbes, and it is less effective in soils with heavy residual contamination.

In-situ bioremediation may be an effective technology for implementation at the site once LNAPL thickness across the site has been consistently observed less than 1/2 inch. However, the costs associated with a full-scale system design, installation, and startup/testing would be expensive. Also, the current systems are effectively reducing product thicknesses and preventing off-site migration of contaminants. Weston & Sampson will reevaluate the applicability of in-situ bioremediation in our next Periodic Evaluation of Temporary Solution report.

#### **Accelerated Natural Attenuation**

Accelerated natural attenuation includes the injection of an enhancement agent, like oxygen release compound (ORC) manufactured by Regenesys, Inc., to stimulate and accelerate biodegradation of contaminants by naturally occurring microbes in the subsurface. The use of ORC for this purpose has been widely documented and accepted by the US Environmental Protection Agency (EPA). While an application of ORC would not be effective for destruction of free-phase floating product, it would be applicable to residual contamination in smear zone soil and groundwater.

The injection of ORC does not require any ex-situ treatment equipment. Typical components associated with this type of application include direct-push soil injection points, ORC slurry for injection, and ORC socks for suspension in existing monitoring wells.

Advantages of this type of application include the potential reduction in contaminant mass, simple to implement with existing, proven technologies, low-cost for both capital investment and operation and maintenance (O&M) in comparison to active treatment systems, and no waste disposal issues.

Disadvantages of this technology include ineffectiveness in highly impacted unsaturated soils or soils of very low hydraulic conductivity, complications for ORC injection presented by subsurface utilities, and uncertainty regarding subsurface coverage from injection or radius of influence from ORC socks in wells. The injection would be most effective during high groundwater conditions to enhance delivery of ORC throughout the "smear zone".

The application of ORC would have to be conducted following close review of the existing data. Also, should this application appear to be technically feasible, a current round of soil/groundwater sampling would be required to determine the network of injection points and wells potentially requiring ORC socks. We will reevaluate the applicability of accelerated natural attenuation in our next Periodic Evaluation of Temporary Solution report.

#### **Comparative Analysis of Alternatives**

Four technologies appear to have potential for application at the site based on the results of the initial screening. These technologies include multiphase extraction, product recovery with groundwater depression, in-situ bioremediation, and accelerated natural attenuation.



Multiphase extraction may be beneficial for recovering residual product in soil and stimulating bioremediation of contaminants via vapor extraction. However, the costs associated with a full-scale system design, installation, and startup/testing would be expensive. The current systems are effectively reducing product thicknesses and preventing off-site migration of contaminants; therefore, we will reevaluate the need for accelerated natural attenuation in our next Periodic Evaluation of Temporary Solution report.

Groundwater depression and product removal may be effective for recovering LNAPL; however, the costs associated with a full-scale system design, installation, and startup/testing would be expensive. The current systems are effectively reducing product thickness and preventing off-site migration of contaminants; therefore, we will reevaluate the need for accelerated natural attenuation in our next Periodic Evaluation of Temporary Solution report.

In-situ bioremediation may be an effective technology for implementation at the site once LNAPL thicknesses across the site have been consistently observed less than ½ inch. However, the costs associated with a full-scale system design, installation, and startup/testing would be expensive. The current systems are effectively reducing product thicknesses and preventing off-site migration of contaminants. We will also reevaluate the applicability of in-situ bioremediation in our annual Periodic Evaluation of Temporary Solution reports.

Accelerated natural attenuation may be an effective technology for implementation at the site once LNAPL thickness across the site has been consistently observed less than ½ inch. The current systems are effectively reducing product thickness and preventing off-site migration of contaminants; therefore, we will reevaluate the need for accelerated natural attenuation in our next Periodic Evaluation of Temporary Solution report.

#### **SUMMARY OF PLANNED DEFINITIVE AND ENTERPRISING STEPS**

In accordance with the Massachusetts Contingency Plan (MCP), this report details the definitive and enterprising steps the MBTA intends to take pursuant to 310 CMR 40.0861(2)(h) toward achieving a Permanent Solution at the site.

Given the results of the alternatives analysis presented in this evaluation of definitive and enterprising steps, the most feasible, technically sound, and cost effective approach towards achieving a Permanent Solution includes the continued operation and monitoring of the Site recovery system.

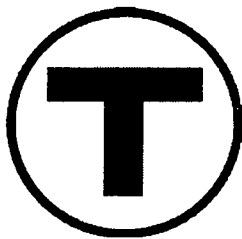
As part of Periodic Evaluation of the Temporary Solution as described in 310 CMR 40.0580, MBTA will review the data collected to assess if additional remedial measures will be required to achieve a Permanent Solution. During this time, innovative and emerging technologies as well as multiphase extraction, groundwater depression and product removal, in-situ bioremediation, and accelerated natural attenuation will be evaluated to determine their feasibility.

**Weston & Sampson**  
ENGINEERS, INC.



[www.westonandsampson.com](http://www.westonandsampson.com)

Offices Throughout New England



**Massachusetts Bay  
Transportation Authority**

10 Park Plaza, Room 6720 • Boston, MA 02116

**Post-Class C RAO Status Report  
and Release Abatement Measure  
Completion Report**

Bridgewater Corporation  
106 Hale Street  
Bridgewater, Massachusetts  
RTN4-1187

August 2011



A handwritten signature in black ink, appearing to read 'Michael P. Clark', written over a horizontal line.

Michael P. Clark P.E., LSP  
Associate Vice President

**Post Class C RAO Status  
Report**

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Date:  
August 2011

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Figure 1 – Site Locus Plan

Figure 2 – Site Plan

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Table 1 – Groundwater Gauging Data

Table 2 - Historic LNAPL Thickness Data (1997-2011)

**Appendices**

- A Copies of MassDEP Forms BWSC108, BWSC108A, and BWSC108B
- B Copy of MassDEP Form BWSC106

## **1. Introduction**

On behalf of the Massachusetts Bay Transportation Authority (MBTA), ARCADIS/Malcolm Pirnie, Inc. (ARCADIS) has prepared this Post-Class C Response Action Outcome (RAO) Status Report for the release located at 106 Hale Street in Bridgewater, Massachusetts (the Site). The Massachusetts Department of Environmental Protection (MassDEP) recognizes this release by Release Tracking Number (RTN) 4-0001187. This Post-Class C RAO Status Report is being submitted for the purpose of fulfilling the requirements set forth in the Massachusetts Contingency Plan (MCP) at 310 CMR 40.0898.

This report contains copies of the Comprehensive Response Action (CRA) Transmittal Form (Form BWSC-108) and the CRA Remedial Monitoring Report (RMR) Forms (Forms BWSC-108A & BWSC-108B), all in Appendix A; the original forms were filed via eDEP. A Site Locus Map is provided as Figure 1 and a Site Plan is provided as Figure 2.

A Class C RAO (Temporary Solution) was prepared to address a petroleum release at the Site, and was submitted to the Southeast Regional Office of MassDEP on August 28, 2003 by Weston & Sampson Engineers, Inc. (W&S). As part of the Class C RAO, MBTA implemented a program to monitor the effectiveness of the remedial action, to evaluate changes in product distribution at the Site, and to record rates of product recovery. The remedial action was comprised of an interception/oil recovery trench with two electric belt skimmer systems, and passive oil recovery at two sump locations. The program involved quarterly groundwater monitoring for light non-aqueous phase liquid (LNAPL) thickness, groundwater elevations, and low flow sampling. The Class C RAO, in conjunction with a long-term monitoring and sampling program, supported a Temporary Solution for the Site at the time the RAO was filed. The Operation, Maintenance and Monitoring (OMM) Plan was outlined in Appendix D of the August 2003 RAO Statement.

Historically, groundwater sampling had been conducted at the Site from 1997 through July 2006. In the Post-Class C RAO Semi-annual Inspection and Monitoring Report (#5) submitted to MassDEP in February 2006, W&S presented a discussion of the historical groundwater monitoring data that had been collected over the previous eight years. W&S noted that the monitoring data over the last eight years showed sporadic, low-level concentrations of Site-specific contaminants including target VOCs and EPH

fractions, which were well below the applicable Method 1 GW-2 and GW-3 standards. In most cases, the detected concentrations were only slightly above their analytical detection limits. Furthermore, the last detection of a Site-specific contaminant above the analytical detection limit in any of the existing monitoring wells sampled was in March 2005 when a benzene concentration of 3.5 ug/l was reported for RIZ-2. W&S also noted that the data had been collected over numerous seasons with no apparent temporal changes of significance observed in the detected concentrations.

In July 2006, W&S conducted a round of quarterly groundwater sampling. Groundwater samples were collected from wells MW-05, RIZ-01, RIZ-02, RIZ-11, RIZ-18, and RIZ-19 and analyzed for EPH and target PAHs by MADEP-EPH-98-1. Laboratory results indicated no EPH or PAH compounds above the reported analytical detection limits. Based on these results and historical groundwater data demonstrating low concentrations of contaminants of concern consistently below MCP Method 1 GW-2 and GW-3 standards, W&S discontinued the quarterly groundwater sampling in future monitoring rounds.

After taking over the monitoring program in February 2007, Earth Tech/AECOM observed conditions that were similar to those observed by W&S with regard to the presence, location, and thickness of LNAPL at the Site. Therefore, the groundwater sampling program was not reinstituted at the Site. Status Report (#9) was submitted to MassDEP by Earth Tech/AECOM in August 2008. Earth Tech/AECOM discontinued OM&M services at the Site in August 2008.

On November 23, 2009, MassDEP issued a Notice of Noncompliance (NON-SE-09-3P-065) to the MBTA for failure to submit a Periodic Review Opinion by the five year anniversary of filing of the Class C RAO. Malcolm Pirnie was retained by the MBTA in December 2009 to perform MCP-related services for the former Bridgewater Corporation property. Malcolm Pirnie, on behalf of the MBTA, filed a Periodic Review Opinion of the Class C-1 RAO on January 22, 2010. In February 2010, Malcolm Pirnie, on behalf of the MBTA, filed Status Report (#10) with MassDEP, which provided documentation of OM&M activities conducted during the period of December 2009 through February 2010. Malcolm Pirnie filed Post-Class C Status Report (#11) in August 2010. ARCADIS/Malcolm Pirnie filed Post-Class C Status Report (#12) in March 2011.

## **2. Operation, Maintenance & Monitoring Results**

The contents of this Post-Class C RAO Status Report have been structured to address the specific requirements set forth in 310 CMR 40.0898(2)(a) through (e). MCP requirements are presented in bold and italics text with the responses in regular text.

**310 CMR 40.0898 "Post-Class C RAO Status Reports shall include, without limitation, the following:"**

This Status Report provides documentation of OM&M activities conducted during the period of February 2011 through August 2011.

**(a) a description of the type and frequency of operation, maintenance and/or monitoring activities conducted;**

Groundwater gauging activities were conducted by ARCADIS personnel on April 6, 2011. Gauging results identified LNAPL thicknesses that exceeded the UCL of 0.5 inches in six wells including RIZ-14, RIZ-16, RIZ-19, S-2, S-3, and S-4. Table 1 presents a summary of the gauging data for the current monitoring period.

A technical review of the status of the site will be conducted at least once every five years, in conjunction with the annual monitoring reports. New technologies will be evaluated based on the applicability of the technology to the site's geologic conditions and the likelihood that the technology will achieve a Permanent Solution.

**(b) A description of any significant modifications of the operation, maintenance and/or monitoring program made since the submission of the preceding Status Report;**

No modifications were made to the operation, maintenance and/or monitoring program since the submission of the last Status Report. No product recovery activities (passive or automated) were conducted during the period covered by this Status Report.

**(c) An evaluation of the performance of the remedial action during the period of time since the last Status Report, including whether the remedial action is**



**achieving remedial goals specified in the applicable Remedial Action Plan, and a description of any conditions or problems noted during the period that are or may be affecting the performance of the remedial action;**

The Temporary Solution at the Site has historically been effective in restricting the migration of separate phase product (LNAPL) and groundwater contamination outside the limits of the impacted area at the Site, monitoring exposure of any potential Site receptors, and maintaining a condition of No Substantial Hazard.

Gauging results recorded during this Status Report period identified measurable LNAPL thicknesses in seven wells; RIZ-14, RIZ-16, RIZ-19, S-1, S-2, S-3, and S-4 (see Table 1). These results are consistent with results of previous reporting periods. The LNAPL thickness in sump S-3 has increased from 1.06 feet in February 2011 to 1.70 feet in April 2011. Similar results were observed in sump S-4, where the LNAPL thickness increased from 0.40 feet in February 2011 to 1.90 feet in April 2011. These increases in thickness are likely the result of seasonal fluctuations in the water table elevation, and can be partly attributed to product accumulating in the oil recovery interceptor trench while the collection and removal skimmers in sumps S-3 and S-4 remain inoperable due to mechanical problems.

The thin LNAPL layer measured north of the oil recovery trench, in RIZ-2, during the February 17, 2010 monitoring event was not detected during the current reporting period. Historically, no product has been observed north of the oil recovery trench since it was installed. Table 2 presents a summary of the historical LNAPL thickness data.

Based on the recent gauging data, it would appear that the plume remained stable; and that fluctuations in LNAPL thicknesses within the monitoring wells are consistent with seasonal fluctuations noted in the historical LNAPL data presented in Table 2.

**(d) a description of any measures taken to correct conditions which are affecting the performance of the remedial action;**

During the January 7, 2010 inspection, the automated skimmer systems in sumps S-3 and S-4 were identified as being non-operational and are likely affecting the performance of the remedial system by eliminating the collection and removal of LNAPL from S-3 and S-4 within the recovery trench. The remedial system, including

the two belt skimmers within S-3 and S-4, timers, and high level shut-off switches were inspected and tested by ARCADIS/Malcolm Pirnie during the February 17, 2010 monitoring round. The skimmers currently remain inoperable due to mechanical problems.

As discussed in the August 2010 Status Report, it was the intent of the MBTA to implement a new OM&M contract, whereby MBTA would either repair or replace the faulty skimmers and restart the active oil collection system. Instead, the MBTA had been focusing on the implementation of a targeted soil excavation and LNAPL removal program to possibly achieve a Permanent Solution. This program was intended to coincide with a railroad tie replacement project tentatively scheduled for the Spring/Summer of 2011. A RAM Plan was prepared and submitted to MassDEP on April 13, 2011 outlining the proposed activities. No other corrective measures are proposed at this time.

**(e) the name, license number, signature and seal of the LSP.**

The certification by the Licensed Site Professional (LSP) of record for the Site is presented in Section C of the original MassDEP Comprehensive Response Action Transmittal Form BWSC-108 submitted electronically via eDEP, a copy of which is included as Appendix A.

If you require additional information or have any questions regarding this Status Report, please contact Michael Clark, P.E., LSP of ARCADIS at 781-213-4909.

### **3. Release Abatement Measure Completion**

As discussed previously, a RAM Plan was submitted to MassDEP in April 2011, which detailed the proposed soil excavation and LNAPL removal program. This work was intended to be conducted during a planned railroad tie replacement project that was to be conducted in the area of the Site.

ARCADIS had estimated that approximately 2,200 cubic yards of contaminated soil would be excavated from the Site, live loaded, and shipped off-site for recycling or disposal. Due to the shallow water table in this area, the excavation activities were to be performed in the wet. Once the excavation depths were achieved, or nearly achieved, the impacted water and LNAPL would need to be vacuumed out of the excavation directly into a vacuum truck for transportation and off-site disposal. Any

water that did not appear to be visibly contaminated with petroleum would be pumped into a fractionation tank for temporary on-site storage. The water was then planned to be shipped off-site for disposal at an approved facility. After excavation and removal of any impacted soils, the area would have been backfilled, regraded, compacted, and restored to match the existing conditions prior to excavation activities. Upon completion of the RAM activities, the tie replacement project would have been finished and the track would be put back in service.

However, based on the current ridership on this Commuter Rail line, the track could not be taken out of service for more than a weekend, which would not be enough time to allow the soil to be removed, the water and LNAPL to be vacuumed out of the excavation, and the area to be compacted to allow the tracks to be replaced and ready for use at the beginning of the commuting work week. The additional costs that would have been incurred to shut down the track for an extended period of time and complete the proposed remediation project far outweigh the benefit of risk reduction. Therefore, none of the activities outlined in the RAM Plan were conducted, nor will they be conducted in the foreseeable future. Therefore, a Permanent Solution remains categorically infeasible and a Class C-1 still applies to the Site.

This report serves as a RAM Completion Report and is being filed to complete the regulatory process. A Release Abatement Measure Transmittal Form (BWSC106) was filed via eDEP; a copy of the form is included in Appendix B.

#### **4. Conclusions**

The Class C-1 RAO will remain in effect for the foreseeable future. MBTA will continue with the current level of operation, maintenance and monitoring of the existing product recovery systems and gauging at the Site. These actions are recommended in order to ensure that migration of oil outside the limits of the impacted Site does not occur. Based on the results of the remedial actions conducted under the Temporary Solution described above, no additional response actions are required at this time in order to maintain a condition of No Substantial Hazard for the Site.







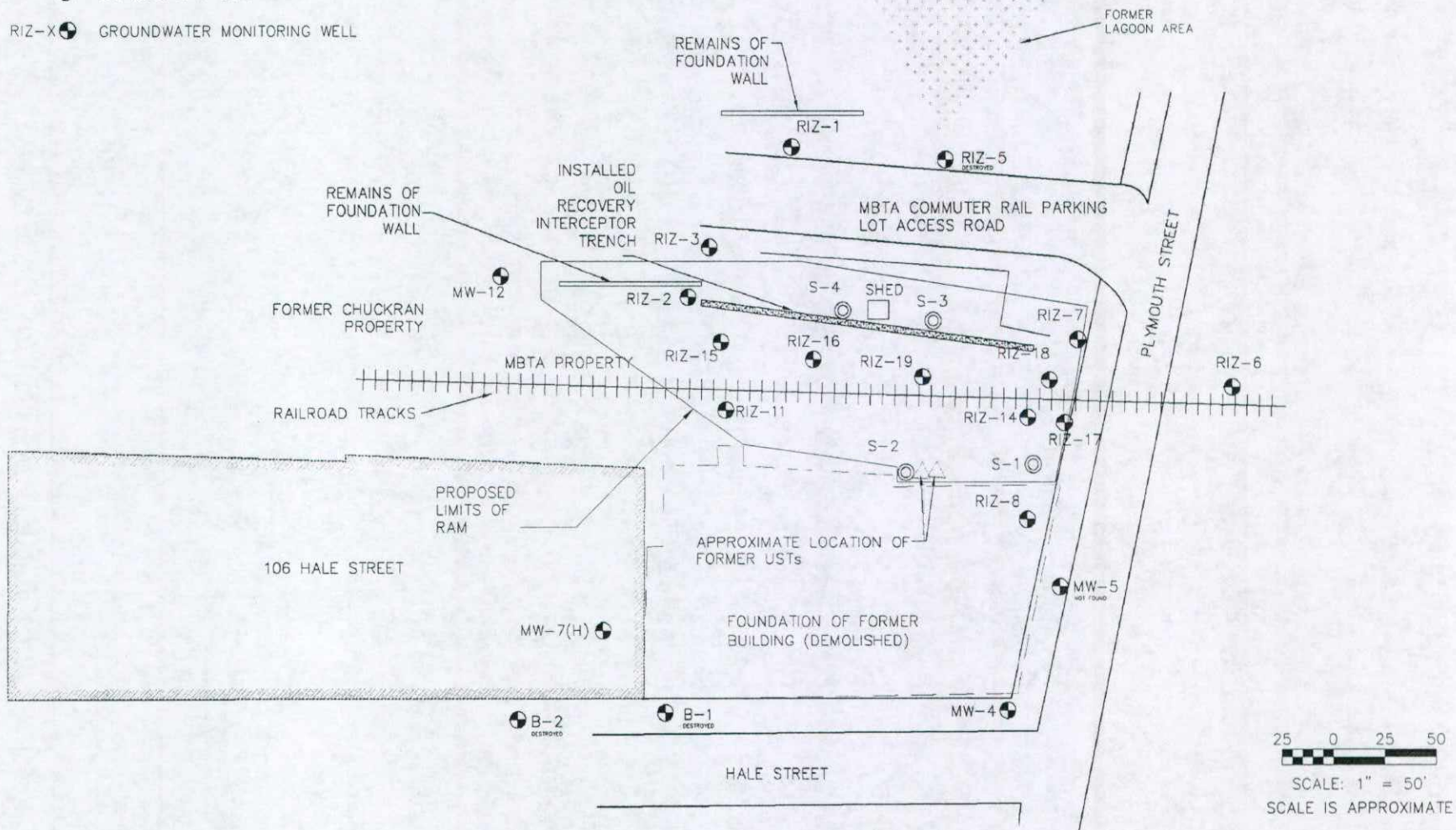
FIGURE 1 : SITE LOCUS PLAN  
106 HALE STREET  
BRIDGEWATER, MA





# LEGEND

-  OIL RECOVERY SUMP
-  RIZ-X GROUNDWATER MONITORING WELL



ARCADIS

Tables

Table 1  
Groundwater Gauging Data (April 2001 through August 2011)  
Bridgewater Corp Facility, Bridgewater, MA  
RTN 4-1187

| Well ID | Date     | Gauging Results |           |         |           |
|---------|----------|-----------------|-----------|---------|-----------|
|         |          | DTP (fbg)       | DTW (fbg) | PT (ft) | DTB (fbg) |
| RIZ-1   | 6-Apr-11 | ND              | 6.31      | ND      | 13.00     |
|         |          |                 |           |         |           |
| RIZ-2   | 6-Apr-11 | ND              | 3.40      | ND      | 12.25     |
|         |          |                 |           |         |           |
| RIZ-3   | 6-Apr-11 | ND              | 3.58      | ND      | 12.15     |
|         |          |                 |           |         |           |
| RIZ-6   | 6-Apr-11 | ND              | 6.73      | ND      | 12.44     |
|         |          |                 |           |         |           |
| RIZ-7   | 6-Apr-11 | ND              | 6.04      | ND      | 12.45     |
|         |          |                 |           |         |           |
| RIZ-8   | 6-Apr-11 | ND              | 13.02     | ND      | 19.30     |
|         |          |                 |           |         |           |
| RIZ-11  | 6-Apr-11 | ND              | 4.51      | ND      | 13.40     |
|         |          |                 |           |         |           |
| RIZ-14  | 6-Apr-11 | NG              | NG        | NG      | NG        |
|         |          |                 |           |         |           |
| RIZ-15  | 6-Apr-11 | ND              | 4.87      | ND      | 8.00      |
|         |          |                 |           |         |           |
| RIZ-16  | 6-Apr-11 | 4.02            | 6.80      | 2.78    | 14.00     |
|         |          |                 |           |         |           |
| RIZ-17  | 6-Apr-11 | ND              | 6.93      | ND      | 13.25     |
|         |          |                 |           |         |           |
| RIZ-18  | 6-Apr-11 | ND              | 5.98      | ND      | 14.10     |
|         |          |                 |           |         |           |
| RIZ-19  | 6-Apr-11 | 4.28            | 5.51      | 1.23    | 14.00     |
|         |          |                 |           |         |           |
| S-1     | 6-Apr-11 | 4.29            | 4.30      | 0.01    | 8.30      |
|         |          |                 |           |         |           |
| S-2     | 6-Apr-11 | 5.60            | 6.40      | 0.80    | 11.00     |
|         |          |                 |           |         |           |
| S-3     | 6-Apr-11 | 1.80            | 3.50      | 1.70    | 10.00     |
|         |          |                 |           |         |           |
| S-4     | 6-Apr-11 | 2.10            | 4.00      | 1.90    | 8.00      |
|         |          |                 |           |         |           |
| MW-4    | 6-Apr-11 | ND              | 8.31      | ND      | 16.90     |
|         |          |                 |           |         |           |
| MW-5    | 6-Apr-11 | ND              | 5.48      | ND      | NG        |
|         |          |                 |           |         |           |
| MW-12   | 6-Apr-11 | ND              | 2.91      | ND      | 14.80     |
|         |          |                 |           |         |           |

Legend:

ND - Not Detected

NG - Not Gauged

DTP - Depth to Product

DTW - Depth to Water

PT - Separate Phase Product Thickness

DTB - Depth to Bottom of Monitoring Well

Table 1  
Historic NAPL Thickness Data  
Bridgewater Corporation Facility  
Bridgewater, MA  
RTN 4-1187  
August 1997 to April 2011

| Date        | Sump S-1 | Sump S-2 | Sump S-3 | Sump S-4 | RIZ-14 | RIZ-16 | RIZ-18 | RIZ-19 |
|-------------|----------|----------|----------|----------|--------|--------|--------|--------|
| 8/29/1997   | --       | --       | --       | --       | 0.67   | 1.54   | --     | 1.36   |
| 6/2/1999    | --       | --       | --       | --       | >0.125 | >0.125 | --     | >0.125 |
| 8/17/1999   | --       | --       | --       | --       | >0.125 | >0.125 | --     | >0.125 |
| 7/2/2002    | -0.72    | --       | 0.10     | 0.10     | 0.72   | --     | --     | --     |
| 2/25/2003   | 0.02     | 0.67     | 0.02     | 0.02     | --     | --     | --     | --     |
| 4/14/2003   | 0.34     | 1.53     | 0.02     | --       | 0.01   | s      | --     | s      |
| 5/22/2003   | 1.14     | 1.45     | sheen    | sheen    | 0.27   | 2.06   | --     | 1.48   |
| 6/25/2003   | 0.10     | 1.47     | sheen    | sheen    | --     | --     | --     | --     |
| 7/22/2003   | 0.05     | 0.59     | sheen    | sheen    | 0.09   | 2.19   | --     | 2.42   |
| 8/20/2003   | 0.01     | 0.31     | sheen    | sheen    | --     | 1.77   | --     | 2.15   |
| 8/26/2003   | 0.01     | 0.30     | sheen    | sheen    | --     | 1.90   | --     | 2.02   |
| 9/23/2003   | 0.01     | 1.08     | sheen    | sheen    | 0.24   | 2.37   | --     | 1.19   |
| 10/23/2003  | sheen    | sheen    | sheen    | sheen    | 0.04   | 1.76   | --     | 1.58   |
| 11/21/2003  | sheen    | 0.02     | sheen    | sheen    | 0.05   | 1.50   | --     | 0.55   |
| 12/31/2003  | sheen    | 0.01     | sheen    | sheen    | 0.13   | 1.85   | --     | 1.63   |
| 1/29/2004   | sheen    | sheen    | sheen    | sheen    | 2.41   | 1.25   | --     | 1.46   |
| 2/25/2004   | sheen    | 0.01     | sheen    | sheen    | --     | 0.40   | --     | 0.92   |
| 3/24/2004   | 0.07     | 0.01     | sheen    | sheen    | --     | 1.33   | --     | 1.07   |
| 6/2/2004    | ND       | ND       | ND       | ND       | ND     | 2.21   | --     | 3.29   |
| 9/11/2004   | sheen    | sheen    | sheen    | sheen    | 0.12   | 1.22   | --     | 1.41   |
| 12/8-9/2004 | --       | --       | --       | --       | ND     | 1.20   | --     | 1.01   |
| 3/23/2005   | ND       | 0.32     | ND       | ND       | ND     | 2.52   | --     | 1.66   |
| 6/29/2005   | ND       | 0.34     | ND       | ND       | 0.90   | 1.69   | --     | 0.73   |
| 7/21/2005   | ND       | 0.83     | ND       | 0.02     | --     | 1.31   | --     | 1.21   |
| 8/4/2005    | ND       | 0.32     | ND       | ND       | --     | 1.01   | --     | 0.93   |
| 8/18/2005   | sheen    | 0.24     | sheen    | ND       | --     | 0.54   | --     | 0.38   |
| 9/11/2005   | ND       | 0.23     | ND       | ND       | --     | 0.06   | --     | 0.43   |
| 9/15/2005   | ND       | 0.18     | sheen    | sheen    | --     | 0.56   | --     | 0.41   |
| 9/29/2005   | ND       | 0.37     | ND       | ND       | --     | 1.18   | --     | 0.99   |
| 10/31/2005  | sheen    | 0.04     | sheen    | 0.01     | --     | 2.91   | --     | 2.20   |
| 11/23/2005  | sheen    | 0.04     | sheen    | sheen    | --     | 2.22   | --     | 2.05   |
| 12/13/2005  | sheen    | 0.05     | sheen    | sheen    | --     | 1.70   | --     | 1.92   |
| 1/12/2006   | ND       | 0.15     | ND       | ND       | ND     | 2.94   | --     | 1.17   |
| 2/8/2006    | ND       | 0.01     | ND       | ND       | --     | 1.24   | --     | 1.12   |
| 3/21/2006   | ND       | 0.01     | ND       | ND       | --     | 0.01   | --     | 0.97   |
| 4/20/2006   | --       | 0.01     | ND       | ND       | --     | 0.73   | --     | 0.98   |
| 5/24/2006   | --       | 0.01     | ND       | ND       | --     | 1.27   | --     | 1.74   |
| 6/12/2006   | --       | 0.65     | ND       | ND       | --     | 0.95   | --     | 0.51   |
| 7/20/2006   | --       | --       | ND       | ND       | --     | 1.00   | --     | 1.47   |
| 8/17/2006   | sheen    | 0.19     | sheen    | 2.72     | 0.21   | 0.58   | --     | 1.16   |
| 9/21/2006   | 0.01     | 0.01     | 0.01     | sheen    | NR     | 0.81   | --     | 0.93   |
| 9/28/2006   | sheen    | 0.01     | 0.02     | ND       | 0.41   | 0.47   | ND     | 0.79   |
| 10/5/2006   | sheen    | 0.02     | NR       | 0.01     | 0.22   | 1.55   | ND     | 1.15   |
| 10/12/2006  | sheen    | 0.01     | 0.02     | 0.01     | 0.02   | 0.50   | ND     | 0.50   |
| 10/19/2006  | sheen    | 0.01     | 0.01     | ND       | 0.02   | 0.57   | ND     | 0.04   |
| 10/26/2006  | sheen    | 0.01     | 0.03     | ND       | 0.02   | 0.36   | ND     | 0.68   |
| 11/2/2006   | sheen    | 0.01     | sheen    | ND       | 0.01   | 0.50   | ND     | 0.74   |
| 11/9/2006   | sheen    | 0.01     | sheen    | ND       | 0.01   | 0.69   | ND     | 0.76   |
| 11/16/2006  | sheen    | 0.01     | 0.01     | sheen    | 0.02   | 0.40   | ND     | 0.99   |
| 11/30/2006  | sheen    | 0.02     | sheen    | ND       | 0.01   | 1.46   | ND     | 1.20   |
| 12/7/2006   | sheen    | 0.01     | sheen    | ND       | ND     | 1.25   | ND     | 1.45   |
| 12/11/2006  | sheen    | 0.01     | sheen    | ND       | ND     | 0.96   | ND     | 1.21   |
| 12/21/2006  | sheen    | 0.02     | sheen    | ND       | 0.10   | 0.47   | ND     | 1.10   |
| 12/28/2006  | sheen    | 0.05     | sheen    | ND       | ND     | 2.47   | ND     | 1.15   |
| 1/5/2007    | 0.01     | 0.02     | NR       | sheen    | 0.03   | 0.79   | ND     | 1.37   |
| 1/11/2007   | sheen    | 0.02     | NR       | sheen    | ND     | 0.56   | ND     | 1.20   |
| 1/18/2007   | sheen    | 0.05     | sheen    | sheen    | 0.01   | 0.61   | ND     | 0.95   |
| 1/25/2007   | sheen    | 0.02     | sheen    | sheen    | 0.01   | 0.42   | ND     | 0.77   |
| 7/51/2007   | ND       | 0.04     | sheen    | ND       | 0.10   | 0.77   | ND     | 1.29   |
| 8/7/2007    | sheen    | 0.01     | sheen    | sheen    | ND     | 0.70   | ND     | 0.79   |
| 8/15/2007   | ND       | 0.05     | sheen    | sheen    | sheen  | 0.50   | ND     | 0.58   |
| 8/28/2007   | sheen    | 0.01     | ND       | ND       | sheen  | 0.45   | ND     | 0.32   |
| 9/4/2007    | ND       | 0.13     | ND       | ND       | sheen  | 0.47   | ND     | 0.31   |
| 9/11/2007   | ND       | 0.24     | sheen    | ND       | ND     | 0.66   | ND     | 0.33   |
| 9/18/2007   | sheen    | 0.15     | ND       | ND       | ND     | 0.38   | ND     | 0.20   |
| 9/25/2007   | ND       | sheen    | 0.01     | ND       | sheen  | 0.36   | ND     | 0.17   |
| 10/2/2007   | sheen    | 0.16     | sheen    | 0.01     | ND     | 0.35   | ND     | 0.09   |
| 10/9/2007   | ND       | sheen    | sheen    | ND       | ND     | 0.24   | ND     | 0.11   |
| 10/23/2007  | sheen    | 0.24     | ND       | ND       | sheen  | 0.18   | ND     | 0.05   |
| 11/2/2007   | sheen    | 0.20     | sheen    | sheen    | 0.01   | 0.56   | ND     | 0.13   |
| 11/6/2007   | sheen    | 0.20     | sheen    | sheen    | 0.02   | 0.49   | ND     | 0.05   |
| 11/13/2007  | sheen    | 0.21     | 0.01     | ND       | 0.05   | 0.44   | ND     | 0.14   |
| 11/20/2007  | sheen    | 0.54     | --       | --       | 0.06   | 0.74   | ND     | 0.16   |
| 11/27/2007  | sheen    | 0.25     | sheen    | sheen    | 0.18   | 0.46   | ND     | 0.01   |
| 12/4/2007   | sheen    | 0.20     | sheen    | ND       | 0.02   | 0.30   | ND     | 0.04   |
| 12/11/2007  | ND       | 0.22     | ND       | sheen    | 0.01   | 0.32   | ND     | 0.33   |
| 12/18/2007  | ND       | 0.21     | sheen    | sheen    | ND     | 0.16   | ND     | 0.06   |
| 1/8/2008    | sheen    | 0.70     | sheen    | --       | ND     | 0.52   | ND     | 0.39   |
| 1/15/2008   | sheen    | 0.10     | 0.01     | ND       | ND     | 1.47   | ND     | 0.76   |
| 1/22/2008   | sheen    | 0.92     | sheen    | ND       | ND     | 1.51   | ND     | 1.01   |
| 1/29/2008   | ND       | 0.90     | 0.01     | ND       | ND     | 0.46   | ND     | 1.00   |
| 2/5/2008    | ND       | 0.78     | sheen    | ND       | ND     | 1.20   | ND     | 0.79   |
| 2/12/2008   | sheen    | 0.70     | ND       | sheen    | ND     | 1.16   | ND     | 0.67   |
| 2/19/2008   | ND       | 0.81     | ND       | ND       | sheen  | 1.87   | ND     | 0.24   |
| 2/26/2008   | sheen    | 0.76     | ND       | 0.01     | sheen  | 1.87   | sheen  | 0.19   |
| 3/4/2008    | sheen    | 0.71     | ND       | ND       | sheen  | 2.80   | sheen  | 0.43   |
| 3/18/2008   | 0.01     | 0.61     | NR       | NR       | ND     | 2.57   | ND     | 0.90   |
| 5/13/2008   | ND       | 0.65     | ND       | ND       | 0.20   | 1.63   | sheen  | 1.80   |
| 6/24/2008   | sheen    | 0.49     | ND       | ND       | sheen  | 1.48   | ND     | 0.88   |
| 7/15/2008   | sheen    | 0.40     | sheen    | sheen    | sheen  | 1.25   | ND     | 0.42   |
| 7/22/2008   | sheen    | 0.36     | sheen    | ND       | sheen  | 0.92   | ND     | 1.37   |
| 7/29/2008   | ND       | 0.20     | ND       | ND       | NR     | --     | ND     | 1.56   |
| 1/7/2010    | sheen    | 0.30     | sheen    | 0.05     | 0.10   | 1.97   | ND     | 0.80   |
| 2/17/2010   | 0.01     | 0.40     | 0.01     | 0.10     | 0.49   | 1.75   | ND     | 0.55   |
| 2/14/2011   | NR       | 0.90     | 1.06     | 0.40     | 0.40   | 1.94   | ND     | 0.70   |
| 4/6/2011    | 0.01     | 0.80     | 1.70     | 1.90     | NR     | 2.78   | ND     | 1.23   |

Notes:  
All thicknesses are presented in feet below grade  
s well submerged under standing water  
-- not measured  
ND not detected  
NR not recorded





Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC108

COMPREHENSIVE RESPONSE ACTION TRANSMITTAL  
FORM & PHASE I COMPLETION STATEMENT

Release Tracking Number

4 - 1187

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

A. SITE LOCATION:

1. Site Name: BRIDGEWATER CORP EOTC

2. Street Address: 106 HALE ST

3. City/Town: BRIDGEWATER

4. ZIP Code:

☒ 5. Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.

☐ a. Tier IA ☐ b. Tier IB ☐ c. Tier IC ☒ d. Tier II

6. If applicable, provide the Permit Number:

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

- ☐ 1. Submit a **Phase I Completion Statement**, pursuant to 310 CMR 40.0484.
- ☐ 2. Submit a **Revised Phase I Completion Statement**, pursuant to 310 CMR 40.0484.
- ☐ 3. Submit a **Phase II Scope of Work**, pursuant to 310 CMR 40.0834.
- ☐ 4. Submit an **interim Phase II Report**. This report does not satisfy the response action deadline requirements in 310 CMR 40.0500.
- ☐ 5. Submit a **final Phase II Report and Completion Statement**, pursuant to 310 CMR 40.0836.
- ☐ 6. Submit a **Revised Phase II Report and Completion Statement**, pursuant to 310 CMR 40.0836.
- ☐ 7. Submit a **Phase III Remedial Action Plan and Completion Statement**, pursuant to 310 CMR 40.0862.
- ☐ 8. Submit a **Revised Phase III Remedial Action Plan and Completion Statement**, pursuant to 310 CMR 40.0862.
- ☐ 9. Submit a **Phase IV Remedy Implementation Plan**, pursuant to 310 CMR 40.0874.
- ☐ 10. Submit a **Modified Phase IV Remedy Implementation Plan**, pursuant to 310 CMR 40.0874.
- ☐ 11. Submit an **As-Built Construction Report**, pursuant to 310 CMR 40.0875.
- ☐ 12. Submit a **Phase IV Status Report**, pursuant to 310 CMR 40.0877.
- ☐ 13. Submit a **Phase IV Completion Statement**, pursuant to 310 CMR 40.0878 and 40.0879.

Specify the outcome of Phase IV activities: (check one)

☐ a. Phase V Operation, Maintenance or Monitoring of the Comprehensive Remedial Action is necessary to achieve a Response Action Outcome.

☐ b. The requirements of a Class A Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.

☐ c. The requirements of a Class C Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) has been or will be submitted to DEP.

☐ d. The requirements of a Class C Response Action Outcome have been met. Further Operation, Maintenance or Monitoring of the remedial action is necessary to ensure that conditions are maintained and that further progress is made toward a Permanent Solution. A completed Response Action Outcome Statement and Report (BWSC104) has been or will be submitted to DEP.



Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC108

COMPREHENSIVE RESPONSE ACTION TRANSMITTAL  
FORM & PHASE I COMPLETION STATEMENT

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Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

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

- ☐ 14. Submit a **Revised Phase IV Completion Statement**, pursuant to 310 CMR 40.0878 and 40.0879.
- ☐ 15. Submit a **Phase V Status Report**, pursuant to 310 CMR 40.0892.
- ☒ 16. Submit a **Remedial Monitoring Report**. (This report can only be submitted through eDEP.)
- a. Type of Report: (check one) ☐ i. Initial Report ☒ ii. Interim Report ☐ iii. Final Report
- b. Frequency of Submittal: (check all that apply)
- ☐ i. A Remedial Monitoring Report(s) submitted monthly to address an Imminent Hazard.
- ☐ ii. A Remedial Monitoring Report(s) submitted monthly to address a Condition of Substantial Release Migration.
- ☒ iii. A Remedial Monitoring Report(s) submitted concurrent with a Status Report.
- c. Status of Site: (check one) ☐ i. Phase IV ☐ ii. Phase V ☐ iii. Remedy Operation Status ☒ iv. Class C RAO
- d. Number of Remedial Systems and/or Monitoring Programs:
- A separate BWSC108A, CRA Remedial Monitoring Report, must be filled out for each Remedial System and/or Monitoring Program addressed by this transmittal form.
- ☐ 17. Submit a **Remedy Operation Status**, pursuant to 310 CMR 40.0893.
- ☐ 18. Submit a **Status Report to maintain a Remedy Operation Status**, pursuant to 310 CMR 40.0893(2).
- ☐ 19. Submit a **Transfer and/or a Modification of Persons Maintaining a Remedy Operation Status (ROS)**, pursuant to 310 CMR 40.0893(5) (check one, or both, if applicable).
- ☐ a. Submit a Transfer of Persons Maintaining an ROS (the transferee should be the person listed in Section D, "Person Undertaking Response Actions").
- ☐ b. Submit a Modification of Persons Maintaining an ROS (the primary representative should be the person listed in Section D, "Person Undertaking Response Actions").
- c. Number of Persons Maintaining an ROS not including the primary representative: \_\_\_\_\_
- ☐ 20. Submit a **Termination of a Remedy Operation Status**, pursuant to 310 CMR 40.0893(6). (check one)
- ☐ a. Submit a notice indicating ROS performance standards have not been met. A plan and timetable pursuant to 310 CMR 40.0893(6)(b) for resuming the ROS are attached.
- ☐ b. Submit a notice of Termination of ROS.
- ☐ 21. Submit a **Phase V Completion Statement**, pursuant to 310 CMR 40.0894.
- Specify the outcome of Phase V activities: (check one)
- ☐ a. The requirements of a Class A Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement (BWSC104) will be submitted to DEP.
- ☐ b. The requirements of a Class C Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.
- ☐ c. The requirements of a Class C Response Action Outcome have been met. Further Operation, Maintenance or Monitoring of the remedial action is necessary to ensure that conditions are maintained and/or that further progress is made toward a Permanent Solution. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.
- ☐ 22. Submit a **Revised Phase V Completion Statement**, pursuant to 310 CMR 40.0894.
- ☒ 23. Submit a **Post-Class C Response Action Outcome Status Report**, pursuant to 310 CMR 40.0898.



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COMPREHENSIVE RESPONSE ACTION TRANSMITTAL  
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4 - 1187

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

C. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> if Section B indicates that a **Phase I, Phase II, Phase III, Phase IV or Phase V Completion Statement** and/or a **Termination of a Remedy Operation Status** is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B indicates that a **Phase II Scope of Work** or a **Phase IV Remedy Implementation Plan** is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B indicates that an **As-Built Construction Report**, a **Remedy Operation Status**, a **Phase IV, Phase V or Post-Class C RAO Status Report**, a **Status Report to Maintain a Remedy Operation Status**, a **Transfer or Modification of Persons Maintaining a Remedy Operation Status** and/or a **Remedial Monitoring Report** is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 9055
2. First Name: MICHAEL P. 3. Last Name: CLARK
4. Telephone: 7812244488 5. Ext.: 4909 6. FAX:
7. Signature:
8. Date: (mm/dd/yyyy)
9. LSP Stamp:



Massachusetts Department of Environmental Protection  
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BWSC108

COMPREHENSIVE RESPONSE ACTION TRANSMITTAL  
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Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

D. PERSON UNDERTAKING RESPONSE ACTIONS:

1. Check all that apply: ☐ a. change in contact name ☐ b. change of address ☐ c. change in the person undertaking response actions

2. Name of Organization: MASSACHUSETTS BAY TRANSPORTATION AUTHORITY

3. Contact First Name: DEBRA

4. Last Name: DARBY

5. Street: 10 PARK PLAZA ROOM 6720

6. Title:

7. City/Town: BOSTON

8. State: MA

9. ZIP Code: 021160000

10. Telephone: 6172223169

11. Ext.:

12. FAX: 6172221557

E. RELATIONSHIP TO SITE OF PERSON UNDERTAKING RESPONSE ACTIONS:

☐ Check here to change relationship

☒ 1. RP or PRP ☒ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter

☐ e. Other RP or PRP

Specify:

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

☐ 4. Any Other Person Undertaking Response Actions

Specify Relationship:

F. REQUIRED ATTACHMENT AND SUBMITTALS:

☐ 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

☐ 2. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of any Phase Reports to DEP.

☐ 3. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the availability of a Phase III Remedial Action Plan.

☐ 4. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the availability of a Phase IV Remedy Implementation Plan.

☐ 5. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of any field work involving the implementation of a Phase IV Remedial Action.

☐ 6. If submitting a Transfer of a Remedy Operation Status (as per 310 CMR 40.0893(5)), check here to certify that a statement detailing the compliance history for the person making this submittal (transferee) is attached.

☐ 7. If submitting a Modification of a Remedy Operation Status (as per 310 CMR 40.0893(5)), check here to certify that a statement detailing the compliance history for each new person making this submittal is attached.

☐ 8. Check here if any non-updatable information provided on this form is incorrect, e.g. Site Name.  
Send corrections to: BWSC.eDEP@state.ma.us.

☒ 9. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.





Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC108

COMPREHENSIVE RESPONSE ACTION TRANSMITTAL  
FORM & PHASE I COMPLETION STATEMENT

Release Tracking Number

4 - 1187

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

G. CERTIFICATION OF PERSON UNDERTAKING RESPONSE ACTIONS:

1. I, \_\_\_\_\_, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

>if Section B indicates that this is a **Modification of a Remedy Operation Status (ROS)**, I attest under the pains and penalties of perjury that I am fully authorized to act on behalf of all persons performing response actions under the ROS as stated in 310 CMR 40.0893(5)(d) to receive oral and written correspondence from MassDEP with respect to performance of response actions under the ROS, and to receive a statement of fee amount as per 4.03(3).

I understand that any material received by the Primary Representative from MassDEP shall be deemed received by all the persons performing response actions under the ROS, and 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.

2. By: \_\_\_\_\_

Signature

3. Title: \_\_\_\_\_

4. For: **MASSACHUSETTS BAY TRANSPORTATION AUTHORITY**

(Name of person or entity recorded in Section D)

5. Date: \_\_\_\_\_

(mm/dd/yyyy)

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section D.

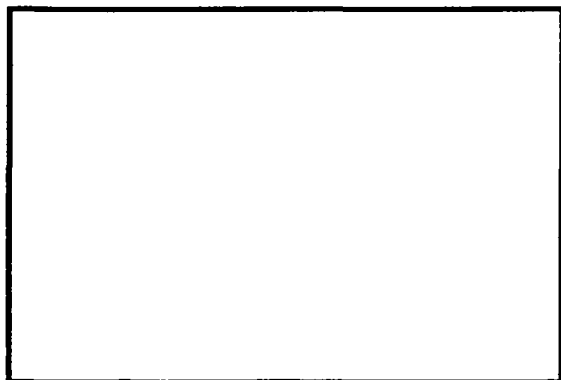
7. Street: \_\_\_\_\_

8. City/Town: \_\_\_\_\_ 9. State: \_\_\_\_\_ 10. ZIP Code: \_\_\_\_\_

11. Telephone: \_\_\_\_\_ 12. Ext.: \_\_\_\_\_ 13. FAX: \_\_\_\_\_

**YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO \$10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.**

Date Stamp (DEP USE ONLY:)





Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC108A

**CRA REMEDIAL MONITORING REPORT**

Pursuant to 310 CMR 40.0800 (SUBPART H)

Release Tracking Number

4 - 1187

Remedial System or Monitoring Program: 1 of: 1

**A. DESCRIPTION OF ACTIVE REMEDIAL SYSTEM OR ACTIVE REMEDIAL MONITORING PROGRAM:**

1. Type of Active Remedial System or Active Remedial Monitoring Program: (check all that apply)

- ☒ a. Active Remedial System: (check all that apply)
- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> i. NAPL Recovery | <input type="checkbox"/> ii. Soil Vapor Extraction/Bioventing | <input type="checkbox"/> iii. Vapor-phase Carbon Adsorption  |
| <input type="checkbox"/> iv. Groundwater Recovery    | <input type="checkbox"/> v. Dual/Multi-phase Extraction       | <input type="checkbox"/> vi. Aqueous-phase Carbon Adsorption |
| <input type="checkbox"/> vii. Air Stripping          | <input type="checkbox"/> viii. Sparging/Biosparging           | <input type="checkbox"/> ix. Cat/Thermal Oxidation           |
| <input type="checkbox"/> x. Other Describe: _____    |   |  |
- ☐ b. Application of Remedial Additives: (check all that apply)
- |   |   |  |
|---|---|--|
| <input type="checkbox"/> i. To the Subsurface | <input type="checkbox"/> ii. To Groundwater (Injection) | <input type="checkbox"/> iii. To the Surface |
|---|---|--|
- ☐ c. Active Remedial Monitoring Program Without the Application of Remedial Additives: (check all that apply; Sections C, D and E are not required; attach supporting information, data, maps and/or sketches needed by checking Section F5)
- |   |  |   |
|---|--|---|
| <input type="checkbox"/> i. Reactive Wall | <input type="checkbox"/> ii. Natural Attenuation | <input type="checkbox"/> iii. Other Describe: _____ |
|---|--|---|

2. Mode of Operation: (check one)

- ☐ a. Continuous ☒ b. Intermittent ☐ c. Pulsed ☐ d. One-time Event Only ☐ e. Other: \_\_\_\_\_

3. System Effluent/Discharge: (check all that apply)

- ☐ a. Sanitary Sewer/POTW
- ☐ b. Groundwater Re-infiltration/Re-injection: (check one) ☐ i. Downgradient ☐ ii. Upgradient
- ☐ c. Vapor-phase Discharge to Ambient Air: (check one) ☐ i. Off-gas Controls ☐ ii. No Off-gas Controls
- ☐ d. Drinking Water Supply
- ☐ e. Surface Water (including Storm Drains)
- ☐ f. Other Describe: **LNAPL COLLECTED IN DRUMS FOR OFF-SITE DISPOSAL.**

**B. MONITORING FREQUENCY:**

1. Reporting period that is the subject of this submittal: From: **3/1/2011** To: **8/5/2011**  
(mm/dd/yyyy) (mm/dd/yyyy)
2. Number of monitoring events during the reporting period: (check one)
- ☐ a. System Startup: (if applicable)
- ☐ i. Days 1, 3, 6, and then weekly thereafter, for the first month.
- ☐ ii. Other Describe: \_\_\_\_\_
- ☒ b. Post-system Startup (after first month) or Monitoring Program:
- ☐ i. Monthly
- ☐ ii. Quarterly
- ☒ iii. Other Describe: **ONE MONITORING EVENT CONDUCTED FOR STATUS PERIOD.**
- ☐ 3. Check here to certify that the number of required monitoring events were conducted during the reporting period.

**C. EFFLUENT/DISCHARGE REGULATION:** (check one to indicate how the effluent/discharge limits were established)

- ☐ 1. NPDES: (check one) ☐ a. Remediation General Permit ☐ b. Individual Permit ☐ c. Emergency Exclusion Effective Date of Permit: \_\_\_\_\_  
(mm/dd/yyyy)
- ☐ 2. MCP Performance Standard MCP Citations(s): \_\_\_\_\_
- ☐ 3. DEP Approval Letter Date of Letter: \_\_\_\_\_  
(mm/dd/yyyy)
- ☒ 4. Other Describe: **REMEDIAL SYSTEM HAS NO DISCHARGE**



Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC108A

CRA REMEDIAL MONITORING REPORT

Pursuant to 310 CMR 40.0800 (SUBPART H)

Release Tracking Number

4 - 1187

Remedial System or Monitoring Program: 1 of: 1

D. WASTEWATER TREATMENT PLANT OPERATOR: (check one)

- ☒ 1. Required due to Remedial Wastewater Treatment Plant in place for more than 30 days.

a. Name: JOSEPH P. MALLOY

b. Grade: 6-C

c. License No.: 6379

d. License Exp. Date: 12/31/2011

(mm/dd/yyyy)

- ☐ 2. Not Required

- ☐ 3. Not Applicable

E. STATUS OF ACTIVE REMEDIAL SYSTEM OR ACTIVE REMEDIAL MONITORING PROGRAM DURING REPORTING PERIOD:

(check all that apply)

- ☐ 1. The Active Remedial System was functional one or more days during the Reporting Period.

a. Days System was Fully Functional:

b. GW Recovered (gals):

c. NAPL Recovered (gals):

d. GW Discharged (gals):

e. Avg. Soil Gas Recovery Rate (scfm):

f. Avg. Sparging Rate (scfm):

- ☒ 2. Remedial Additives: (check all that apply)

- ☒ a. No Remedial Additives applied during the Reporting Period.

- ☐ b. Enhanced Bioremediation Additives applied: (total quantity applied at the site for the current reporting period)

- ☐ i. Nitrogen/Phosphorus:

| Name of Additive | Date | Quantity | Units |
|------------------|------|----------|-------|
|                  |      |          |       |
|                  |      |          |       |
|                  |      |          |       |

- ☐ ii. Peroxides:

| Name of Additive | Date | Quantity | Units |
|------------------|------|----------|-------|
|                  |      |          |       |
|                  |      |          |       |
|                  |      |          |       |

- ☐ iii. Microorganisms:

| Name of Additive | Date | Quantity | Units |
|------------------|------|----------|-------|
|                  |      |          |       |
|                  |      |          |       |
|                  |      |          |       |

- ☐ iv. Other:

| Name of Additive | Date | Quantity | Units |
|------------------|------|----------|-------|
|                  |      |          |       |
|                  |      |          |       |
|                  |      |          |       |

- ☐ c. Chemical oxidation/reduction additives applied: (total quantity applied at the site for the current reporting period)

- ☐ i. Permanganates:

| Name of Additive | Date | Quantity | Units |
|------------------|------|----------|-------|
|                  |      |          |       |
|                  |      |          |       |
|                  |      |          |       |

- ☐ ii. Peroxides:

| Name of Additive | Date | Quantity | Units |
|------------------|------|----------|-------|
|                  |      |          |       |
|                  |      |          |       |
|                  |      |          |       |

- ☐ iii. Persulfates:

| Name of Additive | Date | Quantity | Units |
|------------------|------|----------|-------|
|                  |      |          |       |
|                  |      |          |       |
|                  |      |          |       |

- ☐ iv. Other:

| Name of Additive | Date | Quantity | Units |
|------------------|------|----------|-------|
|                  |      |          |       |
|                  |      |          |       |
|                  |      |          |       |



Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC108A

CRA REMEDIAL MONITORING REPORT

Pursuant to 310 CMR 40.0800 (SUBPART H)

Release Tracking Number

4 - 1187

Remedial System or Monitoring Program: 1 of: 1

E. STATUS OF ACTIVE REMEDIAL SYSTEM OR ACTIVE REMEDIAL MONITORING PROGRAM DURING REPORTING PERIOD: (cont.)  
(check all that apply)

- ☐ d. Other additives applied: (total quantity applied at the site for the current reporting period)

| Name of Additive | Date | Quantity | Units |
|------------------|------|----------|-------|
|                  |      |          |       |
|                  |      |          |       |
|                  |      |          |       |

| Name of Additive | Date | Quantity | Units |
|------------------|------|----------|-------|
|                  |      |          |       |
|                  |      |          |       |
|                  |      |          |       |

- ☐ e. Check here if any additional Remedial Additives were applied. Attach list of additional additives and include Name of Additive, Date Applied, Quantity Applied and Units (in gals. or lbs.)

F. SHUTDOWNS OF ACTIVE REMEDIAL SYSTEM OR ACTIVE REMEDIAL MONITORING PROGRAM: (check all that apply)

- ☐ 1. The Active Remedial System had unscheduled shutdowns on one or more occasions during the Reporting Period.

a. Number of Unscheduled Shutdowns: \_\_\_\_\_ b. Total Number of Days of Unscheduled Shutdowns: \_\_\_\_\_

c. Reason(s) for Unscheduled Shutdowns: \_\_\_\_\_

- ☐ 2. The Active Remedial System had scheduled shutdowns on one or more occasions during the Reporting Period.

a. Number of Scheduled Shutdowns: \_\_\_\_\_ b. Total Number of Days of Scheduled Shutdowns: \_\_\_\_\_

c. Reason(s) for Scheduled Shutdowns: \_\_\_\_\_

- ☐ 3. The Active Remedial System or Active Remedial Monitoring Program was permanently shutdown/discontinued during the Reporting Period.

a. Date of Final System or Monitoring Program Shutdown: \_\_\_\_\_  
(mm/dd/yyyy)

- ☐ b. No Further Effluent Discharges.

- ☐ c. No Further Application of Remedial Additives planned; sufficient monitoring completed to demonstrate compliance with 310 CMR 40.0046.

- ☐ d. No Further Submittals Planned.

- ☐ e. Other: Describe: \_\_\_\_\_

G. SUMMARY STATEMENTS: (check all that apply for the current reporting period)

- ☐ 1. All Active Remedial System checks and effluent analyses required by the approved plan and/or permit were performed when applicable.

- ☐ 2. There were no significant problems or prolonged (>25% of reporting period) unscheduled shutdowns of the Active Remedial System.

- ☐ 3. The Active Remedial System or Active Remedial Monitoring Program operated in conformance with the MCP, and all applicable approval conditions and/or permits.

4. Indicate any Operational Problems or Notes:

THE SYSTEM HAS NOT BEEN OPERATIONAL DURING THE PERIOD COVERED BY THIS STATUS REPORT.

- ☒ 5. Check here if additional/supporting information, data, maps, and/or sketches are attached to the form.



BWSC108A G.5. – Additional Supporting Information Attachment  
MBTA Bridgewater Corporation Property  
106 Hale Street  
Bridgewater, MA 02324  
RTN 4-1187

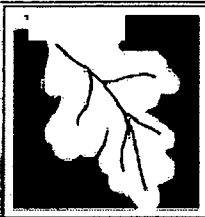
G.5. See the August 2011 Post-Class C RAO Status Report for additional supporting information.





**Appendix B**

Copy of MassDEP Form BWSC106



Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC106

RELEASE ABATEMENT MEASURE (RAM)  
TRANSMITTAL FORM

Release Tracking Number

4 - 1187

Pursuant to 310 CMR 40.0444 - 0446 (Subpart D)

A. SITE LOCATION:

1. Site Name/Location Aid: **BRIDGEWATER CORP. EOTC**
2. Street Address: **106 HALE ST**
3. City/Town: **BRIDGEWATER** 4. ZIP Code:
5. UTM Coordinates: a. UTM N: **4650577** b. UTM E: **336779**
- ☒ 6. Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.  
☐ a. Tier IA ☐ b. Tier IB ☐ c. Tier IC ☒ d. Tier II
7. If a Tier I Permit has been issued, provide Permit Number:

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

1. List Submittal Date of Initial RAM Plan (if previously submitted):   
(mm/dd/yyyy)
- ☐ 2. Submit an Initial Release Abatement Measure (RAM) Plan.  
a. Check here if the RAM is being conducted as part of the construction of a permanent structure. If checked, you must specify what type of permanent structure is to be erected in or in the immediate vicinity of the area where the RAM is to be conducted.  
b. Specify type of permanent structure: (check all that apply) ☐ i. School ☐ ii. Residential ☐ iii. Commercial  
☐ iv. Industrial ☐ v. Other Specify:
- ☐ 3. Submit a Modified RAM Plan of a previously submitted RAM Plan.
- ☐ 4. Submit a RAM Status Report.
- ☐ 5. Submit a Remedial Monitoring Report. (This report can only be submitted through eDEP, concurrent with a RAM Status Report.)  
a. Type of Report: (check one) ☐ i. Initial Report ☐ ii. Interim Report ☐ iii. Final Report  
b. Number of Remedial Systems and/or Monitoring Programs:
- A separate BWSC106A, RAM Remedial Monitoring Report, must be filled out for each Remedial System and/or Monitoring Program addressed by this transmittal form.
- ☒ 6. Submit a RAM Completion Statement.
- ☐ 7. Submit a Revised RAM Completion Statement.
8. Provide Additional RTNs:  
☐ a. Check here if this RAM Submittal covers additional Release Tracking Numbers (RTNs). RTNs that have been previously linked to a Primary Tier Classified RTN do not need to be listed here. This section is intended to allow a RAM to cover more than one unclassified RTN and not show permanent linkage to a Primary Tier Classified RTN.  
b. Provide the additional Release Tracking Number(s) covered by this RAM Submittal.  -   -

(All sections of this transmittal form must be filled out unless otherwise noted above)





Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC106

RELEASE ABATEMENT MEASURE (RAM)  
TRANSMITTAL FORM

Release Tracking Number

4 - 1187

Pursuant to 310 CMR 40.0444 - 0446 (Subpart D)

C. RELEASE OR THREAT OF RELEASE CONDITIONS THAT WARRANT RAM:

1. Identify Media Impacted and Receptors Affected: (check all that apply)

- ☐ a. Air ☐ b. Basement ☐ c. Critical Exposure Pathway ☐ d. Groundwater ☐ e. Residence  
☐ f. Paved Surface ☐ g. Private Well ☐ h. Public Water Supply ☐ i. School ☐ j. Sediments  
☒ k. Soil ☐ l. Storm Drain ☐ m. Surface Water ☐ n. Unknown ☐ o. Wetland ☐ p. Zone 2  
☐ q. Others Specify: \_\_\_\_\_

2. Identify all sources of the Release or Threat of Release, if known: (check all that apply)

- ☐ a. Above-ground Storage Tank (AST) ☐ b. Boat/Vessel ☐ c. Drums ☐ d. Fuel Tank  
☐ e. Pipe/Hose/Line ☐ f. Tanker Truck ☐ g. Transformer ☒ h. Under-ground Storage Tank (UST)  
☐ i. Vehicle ☐ j. Others Specify: \_\_\_\_\_

3. Identify Oils and Hazardous Materials Released: (check all that apply)

- ☒ a. Oils ☐ b. Chlorinated Solvents ☐ c. Heavy Metals  
☐ d. Others Specify: \_\_\_\_\_

D. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply, for volumes list cumulative amounts)

- |  |   |
|--|---|
| <input type="checkbox"/> 1. Assessment and/or Monitoring Only                | <input type="checkbox"/> 2. Temporary Covers or Caps                        |
| <input type="checkbox"/> 3. Deployment of Absorbent or Containment Materials | <input type="checkbox"/> 4. Temporary Water Supplies                        |
| <input type="checkbox"/> 5. Structure Venting System                         | <input type="checkbox"/> 6. Temporary Evacuation or Relocation of Residents |
| <input type="checkbox"/> 7. Product or NAPL Recovery                         | <input type="checkbox"/> 8. Fencing and Sign Posting                        |
| <input type="checkbox"/> 9. Groundwater Treatment Systems                    | <input type="checkbox"/> 10. Soil Vapor Extraction                          |
| <input type="checkbox"/> 11. Bioremediation                                  | <input type="checkbox"/> 12. Air Sparging                                   |



Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC106

RELEASE ABATEMENT MEASURE (RAM)  
TRANSMITTAL FORM

Release Tracking Number

4

-

1187

Pursuant to 310 CMR 40.0444 - 0446 (Subpart D)

D. DESCRIPTION OF RESPONSE ACTIONS (cont.): (check all that apply, for volumes list cumulative amounts)

☐ 13. Excavation of Contaminated Soils

☐ a. Re-use, Recycling or Treatment

☐ i. On Site Estimated volume in cubic yards \_\_\_\_\_

☐ ii. Off Site Estimated volume in cubic yards \_\_\_\_\_

ii.a. Receiving Facility: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

ii.b. Receiving Facility: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

iii. Describe: \_\_\_\_\_

☐ b. Store

☐ i. On Site Estimated volume in cubic yards \_\_\_\_\_

☐ ii. Off Site Estimated volume in cubic yards \_\_\_\_\_

ii.a. Receiving Facility: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

ii.b. Receiving Facility: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

☐ c. Landfill

☐ i. Cover Estimated volume in cubic yards \_\_\_\_\_

Receiving Facility: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

☐ ii. Disposal Estimated volume in cubic yards \_\_\_\_\_

Receiving Facility: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

☐ 14. Removal of Drums, Tanks or Containers:

a. Describe Quantity and Amount: \_\_\_\_\_

b. Receiving Facility: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

c. Receiving Facility: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

☐ 15. Removal of Other Contaminated Media:

a. Specify Type and Volume: \_\_\_\_\_

b. Receiving Facility: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

c. Receiving Facility: \_\_\_\_\_ Town: \_\_\_\_\_ State: \_\_\_\_\_

☒ 16. Other Response Actions:

Describe: **RAM NOT PERFORMED. SEE ATTACHED COMPLETION REPORT FOR FURTHER DISCUSSION.**

☐ 17. Use of Innovative Technologies:

Describe: \_\_\_\_\_



Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC106

RELEASE ABATEMENT MEASURE (RAM)  
TRANSMITTAL FORM

Release Tracking Number

4

1187

Pursuant to 310 CMR 40.0444 - 0446 (Subpart D)

E. LSP SIGNATURE AND STAMP :

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> if Section B of this form indicates that a **Release Abatement Measure Plan** is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a **Release Abatement Measure Status Report** and/or **Remedial Monitoring Report** is being submitted, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> if Section B of this form indicates that a **Release Abatement Measure Completion Statement** is being submitted, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 9055

2. First Name: MICHAEL P.

3. Last Name: CLARK

4. Telephone: 7812244488

5. Ext.: 4909

6. FAX:

7. Signature:

8. Date:

(mm/dd/yyyy)

9. LSP Stamp:



Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC106

RELEASE ABATEMENT MEASURE (RAM)  
TRANSMITTAL FORM

Release Tracking Number

4 - 1187

Pursuant to 310 CMR 40.0444 - 0446 (Subpart D)

F. PERSON UNDERTAKING RAM:

1. Check all that apply: ☐ a. change in contact name ☐ b. change of address ☐ c. change in the person undertaking response actions
2. Name of Organization: **MASSACHUSETTS BAY TRANSPORTATION AUTHORITY**
3. Contact First Name: **DEBRA** 4. Last Name: **DARBY**
5. Street: **10 PARK PLAZA ROOM 6720** 6. Title:
7. City/Town: **BOSTON** 8. State: **MA** 9. ZIP Code: **021160000**
10. Telephone: **6172223169** 11. Ext.:  12. FAX: **6172221557**

G. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING RAM:

- ☒ 1. RP or PRP ☒ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter  
☐ e. Other RP or PRP Specify:
- ☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
- ☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
- ☐ 4. Any Other Person Undertaking RAM Specify Relationship:

H. REQUIRED ATTACHMENT AND SUBMITTALS:

- ☐ 1. Check here if any Remediation Waste, generated as a result of this RAM, 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 (BWSC108).
- ☐ 2. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.
- ☐ 3. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the implementation of a Release Abatement Measure.
- ☐ 4. Check here if any non-updatable information provided on this form is incorrect, e.g. Release Address/Location Aid. Send corrections to the DEP Regional Office.
- ☐ 5. If a RAM Compliance Fee is required for this RAM, check here to certify that a RAM Compliance Fee was submitted to DEP, P. O. Box 4062, Boston, MA 02211.
- ☒ 6. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.





Massachusetts Department of Environmental Protection  
Bureau of Waste Site Cleanup

BWSC106

RELEASE ABATEMENT MEASURE (RAM)  
TRANSMITTAL FORM

Release Tracking Number

4 - 1187

Pursuant to 310 CMR 40.0444 - 0446 (Subpart D)

I. CERTIFICATION OF PERSON UNDERTAKING RAM:

1. I, , attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By:

Signature

3. Title:

4. For:

MASSACHUSETTS BAY TRANSPORTATION AUTHORITY

5. Date:

(Name of person or entity recorded in Section F)

(mm/dd/yyyy)

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section F.

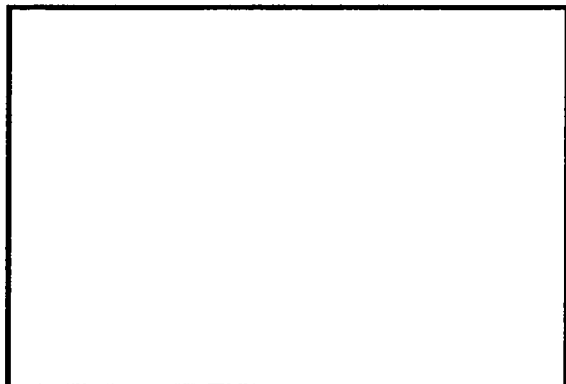
7. Street:

8. City/Town:  9. State:  10. ZIP Code:

11. Telephone:  12. Ext.:  13. FAX:

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO \$10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)





# The Commonwealth of Massachusetts

## Department of Public Safety—Division of Fire Prevention

### APPLICATION FOR PERMIT FOR REMOVAL AND TRANSPORTATION TO APPROVED TANK YARD

4/19 19 90  
(month)

C.82 S.40 M.G.L.

To: HEAD OF FIRE DEPARTMENT  
BRIDGEWATER  
City or Town

DIG SAFE NUMBER

90164713

Start Date 4/24/90

In accordance with the provisions of Chapter 148, G.L. as provided in  
Section 38A Application is hereby made by CYN OIL CORPORATION

(Name of Person, Firm or Corporation)

1771 WASHINGTON STREET, STOUGHTON, MA  
Address

For permission to ~~remove~~ <sup>slurry</sup> ~~excavate~~ underground steel storage tank(s) from

(3) 5,000 gallon

(1) 500 gallon

106 HALE STREET  
Street address (City or town)

FDID# 2\_3\_0\_4\_2 to approved Tank Yard#

State clearly type of  
Inert gas used in  
steel storage tank

type of inert gas used

ABANDONING

Name of Person, Firm, Corporation ~~disposing~~ tank CYN OIL CORP

Date issued - rejected APR 26, 1990

By: [Signature]

Date of expiration APR 30, 19 paid tax

Signature of Applicant



# The Commonwealth of Massachusetts

## DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE PREVENTION

### PERMIT

4/24 19 90

### FOR REMOVAL AND TRANSPORTATION TO APPROVED TANK YARD

C.82 S.40 M.G.L.

In accordance with the provisions of Chapter 148, G.L. as provided in  
Section 38A this permit is granted to

Name: CYN OIL CORPORATION

Full name of person, firm or Corporation

To ~~excavate~~ <sup>slurry</sup> ~~excavate~~ underground steel storage tank(s)

to Approved tank yard#

State clearly type of  
Inert gas used in  
steel storage tank

INDEPENDENT NAIL, 106 HALE STREET, BRIDGEWATER, MA

steel tank: (1) 500 gal., (3) 5000 gal.  
method

FDID# 2\_3\_0\_4\_2

Name and address of contractor

Fee paid \$ 55.00

disposing tank

Location to which tank will  
be transported

DIG SAFE NUMBER

90164713

Start Date 4/24/90

This permit will expire APR 30, 1990

Approved tank yard# [Signature]



# The Commonwealth of Massachusetts

## Department of Public Safety—Division of Fire Prevention

### APPLICATION FOR PERMIT FOR REMOVAL AND TRANSPORTATION TO APPROVED TANK YARD

APR 26, 1990

C.82 S.40 M.G.L.

To: HEAD OF FIRE DEPARTMENT  
BRIDGEWATER  
City or Town

OIG SAFE NUMBER

90164713

Start Date APR 26, 1990

In accordance with the provisions of Chapter 148, G.L. as provided in  
Section 38A Application is hereby made by CYN OIL CORPORATION

(Name of Person, Firm or Corporation)

1771 WASHINGTON STREET, STOUGHTON, MA  
Address

SLURRY

For permission to ~~remove and transport~~ underground steel storage tank(s) from

106 HALE STREET (INDEPENDENT NAIL) (1) 5000  
Street address (City or town) #2 FUEL

FOID# 23042 to approved Tank Yard#

State clearly type of  
inert gas used in  
steel storage tank

Type of inert gas used

Name of Person, Firm, Corporation disposing tank CYN OIL CORP

Date issued - ~~reverted~~ APR 26, 19 90

By:

Date of expiration APR 30, 19 paid/~~xxx~~

Signature of Applicant



# The Commonwealth of Massachusetts

## DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE PREVENTION

### PERMIT

APR 26, 90

### FOR REMOVAL AND TRANSPORTATION TO APPROVED TANK YARD

C.82 S.40 M.G.L.

In accordance with the provisions of Chapter 148, G.L. as provided in  
Section 38A this permit is granted to

Name: CYN OIL CORP

Full name of person, firm or Corporation

To ~~XXXXXX~~ underground steel storage tank(s)

SLURRY

to Approved tank yard# (1) 5000 GALLON FUEL TANK

State clearly type of  
inert gas used in  
steel storage tank

steel tank:

method

FOID# 23042  
Fee paid \$ 10.00

Name and address of contractor  
disposing tank  
Location to which tank will  
be transported

C.82 S.40 M.G.L.

OIG SAFE NUMBER

90164713

Start Date APR 26, 1990

This permit will expire APR 30, 1990

Approved tank yards

Signature of official granting permit (TITLE)  
(Head of Fire Dept.)



# The Commonwealth of Massachusetts

## Department of Public Safety—Division of Fire Prevention

### APPLICATION FOR PERMIT FOR REMOVAL AND TRANSPORTATION TO APPROVED TANK YARD

DEC 5, 19 90

To: HEAD OF FIRE DEPARTMENT  
BRIDGEWATER  
City or Town

C.82 S.40 M.G.L.

DIG SAFE NUMBER

T 9 0 1 6 1 6 9 4 8

Start Date DEC 5, 1990

In accordance with the provisions of Chapter 148, G.L. as provided in  
Section 38A Application is hereby made by CYN OIL CORP

(Name of Person, Firm or Corporation)

1771 WASHINGTON STREET, STOUGHTON, MA  
Address

SLURRY

For permission to ~~REMOVE AND TRANSPORT~~ underground steel storage tank(s) from

106 HALE STREET (INDEPENDENT NAIL) (1) 5000  
Street address (city or town) #2 FUEL

FDID# 2 3 0 4 2 to approved Tank Yard# NA

State clearly type of  
inert gas used in  
steel storage tank

NA  
Type of inert gas used

Name of Person, Firm, Corporation disposing tank CYN OIL

Date issued - rejected DEC 5, 19 90

By: [Signature]

Date of expiration DEC 6, 19 ~~paid/NA~~

Signature of Applicant



# The Commonwealth of Massachusetts

## DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE PREVENTION

### PERMIT

DEC 5, 1990

### FOR REMOVAL AND TRANSPORTATION TO APPROVED TANK YARD

C.82 S.40 M.G.L.

DIG SAFE NUMBER

T901616948

Start Date DEC 5, 1990

In accordance with the provisions of Chapter 148, G.L. as provided in  
Section 38A this permit is granted to

Name: CYN OIL CORP

Full name of person, firm or Corporation

To ~~XXXXXXX~~ underground steel storage tank(s)

SLURRY

to Approved tank yard#

ONE (1) 5000 GALLON  
#2 FUEL

State clearly type of  
inert gas used in  
steel storage tank

steel tank: \_\_\_\_\_

method

FDID# 2 3 0 4 2

Fee paid \$ 10.00

Name and address of contractor  
disposing tank \_\_\_\_\_  
Location to which tank will  
be transported \_\_\_\_\_

This permit will expire DEC 6, 1990

Approved tank yard# \_\_\_\_\_

Signature of official granting permit(TITLE)  
(Head of Fire Dept.)





The Commonwealth of Massachusetts  
Department of Public Safety  
Division of Fire Prevention and Regulation

APPLICATION FOR PERMIT, AND PERMIT, FOR REMOVAL AND TRANSPORTATION TO APPROVED TANK YARD

FDID# 23042

Permit #

Date March 11 19 92

BRIDGEWATER

City, Town or District

C. 82 S. 40 M. G. L.

Fee Paid: \$ 35.00

DIG SAFE NUMBER  
92110336

start date 3/12/92

In accordance with the provisions of Chapter 148, Sec. 38A, M.G.L.,

527 CMR 9.00 application is hereby made by: BEVIS ELECTRIC, INC.

Street Address & City or Town: 1320 HIGH ST., BRIDGEWATER

Signature of applicant: *David A. Bevis*

Applicants name printed: DAVID A. BEVIS

For permission to remove and transport one underground storage tank from.

Owner: INDEPENDENT NAIL CO. Street Address: 106 HALE STREET

Firm transporting waste: HITCHCOCK GAS ENGINE CO. State Lic. # MA10

Hazardous waste manifest # CTF 0128403 E.P.A. # MAP000048191

Approved tank yard: James G. Grant Co., Inc. # 03501

Tank yard Address: 28 Wolcott Street, Readville, MA

Type of inert gas: Co2 UL tank #:

Tank capacity: 2- 1000 gal Substance last stored: gasoline

Date of issue: MARCH 12, 19 92 Date of expiration: MARCH 16, 19 92

Signature/Title of Officer granting permit: *Roderick K. Walsh*

RODERICK K. WALSH, Chief



The Commonwealth of Massachusetts  
Department of Public Safety  
Division of Fire Prevention and Regulation

## APPLICATION FOR PERMIT, AND PERMIT, FOR REMOVAL AND TRANSPORTATION TO APPROVED TANK YARD

FDID# 23042

Permit #

Date 4/15 19 92

BRIDGEWATER

City, Town or District

C.82 S.40 M.G.L.

Fee Paid: \$ 55.00

DIG SAFE NUMBER

92110336

start date 4/15/92

In accordance with the provisions of Chapter 148, Sec. 38A, M.G.L.,

527 CMR 9.00 application is hereby made by: BEVIS ELECTRIC, INC.

Street Address &amp; City or Town: 1320 HIGH ST., BRIDGEWATER

Signature of applicant:

Applicants name printed: DAVID A. BEVIS

For permission to remove and transport one underground storage tank from.

Owner: INDEPENDENT NAIL CO. Street Address: 106 HALE STREET

Firm transporting waste: HITCHCOCK GAS ENGINE CO. State Lic. # MA10

Hazardous waste manifest # CT F 0128504 E.P.A. # MAP000048191

Approved tank yard: JAMES G. GRANT CO. # 03501

Tank yard Address: 28 WOLCOTT ST., READVILLE, MA

Type of inert gas: CO 2 UL tank #:

3 - 2,000 gal.

Tank capacity: 1 - 200 gal. Substance last stored: quench oil gasoline

Date of issue: 16 April 1992 Date of expiration: 23 April 1992

Signature/Title of Officer granting permit:

RODERICK K. WALSH, Chief

KEEP ORIGINAL AS APPLICATION AND ISSUE DUPLICATE AS PERMIT



The Commonwealth of Massachusetts  
Department of Public Safety  
Division of Fire Prevention and Regulation

APPLICATION FOR PERMIT, AND PERMIT, FOR REMOVAL AND TRANSPORTATION TO APPROVED TANK YARD

FDID# 23042

Permit # \_\_\_\_\_

Date 4 May 19 92

BRIDGEWATER

City, Town or District

C. 82 S. 40 M. G. L.

Fee Paid: \$ 25.00

DIG SAFE NUMBER

92110336

start date 4 May 92

In accordance with the provisions of Chapter 148, Sec. 38A, M.G.L.,

527 CMR 9.00 application is hereby made by: Bevis Electric

Street Address & City or Town: 1320 High St., Bridgewater, MA 02324

Signature of applicant: David A Bevis

Applicants name printed: David A Bevis

For permission to remove and transport one underground storage tank from.

Owner: Independent Nail Co Street Address: 106 Hale Street

Firm transporting waste: \_\_\_\_\_ State Lic.# \_\_\_\_\_

Hazardous waste manifest # \_\_\_\_\_ E.P.A.# \_\_\_\_\_

JG Grant Co., Readville MA

03501

Approved tank yard: \_\_\_\_\_ # \_\_\_\_\_

Tank yard Address: \_\_\_\_\_

Type of inert gas: \_\_\_\_\_ UL tank #: \_\_\_\_\_

Tank capacity: 500 (Kerosine) Substance last stored: \_\_\_\_\_

Date of issue: 4 May 92 19 Date of expiration: 11 May 19 92

Signature/Title of Officer granting permit: Roderick K. Walsh

RODERICK K. WALSH, Chief

KEEP ORIGINAL AS APPLICATION AND ISSUE DUPLICATE AS PERMIT

APR - 5 1991

*Environmental Site Assessment Report*

*For The Property Located at*

*106 HALE STREET*

*In*

*BRIDGEWATER, MASSACHUSETTS*

*Prepared for:*

*W. H. Maze Company  
100 South Church Street  
Peru, IL 61354*

*March 18, 1991  
Project No. 5194RI10*



**BRIGGS**

*Briggs Associates, Inc.  
400 Hingham Street, Rockland, Massachusetts  
(617) 871-6040*



# BRIGGS



400 Hingham Street, P. O. Box 369, Rockland, MA 02370-0369 ▶ (617) 871-6040

September 6, 1991


Mr. Bob Fisher  
Bridgewater Corporation  
106 Hale Street  
Bridgewater, MA 02324

Dear Mr. Fisher:

In reference to our telephone conversation, be advised that on the bottom of page 14 of BAI's *Environmental Site Assessment Report* (Project No. 5194RI10 dated 3/18/91) appears the statement "Underlining of a reported result denoted that result is above the specified limit criteria". This indicates that any concentration reported within summary tables 1 and 2 which is underlined exceeds the maximum allowable concentration limit established by the State of Massachusetts.

If you have any additional questions, please do not hesitate to contact us.

Very truly yours,  
BRIGGS ASSOCIATES, INC.

  
Kristine A. Gilson  
Geologist

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## **1.0 GENERAL**

### **1.1 Authorization**

In accordance with your approval dated January 30, 1990 of our Proposal No. MA10.90.00138.00, we have undertaken and completed an Environmental Site Assessment of the property located at 106 Hale Street in Bridgewater, Massachusetts.

### **1.2 Introduction**

This study was undertaken in order to determine if a release of oil or hazardous materials, as defined by Massachusetts General Law Chapter 21E (MGL Chapter 21E) and the Massachusetts Contingency Plan (MCP 310 CMR 40.00), has occurred at the property located at 106 Hale Street in Bridgewater, Massachusetts.

Included in this study is information obtained as a result of research conducted with various local agencies such as the Bridgewater Fire Prevention Department, Bridgewater Board of Health, Bridgewater Assessors Office, Bridgewater Building Department, Bridgewater Town Clerk's Office, the Plymouth County Registry of Deeds in Plymouth, Massachusetts and the Massachusetts State Department of Environmental Protection (DEP), Southeast Regional Office. To supplement our research, Briggs Associates, Inc. (BAI) drilled six test borings, installed six monitoring wells and performed analytical testing on selected soil and groundwater samples.

To the rear of the main building along the ConRail property, the soil was significantly stained with a petroleum material and there was a section of the building exterior that appeared to be covered with a petroleum material. Based upon this information, the scope of work was modified to include the installation of three additional monitoring wells on the ConRail property. It was determined that two permits were necessary to complete this work and review of these applications were to go through several agencies. However, after an excess of one year of waiting for approval of these permits, it was deemed by the client that this additional scope of work was not warranted.

## 2.0 SITE CONDITIONS

### 2.1 General

The subject site is located at 106 Hale Street in Bridgewater, Massachusetts as shown on the Site Locus Plan included as Figure 1 to this report.

The subject property, identified as Lots 233 and 234 on Bridgewater Assessors' Map 34, is 67,360 square feet in total area. USGS Bridgewater Topographic Quadrangle Coordinates are approximately identified as 70° 58' 00" West Longitude and 41° 39' 00" North Latitude. Universal Transverse Mercator Coordinates are approximately identified as 338<sup>000</sup> Meters East and 4650<sup>400</sup> Meters North. Refer to the Lot Location Plan included as Figure 2 to this report. The site is presently occupied by a manufacturing and office building.

### 2.2 Site Description

Visual inspections of the property were conducted during February 1990. The property was inspected for evidence of a release or threat of release of oil, or hazardous materials as defined by MGL Chapter 21E. On-site inspections consisted of a surficial inspection of the grounds for stained or stressed vegetation and surficial soils and an inspection of the building interior to determine if hazardous materials were used, stored or generated. Additionally, the building and grounds were inspected for potential subsurface pathways (i.e. storm drains, floor drains). Photographs were taken of the site during our surficial inspections and are included in Appendix A of this report.

The subject site is currently occupied by a manufacturing and office building operated as Independent Nail, Inc. There are two buildings on-site, one of which is utilized for nail manufacture and the other is utilized as a wire mill. Municipal sewer and water systems are utilized on-site. The site area is generally mixed business and residential. The topography of the site area is identified as rolling.

The main building on-site was inspected and the foundation of the building is poured concrete. A basement occupies only one-quarter of the building footprint. This basement is currently utilized as storage of junk material. Some standing water was noted within several sections of the basement which is attributable to the high water table within the subject area.

A portion of the building front is two-stories and utilized as office space. The second story is currently unoccupied. The first floor of the building is generally nail manufacture and warehouse. Nails are stored on pallet jacks in either small metal containers or old 55 gallon drums. There is one 275 gallon above ground storage tank not in use within the building. Parts cleaner, rustproofing solution and gear oil are stored in several areas throughout the building.



There are several loading bays within the building adjacent to nail packaging areas. The concrete floor of the building exhibited staining due to previous spills of oil and other materials. One room within the building was formerly an area utilized for galvanizing and plating of nails and a sulfuric acid weak solution was used. This solution was neutralized and then discharged into the town sewer system through floor drains.

The boiler room located within the main building has two boilers, one of which is not currently in use. A concrete material encasing the boilers may contain asbestos material. This information is based upon visual inspections and the reported age of the building. Also, there is one 500 gallon underground storage tank located under the building and visible through the floor grates. This tank contained #4 fuel oil and is not currently in use.

A large filter device is located within the building which is utilized for the re-use of waste oil. An acid/water solution used in the preparation of stainless steel nails is used twice, neutralized and discharged into the town sewer system through building floor drains.

There is one industrial process well located on-site. Water is pumped to an above ground holding tank and then utilized for process of nails. An oil quencher located within the building stores a small quantity of oil which is passed through the wash system.

A separate area within the building is utilized for the painting of nails. Nail Company employees mix the water reducible acrylic paints on-site from the numerous cans stored within this area.

A second, smaller building on-site is utilized as a wire mill. The building is slab-on-grade and no floor drains were noted. No chemicals are stored within this building. The first floor of the building is utilized for storage of paints and empty 55 gallon drums and warehouse for the shipping of packaged nails and wire materials. All items within this area are stored on pallet jacks. A portion of the first floor is also used for the packaging of the nails.

The second story of this building is utilized for the printing of box labels. Ink materials and boxes are stored within this area. The building is heated by forced hot air which is supplied by a #4 fuel oil tank.

Material Safety Data Sheets (MSDS) obtained from building representatives revealed that several potentially hazardous materials are utilized on-site. The trade compound Xylol (xylene), a synthetic thinner, is used to wash out paint containers. The Nail Company used one 55 gallon drum per year. A cleaning compound is utilized as a corrosion inhibitor at the end of the heat treating process in nail manufacture. The trade compound Magnuspray is utilized as a liquid detergent. The trade compound CLEPO (tri-sodium phosphate), powdered acid salt, is utilized in washing nails. Several oils are utilized on-site such as quench oil (industrial lubricating oil) and gear oil used in the nail machines as a centralized lubrication system. These oils are used and re-used considerably. The trade compound ZACLON (zinc ammonium chlorite triple salt), a galvanizing flux, was formerly used for the plating of nails.

4/92  
According to building representatives, the subject property is in the process of switching to gas heat. There are either 13 or 14 underground storage tanks located on the subject property. To the rear of the main building and located on ConRail property are four underground storage tanks (USTs). 2-2000 gallon fuel oil USTs, 1-1500 gallon process oil UST and one gasoline UST of unknown capacity. The age of these tanks is not known. The last time the gasoline tank was used is not known. The gasoline UST is planned to be abandoned in place and filled with slurry. The other three tanks are planned to be cleaned out and then remain in use. pulled 4/92

There are four USTs located to the front of the main building located under the Hale Street sidewalk. There are 2-5000 and 1-9000 gallon fuel oil USTs which are reportedly partially underneath the building. There is also 1-500 gallon #4 fuel oil tank which is completely underneath the building and visible through building floor grates. The age of these tanks is not known and none are currently in use. The last time these tanks were used is not known. These tanks are planned to be abandoned in place and filled with slurry. 4/90

There is 1-500 gallon kerosene tank located underneath the building along the alley way to the northwest side of the main building. This tank is reportedly currently in use and to remain in use. The age of this tank is not known. 5/92

There are two or three formerly gasoline tanks located within the loading bay of the wire mill building. The age and capacity of these tanks is not known. These tanks are reportedly to have been filled with water a long time ago. These tanks are planned to be abandoned and filled with slurry.

There is 1-5000 gallon #2 fuel oil tank located to the southwest side of the wire mill building along Depot Street. The age of this tank is not known. This tank is currently in use and to remain in use.

There is 1-5000 gallon fuel oil UST and 1-6000 gallon #4 fuel oil UST located at the southeast side of the wire mill building along Hale Street. The 5000 gallon tank is not in use and planned to be abandoned and filled with slurry. The 6000 gallon tank is currently in use and to remain in use. The age of these tanks is not known.

The buildings occupy the major portion of the property. There is very little vegetation located along the property. However, this vegetation appeared to be in good condition showing no signs of dead or environmentally stressed spots. The areas around the reported underground storage tanks are asphalt paved; however, no surficial staining was noted within these areas.

To the rear of the main building along the ConRail property, the soil was significantly stained with a petroleum material and there was a section of the building exterior that appeared to be covered with a petroleum material.

### 2.3 Abutting Properties

The properties abutting the site are as follows:

|        |   |
|--------|---|
| North: | Penn - Central Railroad.  |
| West:  | Bridgewater Citizens Club and private residences.               |
| South: | Hale Street. Across Hale Street are private residences.         |
| East:  | Plymouth Street. Across Plymouth Street are private residences. |

The abutting properties were found to be generally neat and clean. The observable vegetation appeared to be in good condition with no dead or environmentally stressed spots.

### 2.4 Site History

The history of the subject property was researched with the Bridgewater Assessors Office, Bridgewater Building Department and the Plymouth County Registry of Deeds in Plymouth, Massachusetts. Based upon information obtained from these offices, the site is presently occupied by Independant Nail Corp. This has been the site occupancy since the early 1900's and no records of any former structures could be obtained.

A title search was conducted with the Plymouth County Registry of Deeds in Plymouth, Massachusetts dating back to October 1972 when Cudahy & Sons, Inc. deeded sixteen parcels of land to Independant Nail, Inc. This information is recorded in Deed Book 3823 page number 768. No records of any other property owners could be obtained.

### 3.0 RESEARCH INVESTIGATIONS

#### 3.1 Department of Environmental Protection (DEP), Southeast Regional Office, Lakeville, Massachusetts

Review of the available Massachusetts Water Supply Protection Atlas overlays<sup>1</sup> indicates that the site is located in the Taunton River Drainage Basin, Subbasin TT-11. The aquifer beneath the site area is classified as L<sub>1</sub>. The L<sub>1</sub> classification indicates the subject property is in an area of stratified drift with transmissivity less than 10,000 gallons per day per foot with well yields generally less than 100 gallons per minute per well. The regional direction of groundwater flow is in a general southerly direction.

A review of the available Water Sources Overlay indicates there are no potable water sources located within one mile of the subject site.

The available Waste Sources Overlays show there are no surface impoundments or confirmed hazardous waste sites located within a one mile radius of the subject site. There are two active landfills, DEP reference numbers 43B-044-002B and 43B-044-003F, located within one mile to the south and north, respectively, of the subject site. There is also one junkyard, DEP reference number 1, located within one mile to the northeast of the subject site. There is one N.P.D.E.S. (National Pollution Discharge Elimination System) discharge point, DEP reference number 0003212, located within one mile to the north of the subject site.

The Sites Database and the Spills Database, which lists sites by oil and hazardous materials spills, are not available for the Southeast Region.

The DEP Miscellaneous Hazardous Waste, Oil Spill and General RCRA files were researched for the Town of Bridgewater on February 21, 1990. According to information in these files, there are no violations registered for the ~~the~~ subject site. However, there have been violations registered for the surrounding area regarding petroleum or hazardous waste materials contamination. These are listed as follows:

#### SPECIFIC SITE FILES

- Citgo Gasoline Station, 155 Broad Street, 4-0296

8/89 - Limited Site Investigation Update Report issued by IEP, Inc. states soil and groundwater contamination was discovered during a subsurface investigation and subsequent sampling; source of contamination is identified as a former underground storage tank, removed from the site.

<sup>1</sup>Drainage basin, aquifer information, water sources & waste sources overlays



5/89 - Sample Analysis performed from on-site monitoring wells as part of IEP's periodic monitoring program concludes that VOCs were still present in the site groundwater, however overall results show a decrease in VOC concentrations over time.

8/86 - Site Assessment Report issued by IEP indicating that following the removal of the old UST, the only source of contamination is the soil that remains on-site; the effects of the identified release are stated as being minimal; removal of these soils is not recommended due to the small quantity of contamination.

• Cumberland Farms, 20 Broad Street; 4-0521

6/88 - Phase I Site Assessment Report issued by CHI; not in file.

1/8/88 - 2-4000 gallon USTs were excavated from the site; several holes were noted within one of the tanks; site is considered by DEP to be a priority disposal site.

12/24/87 - DEP site investigation discovered gasoline released from a pipe into a nearby catch basin downgradient from the site; test pits dug indicated gasoline contaminated soil.

• Property, 275 High Street; 4-0471

9/21/87 - letter to DEP informing them that 8 USTs had been removed and an unknown quantity of gasoline and fuel oil contaminated soil was discovered; excavation and removal of soil to be completed; JetLine contracted to complete cleanup; case pends.

**MISCELLANEOUS HAZARDOUS WASTE FILES**

No listings within a one mile radius of the subject property.

**MISCELLANEOUS GENERAL FILES**

- Bridgewater Foundry, High Street: Notice of Non-compliance issued following DEP site inspection whereby property was found to be vacant; numerous drums of unidentified substance, piles of foundry sand and old casings were dumped on-site.

**MISCELLANEOUS SPILL REPORTS**

- Model Paving Co., 1025 Plymouth Street: complaint on 6/5/89 of asphalt, tar, diesel, fuel oil and possibly asbestos wastes on the property; no further information in file.
- Route 106, East Center Street: Spill report SE88-636; release of 150 gallons of #2 fuel oil on 9/27/88; cleanup performed by JetLine.

- Old Colony Gasoline Station, 28 Broad Street: spill report SE87-818; release of 50 to 70 gallons of gasoline from UST overfill on 12/27/87; catch basin impacted; cleanup performed by Clean Harbors; no further response necessary.
- 39 Spring Street: spill report SE85-09; release of 200 gallons of #2 fuel oil on 1/16/85; cleanup performed by Clean Harbors; no enforcement action recommended.

The DEP "List of Confirmed Disposal Sites and Locations To Be Investigated", dated 1990, lists the following sites in the area of the subject property:

#### *PROFILE OF PETROLEUM MATERIALS RELEASES*

- Cumberland Farms, 20 Broad Street: Site Number 4-0521; Status - Phase 1 (limited site investigation, including site classification); priority site.

#### *LOCATIONS TO BE INVESTIGATED*

- Citgo Service Station, 155 Broad Street: Site Number 4-0296; Status - Phase 1 (limited site investigation); first listed LTBI 1/15/87.
- Property, 275 High Street: Site Number 4-0471; Status - Phase 1 (limited site investigation); first listed LTBI 1/15/88.
- Week's Dairy, 792 Plymouth Street: Site Number 4-0538; Status - Phase 1 (limited site investigation); first listed LTBI 10/15/88.

A review of the 1991 DEP "List of Confirmed Disposal Sites and Locations To Be Investigated" indicates there have been no additional sites added to the listing since the abovementioned material was compiled.

### *3.2 Bridgewater Fire Prevention Department*

Information obtained from the Bridgewater Fire Prevention Department revealed that there are several areas of concern for the subject property. The files regarding the subject property are incomplete and the number, age and location of all the underground storage tanks is not known. Conversations with Deputy Brazil indicate that the structural integrity of the underground storage tanks at the site will be a determining factor as to whether these tanks are recommended to be removed or abandoned in place. There is a possibility that several tanks were abandoned in place in the 1970's. Permits are on file with this department regarding the storage of gasoline and heavy oils, however, these files are incomplete.

### **3.3 Bridgewater Board of Health**

According to representatives of the Bridgewater Board of Health there have been no reported environmental problems or complaints with the subject property or the surrounding area.

### **3.4 Bridgewater Building Department**

According to representatives of the Bridgewater Building Department the Independent Nail Company has been located at 106 Hale Street prior to the 1940's. Their records are not complete before this time. However, personnel indicated that the building may have been built in the very early 1900's.

## 4.0 FIELD INVESTIGATIONS

### 4.1 Test Borings

The subsurface conditions at the site were explored by drilling six (6) test borings to maximum depth of 20 feet below the existing ground surface. The test borings were drilled on February 12 and 13, 1990 under the supervision of BAI personnel.

Subsurface explorations were conducted utilizing a Mobile Drill Rig, Model B-47. Soil samples were obtained in accordance with ASTM D1586, "Penetration Test and Split-Barrel Sampling of Soils". Standard Penetration Tests (SPT) were performed at depth intervals shown on the boring logs. Soil samples obtained from the test borings were classified by visual and textural examination in accordance with the Unified Soils Classification System. The Test Boring Logs are included as Appendix B and the boring locations are shown on Figure 3.

### 4.2 Monitoring Wells

Monitoring wells MW-1 through MW-6 were installed in completed boreholes B-1 through B-6, respectively, in order to monitor the groundwater level and to obtain groundwater samples for laboratory analysis. Refer to Figure 3 for locations of the monitoring wells.

Monitoring wells MW-1 through MW-6 were installed to a depth of 20.0 feet (ft), 20.0 ft, 15.0 ft, 17.0 ft, 15.5 ft and 12.0 ft, respectively, below existing grade. Each well is constructed of a 0.010 inch slotted polyvinyl chloride (PVC) wellpoint section threaded to a PVC riser pipe of the same diameter. All PVC has threaded connections and has an inside diameter of 2 inches. Following installation of the wellpoint and riser pipe, clean silica sand was employed as a filter pack around the wellpoint. A minimum one foot bentonite pellet seal was installed above the sand. A cast iron gate box was installed as a protective cover to the well. The gate box was installed flush with the ground surface and sealed at the surface with cement. The Monitoring Well Installation Reports are included in Appendix C.

### **5.0 SAMPLING AND ANALYSIS**

#### **5.1 Subsurface Soils**

A total of thirty six (36) surface and subsurface soil samples were collected during the drilling of test borings B-1 through B-6. Ambient air headspace analysis of grab soil samples was performed for total ionizable compounds, detected as benzene, utilizing a Photovac Tip II photoionization meter.

Concentrations of total ionizable compounds detected ranged from 00.7 parts per million (ppm) to 60.6 ppm. These concentrations are slightly elevated with respect to the range normally encountered in natural soils. A summary of the analytical method, instrumentation sampling procedure and analysis report are included in Appendix D.

Composite soil samples from test borings B-1 through B-6 were tested for concentrations of total petroleum hydrocarbons via Standard Methods 503D and 503E; volatile organic compounds via EPA Method 624/8240; RCRA Metals, pH and Cyanide via methods outlined in Appendix E. Refer to Table 1 for a summary of analytical data and Appendix E for the analytical report, summary of analytical methods and QA/QC statement.

#### **5.2 General Groundwater Conditions**

Monitoring wells MW-5 and MW-6 were destroyed due to the tank removal and repaving activities performed at the site. Groundwater readings obtained in monitoring wells MW-1 through MW-4 were found to be approximately 11.4 feet (ft), 10.7 ft, 9.5 ft and 8.15 ft, respectively, below existing ground surface. Groundwater levels may be affected by local anomalous conditions and may be dependent on seasonal factors, and thus may not represent the levels to be encountered in the future.

All sampling was conducted in accordance with U.S. EPA recommended protocols for equipment decontamination, sample collection and sample storage. Chain of Custody sheets were completed for the submitted groundwater samples, and are available from BAI's analytical laboratory upon request.

A pre-cleaned disposable bailer was utilized to purge each well prior to obtaining samples. The pre-cleaned disposable bailer was carefully lowered to the water table and submerged one-half its total length. Upon removal no free-phase floating product was observed on the water surface in the bailer in any of the four (4) monitoring wells.



Prior to groundwater sample collection, the well was purged a minimum of three times the well-casing volume using a pre-cleaned disposable bailer. Samples for TPH analysis were stored in pre-cleaned one liter amber glass bottles. Samples for RCRA Metal analysis are stored in one liter plastic bottles. Samples for volatile organic compound (VOC) analysis were stored in pre-cleaned 40 ml glass vials with teflon septum caps. Samples obtained for VOC analysis were carefully decanted from the bailer to minimize aeration. All water samples were packed on ice in an insulated cooler for transport to BAI's analytical laboratory. A chain of custody sheet was completed to account for sample handling.

Grab groundwater samples obtained from monitoring wells MW-1 through MW-4 were submitted to BAI's Analytical Laboratory for analysis of volatile organic compounds (VOCs) via EPA Method 624/8240; TPH by Method 503D and 503E; and pH, Total Metal and Cyanide via Methods outlined in Appendix F. Laboratory results for groundwater analyses are summarized in Table 2. Complete analytical reports, including a summary of analytical methods and QA/QC statement are included in Appendix F.

**TABLE 1**  
Summary of Analytical Results, Soil  
Independant Nail Co. - Bridgewater, MA  
Soil Samples Collected  
February 13, 1990

| PARAMETER<br>Location  | LABORATORY SAMPLE NUMBER |                    |                  |                  |                  |                  |                  |
|--|--------------------------|--------------------|------------------|------------------|------------------|------------------|------------------|
|  | 10472A<br>B5/SS1         | 10472B<br>B5/SS1,2 | 10472C<br>B4/SS4 | 10472D<br>B6/SS2 | 10472E<br>B1/SS2 | 10472F<br>B3/SS2 | 10472G<br>B2/SS4 |
| Total Petroleum<br>Hydrocarbons <sup>1</sup><br>(mg/Kg) <sup>2</sup> | NS <sup>3</sup>          | 950                | <25              | 270              | NS               | <25              | 60               |
| RCRA   |                          |                    |                  |                  |                  |                  |                  |
| Metals <sup>4</sup> (mg/L) <sup>5</sup>                              |                          |                    |                  |                  |                  |                  |                  |
| Arsenic  | 3.4                      | NS                 | NS               | NS               | NS               | 2.6              | 0.7              |
| Barium   | 54                       | NS                 | NS               | NS               | NS               | <10              | <10              |
| Cadmium  | 1.6                      | NS                 | NS               | NS               | NS               | <0.5             | <0.5             |
| Chromium   | 27.6                     | NS                 | NS               | NS               | NS               | 3.6              | 3.5              |
| Lead   | 230                      | NS                 | NS               | NS               | NS               | <2.5             | <2.5             |
| Mercury  | 0.09                     | NS                 | NS               | NS               | NS               | 0.01             | <0.01            |
| Selenium   | <0.25                    | NS                 | NS               | NS               | NS               | <0.25            | <25              |
| Silver   | <1.0                     | NS                 | NS               | NS               | NS               | <1.0             | <1.0             |
| pH   | 7.4                      | NS                 | NS               | NS               | 7.1              | 6.0              | NS               |
| Total Cyanide <sup>6</sup><br>(mg/KG)                                | 3.5                      | NS                 | NS               | NS               | 1.8              | <1.0             | NS               |
| Volatile<br>Organic<br>Compounds                                     |                          |                    |                  |                  |                  |                  |                  |
| (µg/KG) <sup>7</sup>   |                          |                    |                  |                  |                  |                  |                  |
| Xylenes <sup>8</sup>   | NS                       | 215                | NS               | ND <sup>9</sup>  | NS               | ND               | ND               |

**TABLE 2**  
Summary of Analytical Results, Groundwater  
Independant Nail Co. - Bridgewater, MA  
Water Quality Samples Collected  
February 20, 1991

| PARAMETER<br>Location               | LABORATORY SAMPLE NUMBER |                |                |                | LIMITS                   |
|-------------------------------------|--------------------------|----------------|----------------|----------------|--------------------------|
|                                     | 12053A<br>MW-1           | 12053B<br>MW-2 | 12053C<br>MW-3 | 12053D<br>MW-4 |                          |
| Total Petroleum Hydrocarbons (mg/L) | <5                       | 17             | <5             | <5             | None                     |
| pH                                  | 6.1                      | NS             | 6.1            | NS             |                          |
| Total Cyanide (mg/KG)               | <0.04                    | NS             | <0.04          | NS             | 1300 ORSGL <sup>10</sup> |
| Total Metals (mg/L)                 |                          |                |                |                |                          |
| Antimony                            | <0.01                    | NS             | <0.01          | NS             |                          |
| Arsenic                             | <0.005                   | NS             | <0.005         | NS             |                          |
| Barium                              | <0.2                     | NS             | 0.2            | NS             |                          |
| Beryllium                           | <0.4                     | NS             | <0.01          | NS             |                          |
| Cadmium                             | <0.002                   | NS             | <0.002         | NS             |                          |
| Chromium                            | <0.02                    | NS             | <0.02          | NS             |                          |
| Copper                              | <0.02                    | NS             | <0.02          | NS             |                          |
| Lead                                | <0.005                   | NS             | <0.005         | NS             |                          |
| Mercury                             | <0.0002                  | NS             | <0.0002        | NS             |                          |
| Nickel                              | <0.02                    | NS             | 0.02           | NS             |                          |
| Selenium                            | <0.005                   | NS             | <0.005         | NS             |                          |
| Silver                              | <0.02                    | NS             | <0.02          | NS             |                          |
| Thallium                            | <0.01                    | NS             | <0.01          | NS             |                          |
| Zinc                                | 0.09                     | NS             | 0.18           | NS             |                          |
| Volatile Organic Compounds (µg/L)   |                          |                |                |                |                          |
| 1,1,1-Trichloroethane               | 1.8                      | ND             | ND             | ND             | 140 ORSGL                |

<sup>1</sup>No soil limit has been established for Total Petroleum Hydrocarbons

<sup>2</sup>mg/Kg = milligrams per kilogram = ppm = parts per million

<sup>3</sup>NS = Not Sampled

<sup>4</sup>RCRA Metal Bulk Analysis times 20 for comparison. Limits in MG/KG are: Arsenic 100, Barium 2000, Cadmium 20, Chromium 100, Lead 100, Mercury 4, Selenium 20 and Silver 100.

<sup>5</sup>mg/L = milligrams per liter = ppm = parts per million

<sup>6</sup>No soil limit has been established for Total Cyanide

<sup>7</sup>µg/KG = micrograms per kilogram = ppb = parts per billion

<sup>8</sup>No soil limit has been established for Xylenes

<sup>9</sup>ND = Not Detected

<sup>10</sup>ORSGL = ORS Drinking Water Guideline.

Note: Underlining of a reported result denoted that result is above the specified limit criteria.

## **6.0 FINDINGS, CONCLUSIONS AND RECOMMENDATIONS**

### **6.1 Summary of Findings**

Briggs Associates, Inc. has completed the scope of services as defined in our Proposal MA10.90.00138.00 authorized January 30, 1990. The results of our investigation are summarized as follows:

- A review of the available records on file with the DEP - Southeast Regional Office, Bridgewater Fire Prevention Department and Bridgewater Board of Health indicate that the property located at 106 Hale Street in Bridgewater, Massachusetts has not been the site of a reported release of oil or hazardous materials as defined by MGL Chapter 21E.
- The site is located in a mixed business and residential area. There is no evidence of public wells on-site or in the vicinity of the site based on information obtained from the DEP Water Supply Protection Atlas.
- A surficial inspection of the grounds did not reveal any evidence of a release of oil or hazardous materials to the environment. However, there are numerous underground storage tanks located on-site. Several large areas of petroleum stained soils were located to the building rear on the Conrail property. Refer to Section 2.2 of this report.
- An inspection of the building interior did not reveal any evidence of a release of oil or hazardous materials to the environment. However, there are numerous types of hazardous chemical and underground storage tanks utilized for the business currently at the subject site. Refer to Section 2.2 of this report.
- There are approximately thirteen underground storage tanks located on the subject site. Some of these tanks may have been abandoned in place during the 1970's. In addition, some of these tanks may have been removed and/or abandoned in place by the current property owner. The removal of these tanks was not part of the scope for this report. Refer to Section 2.2 and 3.2 of this report.
- A review of the files with the DEP - Southeast Region show no violations regarding oil or hazardous materials for the subject property. There are, however, several violations registered for the surrounding area. Refer to Section 3.1 of this report.
- Ambient air headspace analysis of thirty six surface and subsurface soil grab samples obtained from test borings B-1 through B-6 reported no significant levels of total ionizable compounds, detected as benzene. Refer to Appendix D for the completed analytical report.

- Total petroleum hydrocarbon concentrations reported as detected in composite and grab soil samples ranged from <25 mg/Kg to 950 mg/Kg. The values of 270 mg/Kg and 950 mg/Kg reported in test borings B-5 and B-6 are elevated with respect to the area within which the subject site is located. Refer to Appendix E for the analytical report and Table 1 for a summary of analytical results.
- RCRA Metals concentrations reported as detected in composite and grab soil samples were non-detected in test borings B-2 and B-3 for the RCRA Metals Barium, Cadmium, Lead, Mercury, Selenium and Silver. Trace levels of Arsenic and Chromium were reported as detected in soil samples from test borings B-2 and B-3. The RCRA Metals Arsenic, Barium, Cadmium, Chromium, Lead and Mercury were reported as detected in soil samples obtained from test boring B-5. The RCRA Metals Selenium and Silver were not detected in test boring B-5. Of the established limits criteria for RCRA Metal analysis of soil, the reported quantity for Lead in test boring B-5 exceeded this amount. Refer to Appendix E for the analytical report and Table 1 for a summary of analytical results.
- Total Cyanide concentrations were reported as detected in composite soil samples from test borings B-1 and B-5. The volatile organic compound xylenes was reported as detected in composite soil samples from test boring B-5. Refer to Appendix E for the analytical report and Table 1 for a summary of analytical results.
- Grab groundwater samples obtained from monitoring wells MW-1 through MW-4 reported as detected levels of total petroleum hydrocarbons which are below instrumentation detection levels with the exception of 17 ppm in MW-2. Refer to Appendix F for the analytical report and Table 2 for a summary of analytical results.
- Grab groundwater samples from MW-1 and MW-3 reported as detected levels of Total Cyanide and Total Metals which are below instrumentation detection levels with the exception of Total Metals Barium and Nickel which were reported as trace quantities. Refer to Appendix F for the analytical report and Table 2 for a summary of analytical results.
- The volatile organic compound 1,1,1-Trichloroethane was reported as detected in the grab groundwater sample obtained from MW-1. Refer to Appendix F for the analytical report and Table 2 for a summary of analytical results.

## 6.2 Conclusions and Recommendations

Based on the investigative methods described herein and the data collected, Briggs Associates, Inc. concludes that the subject site has been the site of a release of oil or hazardous material to the environment.

There are approximately thirteen underground storage tanks located on the subject site. However, at this time, some of the tanks may have been removed and/or abandoned in place as per the current property owner.



According to State Regulation 527 CMR 9.00, tanks not in service for a period of six months are considered to be abandoned and must be removed from the ground. However, if certain constraints prohibit the removal of these tanks, then it may be necessary to abandon in place whereby tanks should be thoroughly cleaned and filled with a concrete slurry. Should continued use of any of the tanks be contemplated, we recommend that they be tested for tightness to confirm their structural integrity.

Review of the available files with the DEP - Southeast Region show there are no violations reported for the subject property regarding petroleum or hazardous materials releases. However, there are violations reported for the surrounding areas. Based on the locations of these sites, date of occurrence, volume of release, and the regional direction of groundwater flow, no significant impact of the subject property's environmental integrity is anticipated.

Soil and groundwater analyses reveal the presence of several metals, volatile organic compounds and total petroleum hydrocarbons. These contaminants may be due to releases from the underground storage tank systems and/or releases associated with the historical on-site activities. Based upon this information, T recommends initiation of a quarterly groundwater monitoring for one year.

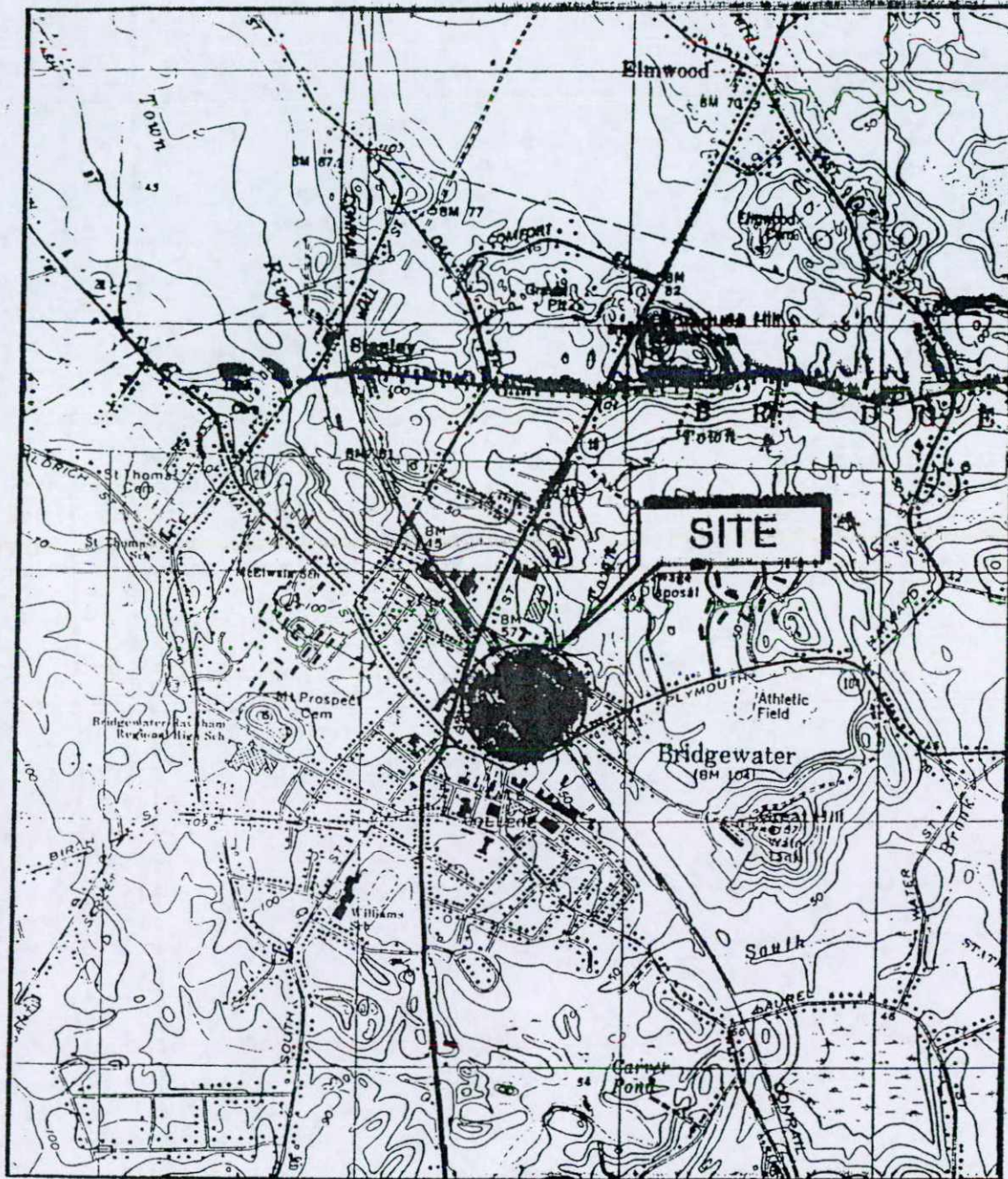
In addition, based upon the age of the building, an asbestos audit is recommended.

### 6.3 Limitations

The recommendations and conclusions provided herein are based solely on the scope of work conducted and the availability of information at this time. Any additional information concerning the site or any abutting parcels, should be provided to Briggs Associates, Inc. so that our recommendations and conclusions may be reviewed and modified if necessary.

The opinions stated in this report are based upon professional expertise; no other warranty or guarantee is implied herein.



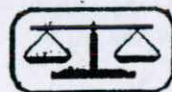


N

Plan taken from  
Bridgewater and  
Whitman  
USGS Quadrangles



**BRIGGS ASSOCIATES, INC.**  
400 HINGHAM STREET  
ROCKLAND, MASSACHUSETTS



DR. BY: KAF

SCALE: 1:25,000

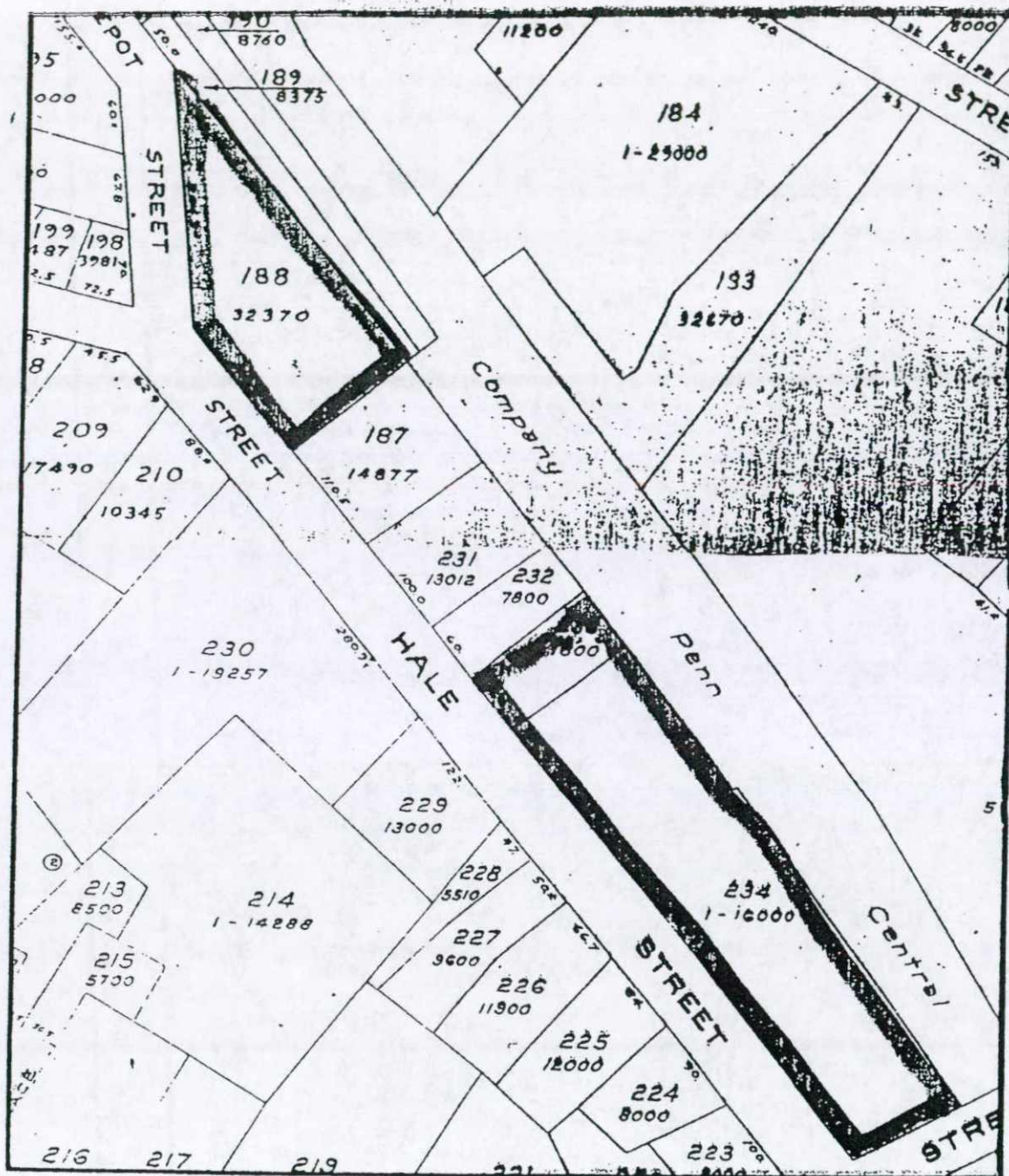
PROJ. NO. 5194RH10

CK'D BY: AMD

DATE: 2/9/90

FIG. NO. 1





N

Plan taken  
from  
Bridgewater  
Assessors  
Maps 34 and 21

# **LOT LOCATION PLAN** **106 HALE STREET - BRIDGEWATER, MA**

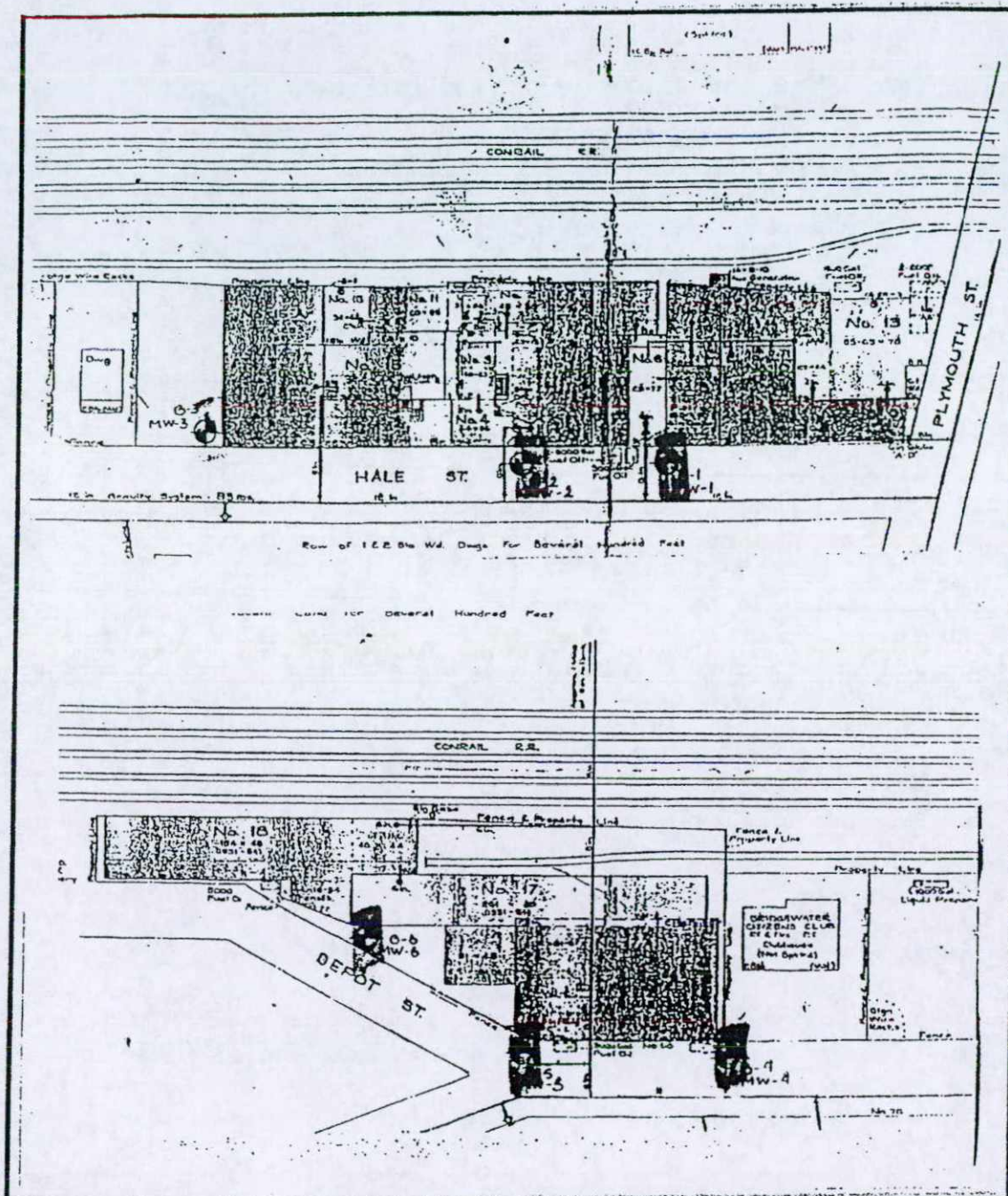


**BRIGGS ASSOCIATES, INC.**  
400 HINGHAM STREET  
ROCKLAND, MASSACHUSETTS




|             |              |                    |
|-------------|--------------|--------------------|
| DR. BY: KAF | SCALE: NTS   | PROJ. NO. 5194RI10 |
| CKD BY: AMD | DATE: 2/9/90 | FIG. NO. 2         |





# LEGEND

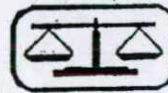
 Test Boring/  
Monitoring Well

N

## TEST BORING-MONITORING WELL LOCATION PLAN 106 HALE STREET - BRIDGEWATER, MA



**BRIGGS ASSOCIATES, INC.**  
 400 HINGHAM STREET  
 ROCKLAND, MASSACHUSETTS



DR. BY: KAF

SCALE: NTS

PROJ. NO. 5194MA10

CK'D BY: AMD

DATE: 3/13/91

FIG. NO. 3



BRIGGS ASSOCIATES, INC.  
400 HINGHAM STREET  
ROCKLAND, MA 02370  
(617) 871-6040

CLIENT NAME: W.H. MAZE  
SAMPLE TYPE: SOIL  
SAMPLE DATE: 2/13/90  
DATE RECEIVED: 2/15/90

PROJECT NUMBER: 5194  
REPORT DATE: 3/07/90  
COLLECTED BY: BRIGGS

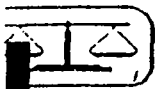
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|                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|
| SAMPLE NUMBER:   | 10472A           | 10472F           | 10472G           |
| SAMPLE LOCATION: | B-5 SS-1<br>GRAB | B-3 SS-2<br>GRAB | B-2 SS-4<br>GRAB |

---

| PARAMETER | RESULTS IN MG/KG<br>(DRY WT) |       |       |
|-----------|------------------------------|-------|-------|
| ARSENIC   | 3.4                          | 2.6   | 0.7   |
| BARIUM    | 54                           | <10   | <10   |
| CADMIUM   | 1.6                          | <0.5  | <0.5  |
| CHROMIUM  | 27.6                         | 3.6   | 3.5   |
| LEAD      | 230                          | <2.5  | <2.5  |
| MERCURY   | 0.09                         | 0.01  | <0.01 |
| SELENIUM  | <0.25                        | <0.25 | <0.25 |
| SILVER    | <1.0                         | <1.0  | <1.0  |





# PHOTOIONIZATION DETECTOR FIELD DATA SHEET

SUBJECT NO. 5194RI

PAGE 1 OF 3

SUBJECT Independent Hall

DATE 2/13/90

LOCATION Bridgewater, MA

INSPECTOR J.A. Curtis

## VIBRATION:

TIME: 6:15

ZERO READING: 4.6/0.1

INSPECTOR'S INITIALS JAC

SPAN READING: 3.8/101

| LOCATION | SAMPLE NO. | DEPTH | BACKGROUND<br>READING | SAMPLE<br>READING | ACTUAL<br>LEVEL |
|----------|------------|-------|-----------------------|-------------------|-----------------|
| 5        | SS1        | 0-2   | 0.1                   | 40.1              | 40.0            |
|          | SS1A       | 0-2   | 0.0                   | 60.6              | 60.6            |
|          | SS2        | 5-7   | 0.0                   | 6.3               | 6.3             |
|          | SS2A       | 5-7   | 0.1                   | 5.9               | 5.9             |
|          | SS3        | 10-12 | 0                     | 2.4               | 2.4             |
|          | SS3A       | 10-12 | 0                     | 1.4               | 1.4             |
|          | SS1        | 0-2   | 0.3                   | 1.9               | 1.6             |
|          | SS2        | 5-7   | 0.2                   | 0.9               | 1.7             |
|          | SS3        | 10-12 | 0.5                   | 2.1               | 1.6             |
|          | SS4        | 15-17 | 0.2                   | 2.1               | 1.9             |
|          | SS4A       | 15-17 | 0.4                   | 2.9               | 2.5             |
| 11       | SS1        | 0-2   | 0.0                   | 6.9               | 6.9             |
|          | SS2        | 5-7   | 0.9                   | 5.3               | 4.4             |
|          | SS3        | 10-12 | 0.3                   | 1.8               | 1.5             |
|          | SS4        | 15-17 | 0.9                   | 1.2               | 0.7             |
|          | SS4A       |       | 0.0                   | 1.1               | 1.1             |



# PHOTOIONIZATION DETECTOR FIELD DATA SHEET

PROJECT NO. 5194RI PAGE 2 OF 3  
PROJECT Independent Nail DATE 2/12/90  
LOCATION Bridgewater, MA INSPECTOR J.A. Curtiss

## ALIBRATION:

TIME: 5:25 ZERO READING: 3.6/0.3  
INSPECTORS INITIALS JAC SPAN READING: 3.6/100.2

| LOCATION | SAMPLE NO. | DEPTH | BACKGROUND READING | SAMPLE READING | ACTUAL LEVEL |
|----------|------------|-------|--------------------|----------------|--------------|
| B2       | SS1        | 0-2   | 1.9                | 11.2           | 9.9          |
|          | SS1A       |       | 2.4                | 8.0            | 5.6          |
|          | SS2        | 5-7   | 1.1                | 22.8           | 21.7         |
|          | SS2A       |       | .9                 | 10.4           | 9.5          |
|          | SS3        | 10-12 | 1.8                | 20.3           | 18.5         |
|          | SS3A       |       | .9                 | 20.4           | 19.5         |
|          | SS4        | 15-17 | 3                  | 28.1           | 27.8         |
|          | SS4A       |       | -0.3               | 18.4           | 18.1         |
| B3       | SS1        | 0-2   | 0                  | 1.9            | 1.9          |
|          | SS1A       |       | 0                  | 1.3            | 1.3          |
|          | SS2        | 5-7   | 0                  | 2.0            | 2.0          |
|          | SS2A       |       | .3                 | 1.9            | 1.6          |
|          | SS3        | 5-7   | .4                 | 2.8            | 2.4          |
|          | SS3A       | 10-12 | .7                 | 5.6            | 4.9          |
| B6       | SS1        | 0-2   | 0                  | 5.4            | 5.4          |
|          | SS1A       |       | .4                 | 2.2            | 1.8          |



PAGE 3 OF 3.

DATE 2/12/90

INSPECTOR J.A. Curtis

TIME: 10AM

ZERO READING: 5-0.1

SPAN READING: 3.5-99.4

[illegible]

BRIGGS ASSOCIATES, INC  
400 HINGHAM STREET  
ROCKLAND, MA 02370  
(517) 871-6040

CLIENT NAME: W.H. MAZE  
SAMPLE TYPE: SOIL  
SAMPLE DATE: 2/13/90  
DATE RECEIVED: 2/15/90

PROJECT NUMBER: 5194  
REPORT DATE: 3/07/90  
COLLECTED BY: BRIGGS

| SAMPLE<br>NUMBER | SAMPLE<br>LOCATION     | TOTAL PETROLEUM<br>HYDROCARBONS<br>IN MG/KG (DRY WT.) | PH<br>(S.U.) | CYANIDE TOTAL<br>MG/KG<br>(DRY WT.) |
|------------------|------------------------|---|--------------|-------------------------------------|
| 10472A           | B-5 SS-1 GRAB          | ---   | 7.4          | 3.5                                 |
| 10472B           | B-5 SS-1 & SS-1A COMP. | 950   | ---          | ---                                 |
| 10472C           | B-4 SS-4 GRAB          | <25   | ---          | ---                                 |
| 10472D           | B-6 SS-2 GRAB          | 270   | ---          | ---                                 |
| 10472E           | B-1 SS-2 GRAB          | ---   | 7.1          | 1.8                                 |
| 10472F           | B-3 SS-2 GRAB          | <25   | 6.0          | <1.0                                |
| 10472G           | B-2 SS-4 GRAB          | 60  | ---          | ---                                 |

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ROCKLAND, MA 02370  
(617) 871-6040

VOLATILE ORGANICS ANALYSIS  
EPA METHOD 624/8240

CLIENT NAME: W.H. MAZE  
SAMPLE TYPE: SOIL  
SAMPLE DATE: 2/13/90  
DATE RECEIVED: 2/15/90

PROJECT NUMBER: 5194  
DATE OF ANALYSIS: 3/01/90  
DATE OF REPORT: 3/07/90  
COLLECTED BY: BRIGGS

SAMPLE NUMBER: 10472B  
SAMPLE LOCATION: B-5 SS-1 & SS-1A  
COMPOSITE

10472D  
B-6 SS-2  
GRAB

| PARAMETERS                | RESULTS IN UG/KG<br>(PPB) |    |
|---------------------------|---------------------------|----|
| Acrolein                  | ND                        | ND |
| Acrylonitrile             | ND                        | ND |
| 2-Chloroethylvinylether   | ND                        | ND |
| Chloromethane             | ND                        | ND |
| Bromomethane              | ND                        | ND |
| Vinyl Chloride            | ND                        | ND |
| Chloroethane              | ND                        | ND |
| Methylene Chloride        | ND                        | ND |
| Trichlorofluoromethane    | ND                        | ND |
| 1,1-Dichloroethene        | ND                        | ND |
| 1,1-Dichloroethane        | ND                        | ND |
| 1,2-Dichloroethene        | ND                        | ND |
| Chloroform                | ND                        | ND |
| 1,2-Dichloroethane        | ND                        | ND |
| 1,1,1-Trichloroethane     | ND                        | ND |
| Carbontetrachloride       | ND                        | ND |
| Bromodichloromethane      | ND                        | ND |
| 1,2-Dichloropropane       | ND                        | ND |
| c,t-1,3-Dichloropropene   | ND                        | ND |
| Trichloroethene           | ND                        | ND |
| Dibromochloromethane      | ND                        | ND |
| Benzene                   | ND                        | ND |
| t-1,3-Dichloropropene     | ND                        | ND |
| 1,1,2-Trichloroethane     | ND                        | ND |
| Bromoform                 | ND                        | ND |
| Tetrachloroethene         | ND                        | ND |
| 1,1,2,2-Tetrachloroethane | ND                        | ND |
| Toluene                   | ND                        | ND |
| Chlorobenzene             | ND                        | ND |
| Ethylbenzene              | ND                        | ND |
| Xylenes                   | 215                       | ND |
| 1,3-Dichlorobenzene       | ND                        | ND |
| 1,2-Dichlorobenzene       | ND                        | ND |
| 1,4-Dichlorobenzene       | ND                        | ND |

ND - NOT DETECTED

DETECTION LIMIT

50 UG/KG

\* Analysis performed by Water Control Laboratories of Hopkinton, MA.

\*\* U.S. EPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.



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ROCKLAND, MA 02370  
(617) 871-6040

VOLATILE ORGANICS ANALYSIS  
EPA METHOD 624/8240

CLIENT NAME: W.H. MAZE  
SAMPLE TYPE: SOIL  
SAMPLE DATE: 2/13/90  
DATE RECEIVED: 2/15/90

PROJECT NUMBER: 5194  
DATE OF ANALYSIS: 3/01/90  
DATE OF REPORT: 3/07/90  
COLLECTED BY: BRIGGS

|                  |                  |                  |
|------------------|------------------|------------------|
| SAMPLE NUMBER:   | 10472F           | 10472G           |
| SAMPLE LOCATION: | B-3 SS-2<br>GRAB | B-2 SS-4<br>GRAB |

| PARAMETERS                | RESULTS IN UG/KG<br>(PPB) |    |
|---------------------------|---------------------------|----|
| Acrolein                  | ND                        | ND |
| Acrylonitrile             | ND                        | ND |
| 2-Chloroethylvinylether   | ND                        | ND |
| Chloromethane             | ND                        | ND |
| Bromomethane              | ND                        | ND |
| Vinyl Chloride            | ND                        | ND |
| Chloroethane              | ND                        | ND |
| Methylene Chloride        | ND                        | ND |
| Trichlorofluoromethane    | ND                        | ND |
| 1,1-Dichloroethene        | ND                        | ND |
| 1,1-Dichloroethane        | ND                        | ND |
| 1,2-Dichloroethene        | ND                        | ND |
| Chloroform                | ND                        | ND |
| 1,2-Dichloroethane        | ND                        | ND |
| 1,1,1-Trichloroethane     | ND                        | ND |
| Carbontetrachloride       | ND                        | ND |
| Bromodichloromethane      | ND                        | ND |
| 1,2-Dichloropropane       | ND                        | ND |
| c,t-1,3-Dichloropropene   | ND                        | ND |
| Trichloroethene           | ND                        | ND |
| Dibromochloromethane      | ND                        | ND |
| Benzene                   | ND                        | ND |
| t-1,3-Dichloropropene     | ND                        | ND |
| 1,1,2-Trichloroethane     | ND                        | ND |
| Bromoform                 | ND                        | ND |
| Tetrachloroethene         | ND                        | ND |
| 1,1,2,2-Tetrachloroethane | ND                        | ND |
| Toluene                   | ND                        | ND |
| Chlorobenzene             | ND                        | ND |
| Ethylbenzene              | ND                        | ND |
| Xylenes                   | ND                        | ND |
| 1,3-Dichlorobenzene       | ND                        | ND |
| 1,2-Dichlorobenzene       | ND                        | ND |
| 1,4-Dichlorobenzene       | ND                        | ND |

ND = NOT DETECTED

DETECTION LIMIT

50 UG/KG

\* Analysis performed by Water Control Laboratories of Hopkinton, MA.

\*\* U.S. EPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

BRIGGS ASSOCIATES LABORATORY  
400 HINGHAM STREET  
ROCKLAND, MA 02370

LABORATORY INFORMATION

LABORATORY CERTIFICATION STATUS  
Expires April 15, 1990

PRIMARY PARAMETERS AND CATEGORIES

FULL CERTIFICATION: Trace Metals, Nitrate, Fluoride, Trihalomethanes,  
Corrosivity Series, Sodium

PROVISIONAL CERTIFICATION: Pesticides, Volatile Organics

SECONDARY PARAMETERS AND CATEGORIES

FULL CERTIFICATION: Metals, Minerals, Nutrients, Demand,  
PCB, Pesticides, Volatile Halocarbons, Volatile  
Aromatics, Cyanide, Oil & Grease, Phenolics

PROVISIONAL CERTIFICATION: None at present

All analyses were performed within required holding times, in  
accordance with EPA protocols and using accepted QA/QC procedures.  
The information contained in this report is, to the best of my  
knowledge, accurate and complete.

12

# SUMMARY OF ANALYTICAL METHODS

| PARAMETERS    | METHOD REFERENCE                   | DESCRIPTION       |
|---------------|------------------------------------|-------------------|
| <u>Metals</u> |                                    | <u>Instrument</u> |
| As            | Method 206.2 (1)                   | Furnace AAS       |
| Ba            | Method 208.1 (1)                   | Flame AAS         |
| Cu            | Method 220.1 (1)                   | Flame AAS         |
| Zn            | Method 289.1 (1)                   | Flame AAS         |
| Cd            | Method 213.1 (1)                   | Flame AAS         |
| Cr            | Method 218.1 (1)                   | Flame AAS         |
| Pb            | Method 239.1 (1)                   | Flame AAS         |
| Hg            | Method 245.1 (1) Manual Cold Vapor | AAS               |
| Se            | Method 270.2 (1)                   | Furnace AAS       |
| Ag            | Method 272.1 (1)                   | Flame AAS         |
| Ni            | Method 249.1 (1)                   | Flame AAS         |
| Sb            | Method 204.1 (1)                   | Flame AAS         |
| Be            | Method 210.1 (1)                   | Flame AAS         |
| Tl            | Method 279.1 (1)                   | Flame AAS         |
| Na            | Method 273.1 (1)                   | Flame AAS         |

## Volatile Organic Compounds

Water/Soil EPA Method 624 (2)/8240 (4) GC/MS

## Polychlorinated Biphenyls

Water/Soil EPA Method 608 (2)/8080 (4) GC/ECD

## Total Petroleum Hydrocarbons

Water: Standard Methods 503A & 503E (5) Gravimetric  
Soil: Standard Methods 503D and 503E (5) Gravimetric

## Oil and Grease

Water: Standard Methods 503A (5) Gravimetric  
Soil: Standard Methods 503D (5) Gravimetric

## Semi Volatile Organic Compounds

Water/Soil: EPA Method 625 (2) /8270 (4) GC/MS

- (1) U.S. EPA, 1979. Methods for Chemical Analysis of Water and Waste., Cincinnati, Ohio.
- (2) U.S. EPA, 1982. Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater., Cincinnati, Ohio.
- (3) U.S. EPA, 1979. Interim Methods for the Analysis of Elemental Priority Pollutants in Sludge., Cincinnati, Ohio.
- (4) U.S. EPA, 1986. Test Methods for Evaluating Solid Waste., Office of Solid Waste and Emergency Response, Washington, D.C.
- (5) Standard Methods for the Examination of Water and Wastewater. 1985.

#### QC/QA STATEMENT

All samples received by this laboratory are logged in only after proper chain of custody information is received by the lab personnel from the field sampling personnel or the client delivery person. Chain of custody documents are kept with the laboratory data sheets until such time as the data sheets become part of the permanent project file. Samples are kept for one month if until protocol permits or until the client deems they are no longer needed. Hazardous samples are either returned to the client with chain of custody documentation or disposed of by a licensed disposal firm.

All the data included in this report was produced by procedures described in "Standard Methods for Examination of Water and Wastewater" or EPA approved methodology. All raw data was collected and placed in individual analysts' notebooks before being transferred to final data sheets and subsequently onto final report forms. Each individual analytical instrument is standardized with standard chemicals traceable to the National Bureau of Standards. Standards are run at the commencement of each individual parameter run and after each set of six samples and at the end of each run. In the case of the Gas Chromatograph/Mass Spectrometer, the instrument is autotuned prior to running any sample or standard. The autotuning must fall within specified limits before any analysis may proceed. Each chemical identified by the mass spectrometer during a run is quantified only after the appropriate standards. All sample results are calculated using linear regression (least square approximation) standard calibration lines or curves.

All sample data is checked by the designated QA/QC person and further checked by the laboratory manager before being distributed for publication.

**BRIGGS**



400 Hingham Street, P. O. Box 369, Rockland, MA 02370-0369 (617) 871-6040

**FINAL REPORT**

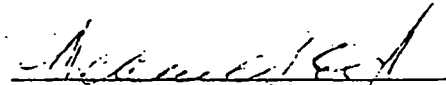
PREPARED FOR: Independent Nail

PROJECT NUMBER: 5194

SAMPLE NUMBER: 12053

DATE PREPARED: March 11, 1991

APPROVED BY:

  
Leanne E.S. Cobb  
Laboratory Manager



BRIGGS ASSOCIATES, INC.  
400 HINGHAM STREET  
ROCKLAND, MA. 02370  
(617) 871-6040

CLIENT NAME: INDEPENDANT NAIL CO. PROJECT NUMBER: 5194  
SAMPLE TYPE: GROUNDWATER REPORT DATE: 3/11/91  
SAMPLE DATE: 2/20/91 COLLECTED BY: BRIGGS  
DATE RECEIVED: 2/21/91

| SAMPLE<br>NUMBER | SAMPLE<br>LOCATION | pH<br>(S.U.) | TOTAL PETROLEUM<br>HYDROCARBONS<br>IN MG/L | CYANIDE<br>TOTAL<br>IN MG/L |
|------------------|--------------------|--------------|--|-----------------------------|
| 12053A           | MW-4               | ---          | <5   | ---                         |
| 12053B           | MW-3               | 6.1          | <5   | <0.04                       |
| 12053C           | MW-3               | ---          | 17   | ---                         |
| 12053D           | MW-1               | 6.1          | <5   | <0.04                       |
| 12053E           | MW-4 DUPE          | ---          | <5   | ---                         |

ANALYST/DATE OF ANALYSIS C.W. 2/21 T.O. 3/7 C.W. 2/22

METHOD REFERENCE:

|                              |           |                               |
|------------------------------|-----------|-------------------------------|
| pH                           | 150.1 (1) | Electrometric                 |
| Total Petroleum Hydrocarbons | 418.1 (1) | Freon Extraction, Gravimetric |
| Cyanide Total                | 4500F (2) | Distillation, Ion Electrode   |

1. U.S. EPA 1983. "Methods for Chemical Analysis of Water and Wastes." EPA-600/4-79-020, EPA, EMSL, Cincinnati, OH.
2. APHA-AWWA-WPCF "Standard Methods for the Examination of Water and Wastewater", 1989, 17th edition.

BRIGGS ASSOCIATES, INC.  
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(617) 871-6040

|                |                  |                 |         |
|----------------|------------------|-----------------|---------|
| CLIENT NAME:   | INDEPENDANT NAIL | PROJECT NUMBER: | 5194    |
| SAMPLE TYPE:   | GROUNDWATER      | REPORT DATE:    | 3/11/91 |
| SAMPLE DATE:   | 2/20/91          | COLLECTED BY:   | BRIGGS  |
| DATE RECEIVED: | 2/21/91          |                 |         |

PRIORITY POLLUTANTS

|                  |        |        |                  |
|------------------|--------|--------|------------------|
| SAMPLE NUMBER:   | 12053B | 12053D | ANALYST/         |
| SAMPLE LOCATION: | MW-3   | MW-1   | DATE OF ANALYSIS |

| PARAMETER | RESULTS IN MG/L |         |           |
|-----------|-----------------|---------|-----------|
| ANTIMONY  | <0.01           | <0.01   | R.F. 3/8  |
| ARSENIC   | <0.005          | <0.005  | R.F. 2/22 |
| BERYLLIUM | <0.01           | <0.01   | J.W. 3/7  |
| CADMIUM   | <0.002          | <0.002  | J.W. 2/27 |
| CHROMIUM  | <0.02           | <0.02   | J.W. 2/22 |
| COPPER    | <0.02           | <0.02   | J.W. 3/8  |
| LEAD      | <0.005          | <0.005  | J.W. 2/26 |
| MERCURY   | <0.0002         | <0.0002 | J.W. 2/21 |
| NICKEL    | <0.02           | 0.02    | J.W. 3/7  |
| SELENIUM  | <0.005          | <0.005  | J.W. 2/22 |
| SILVER    | <0.02           | <0.02   | J.W. 2/22 |
| THALLIUM  | <0.01           | <0.01   | R.F. 3/7  |
| ZINC      | 0.09            | 0.18    | J.W. 3/8  |
| BARIUM    | <0.2            | 0.2     | J.W. 2/22 |

BRIGGS ASSOCIATES, INC.  
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VOLATILE ORGANICS ANALYSIS  
EPA METHOD 624/8240

|                |                  |                   |         |
|----------------|------------------|-------------------|---------|
| CLIENT NAME:   | INDEPENDANT NAIL | PROJECT NUMBER:   | 5194    |
| SAMPLE TYPE:   | GROUNDWATER      | DATE OF ANALYSIS: | 2/27/91 |
| SAMPLE DATE:   | 2/20/91          | DATE OF REPORT:   | 3/11/91 |
| DATE RECEIVED: | 2/21/91          | COLLECTED BY:     | BRIGGS  |

|                  |        |        |        |        |              |
|------------------|--------|--------|--------|--------|--------------|
| SAMPLE NUMBER:   | 12053A | 12053B | 12053C | 12053D | 12053E       |
| SAMPLE LOCATION: | MW-4   | MW-3   | MW-2   | MW-1   | MW-4<br>DUPE |

PARAMETERS

RESULTS IN UG/L  
(PPB)

|                           |    |    |    |     |    |
|---------------------------|----|----|----|-----|----|
| Acrolein                  | ND | ND | ND | ND  | ND |
| Acrylonitrile             | ND | ND | ND | ND  | ND |
| 2-Chloroethylvinylether   | ND | ND | ND | ND  | ND |
| Chloromethane             | ND | ND | ND | ND  | ND |
| Bromomethane              | ND | ND | ND | ND  | ND |
| Vinyl Chloride            | ND | ND | ND | ND  | ND |
| Chloroethane              | ND | ND | ND | ND  | ND |
| Methylene Chloride        | ND | ND | ND | ND  | ND |
| Trichlorofluoromethane    | ND | ND | ND | ND  | ND |
| 1,1-Dichloroethene        | ND | ND | ND | ND  | ND |
| 1,1-Dichloroethane        | ND | ND | ND | ND  | ND |
| 1,2-Dichloroethene        | ND | ND | ND | ND  | ND |
| Chloroform                | ND | ND | ND | ND  | ND |
| 1,2-Dichloroethane        | ND | ND | ND | ND  | ND |
| 1,1,1-Trichloroethane     | ND | ND | ND | 1.8 | ND |
| Carbontetrachloride       | ND | ND | ND | ND  | ND |
| Bromodichloromethane      | ND | ND | ND | ND  | ND |
| 1,2-Dichloropropane       | ND | ND | ND | ND  | ND |
| c-1,3-Dichloropropene     | ND | ND | ND | ND  | ND |
| Trichloroethene           | ND | ND | ND | ND  | ND |
| Dibromochloromethane      | ND | ND | ND | ND  | ND |
| Benzene                   | ND | ND | ND | ND  | ND |
| t-1,3-Dichloropropene     | ND | ND | ND | ND  | ND |
| 1,1,2-Trichloroethane     | ND | ND | ND | ND  | ND |
| Bromoform                 | ND | ND | ND | ND  | ND |
| Tetrachloroethene         | ND | ND | ND | ND  | ND |
| 1,1,2,2-Tetrachloroethane | ND | ND | ND | ND  | ND |
| Toluene                   | ND | ND | ND | ND  | ND |
| Chlorobenzene             | ND | ND | ND | ND  | ND |
| Ethylbenzene              | ND | ND | ND | ND  | ND |
| Xylenes                   | ND | ND | ND | ND  | ND |
| 1,3-Dichlorobenzene       | ND | ND | ND | ND  | ND |
| 1,2-Dichlorobenzene       | ND | ND | ND | ND  | ND |
| 1,4-Dichlorobenzene       | ND | ND | ND | ND  | ND |

ND = NOT DETECTED

DETECTION LIMIT

1.0 ug/l

\* Estimated value, below quantitation limit.

\*\* U.S. EPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

\*\*\* Analyzed by R.F.

BRIGGS ASSOCIATES, INC.  
400 HINGHAM STREET  
ROCKLAND, MA 02370  
(617) 871-6040

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Method Reference:

|          |           |                            |
|----------|-----------|----------------------------|
| Antimony | 204.2 (1) | Atomic Absorption, Furnace |
| Arsenic  | 206.2 (1) | Atomic Absorption, Furnace |
| Cadmium  | 213.2 (1) | Atomic Absorption, Furnace |
| Chromium | 218.1 (1) | Atomic Absorption, Flame   |
| Copper   | 220.1 (1) | Atomic Absorption, Flame   |
| Lead     | 239.2 (1) | Atomic Absorption, Furnace |
| Mercury  | 245.1 (1) | Manual Cold Vapor          |
| Nickel   | 249.1 (1) | Atomic Absorption, Flame   |
| Selenium | 270.2 (1) | Atomic Absorption, Furnace |
| Silver   | 272.1 (1) | Atomic Absorption, Flame   |
| Thallium | 279.1 (1) | Atomic Absorption, Flame   |
| Zinc     | 289.1 (1) | Atomic Absorption, Flame   |
| Barium   | 208.1 (1) | Atomic Absorption, Flame   |

- 
1. U.S. EPA 1983. "Methods for Chemical Analysis of Water and Wastes." EPA-600/4-79-020, U.S. EPA, Environmental Monitoring and Support Laboratory, Cincinnati, OH, March 1983.

BRIGGS ASSOCIATES, INC.  
400 HINGHAM STREET  
ROCKLAND, MA 02370  
(617) 871-6040

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Method Reference:

|          |           |                            |
|----------|-----------|----------------------------|
| Antimony | 204.2 (1) | Atomic Absorption, Furnace |
| Arsenic  | 206.2 (1) | Atomic Absorption, Furnace |
| Cadmium  | 213.2 (1) | Atomic Absorption, Furnace |
| Chromium | 218.1 (1) | Atomic Absorption, Flame   |
| Copper   | 220.1 (1) | Atomic Absorption, Flame   |
| Lead     | 239.2 (1) | Atomic Absorption, Furnace |
| Mercury  | 245.1 (1) | Manual Cold Vapor          |
| Nickel   | 249.1 (1) | Atomic Absorption, Flame   |
| Selenium | 270.2 (1) | Atomic Absorption, Furnace |
| Silver   | 272.1 (1) | Atomic Absorption, Flame   |
| Thallium | 279.1 (1) | Atomic Absorption, Flame   |
| Zinc     | 289.1 (1) | Atomic Absorption, Flame   |
| Barium   | 208.1 (1) | Atomic Absorption, Flame   |

- 
1. U.S. EPA 1983. "Methods for Chemical Analysis of Water and Wastes." EPA-600/4-79-020, U.S. EPA, Environmental Monitoring and Support Laboratory, Cincinnati, OH, March 1983.



BRIGGS ASSOCIATES LABORATORY  
400 HINGHAM STREET  
ROCKLAND, MA 02370

LABORATORY INFORMATION

LABORATORY CERTIFICATION STATUS

Expires December 31, 1991

PRIMARY PARAMETERS AND CATEGORIES

FULL CERTIFICATION: Trace Metals, Nitrate, Fluoride, Pesticides,  
Trihalomethanes, Volatile Organics, Corrosivity  
Series, Sodium,

PROVISIONAL CERTIFICATION: None at present

SECONDARY PARAMETERS AND CATEGORIES

FULL CERTIFICATION: Metals, Minerals, Nutrients, Demand, PCB,  
Pesticides, Volatile Halocarbons, Volatile Aromatics,  
Cyanide, Phenolics

PROVISIONAL CERTIFICATION: Oil & Grease

All analyses were performed within required holding times, in accordance with EPA protocols and using accepted QA/QC procedures. The information contained in this report is, to the best of my knowledge, accurate and complete.

# SUMMARY OF ANALYTICAL METHODS

| PARAMETERS                             | METHOD REFERENCE  | DESCRIPTION           |
|--|---|-----------------------|
| <u>Metals</u>                          |   | <u>Instrument</u>     |
| As                                     | Method 206.2 (1)  | Furnace AAS           |
| Ba                                     | Method 208.1 (1)  | Flame AAS             |
| Cu                                     | Method 220.1 (1)  | Flame AAS             |
| Zn                                     | Method 289.1 (1)  | Flame AAS             |
| Cd                                     | Method 213.1 (1)  | Flame AAS             |
| Cr                                     | Method 218.1 (1)  | Flame AAS             |
| Pb                                     | Method 239.1 (1)  | Flame AAS             |
| Hg                                     | Method 245.1 (1)  | Manual Cold Vapor AAS |
| Se                                     | Method 270.2 (1)  | Furnace AAS           |
| Ag                                     | Method 272.1 (1)  | Flame AAS             |
| Ni                                     | Method 249.1 (1)  | Flame AAS             |
| Sb                                     | Method 204.1 (1)  | Flame AAS             |
| Be                                     | Method 210.1 (1)  | Flame AAS             |
| Tl                                     | Method 279.1 (1)  | Flame AAS             |
| Na                                     | Method 273.1 (1)  | Flame AAS             |
| <u>Volatile Organic Compounds</u>      |   |                       |
| Water/Soil                             | EPA Method 624 (2)/8240 (4)   | GC/MS                 |
| <u>Polychlorinated Biphenyls</u>       |   |                       |
| Water/Soil                             | EPA Method 608 (2)/8080 (4)   | GC/ECD                |
| <u>Total Petroleum Hydrocarbons</u>    |   |                       |
| Water:                                 | Standard Methods 503A & 503E (5)  | Gravimetric           |
| Soil:                                  | Standard Methods 503D and 503E (5)  | Gravimetric           |
| <u>Oil and Grease</u>                  |   |                       |
| Water:                                 | Standard Methods 503A (5)   | Gravimetric           |
| Soil:                                  | Standard Methods 503D (5)   | Gravimetric           |
| <u>Semi Volatile Organic Compounds</u> |   |                       |
| Water/Soil:                            | EPA Method 625 (2) /8270 (4)  | GC/MS                 |
| (1)                                    | U.S. EPA, 1979. <u>Methods for Chemical Analysis of Water and Waste</u> , Cincinnati, Ohio.                                     |                       |
| (2)                                    | U.S. EPA, 1982. <u>Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater</u> , Cincinnati, Ohio.         |                       |
| (3)                                    | U.S. EPA, 1979. <u>Interim Methods for the Analysis of Elemental Priority Pollutants in Sludge</u> , Cincinnati, Ohio.          |                       |
| (4)                                    | U.S. EPA, 1986. <u>Test Methods for Evaluating Solid Waste</u> , Office of Solid Waste and Emergency Response, Washington, D.C. |                       |
| (5)                                    | Standard Methods for the Examination of Water and Wastewater. 1985.   |                       |

#### QC/QA STATEMENT

All samples received by this laboratory are logged in only after proper chain of custody information is received by the lab personnel from the field sampling personnel or the client delivery person. Chain of custody documents are kept with the laboratory data sheets until such time as the data sheets become part of the permanent project file. Samples are kept for one month if until protocol permits or until the client deems they are no longer needed. Hazardous samples are either returned to the client with chain of custody documentation or disposed of by a licensed disposal firm.

All the data included in this report was produced by procedures described in "Standard Methods for Examination of Water and Wastewater" or EPA approved methodology. All raw data was collected and placed in individual analysts' notebooks before being transferred to final data sheets and subsequently onto final report forms. Each individual analytical instrument is standardized with standard chemicals traceable to the National Bureau of Standards. Standards are run at the commencement of each individual parameter run and after each set of six samples and at the end of each run. In the case of the Gas Chromatograph/Mass Spectrometer, the instrument is autotuned prior to running any sample or standard. The autotuning must fall within specified limits before any analysis may proceed. Each chemical identified by the mass spectrometer during a run is quantified only after the appropriate standards. All sample results are calculated using linear regression (least square approximation) standard calibration lines or curves.

All sample data is checked by the designated QA/QC person and further checked by the laboratory manager before being distributed for publication.