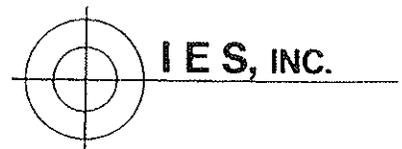
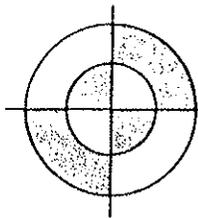


Preliminary Site Assessment

343-349 Summer Street  
Somerville, MA

Project #702-238  
April 19, 2002





**IES, INC.**

**ENVIRONMENTAL CONSULTANTS**

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April 19, 2002

Mr. Terry Morris  
Emerald Development  
103 Morse Street  
Watertown, MA 02172

Re: IES Project No. 702-238  
Preliminary Site Assessment  
343-349 Summer Street  
Somerville, MA

Dear Mr. Morris:

As requested, and in accordance with the Terms of our Contract, IES, Inc. has conducted a Preliminary Site Assessment (PSA) relative to the above referenced property. The purpose of this Preliminary Report is to address the likelihood of a release or threat of release of oil or hazardous materials at the subject site.

The following is our **Executive Summary**, which details the major findings of the report:

1. In March and April of 2002, IES conducted a Preliminary Site Assessment (PSA) at the subject site. This (PSA) consisted of a historical review, a site inspection, and research of State and local files.
2. The site comprises a total area of 16,799 square feet of land, and is currently occupied by a small concrete foundation capped with a steel grate, which is used as an MBTA underground venting system. It should be noted that the MBTA Redline Subway train currently runs underneath the subject site.
3. In the late 1800's and early 1900, the site was occupied by "milk lab" and a wagon shed. In 1917, a 40-car repair garage was constructed at the site (at 349 Summer Street), with an addition to the garage in the 1920's (at 345 Summer Street). Three residences were also constructed in the 1920's on the southwestern portion of the site, by Summer Street. These structures remained at the site until 1979, when they were razed for construction of the Red Line subway system, which runs underneath the site.
4. Potential on-site sources of contamination identified during this investigation include that fact that the site was occupied by a 40-car garage from approximately 1917 until 1979. In

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IES OF MASSACHUSETTS: 265 MEDFORD ST. • SOMERVILLE, MA 02143 • (617) 623-8880

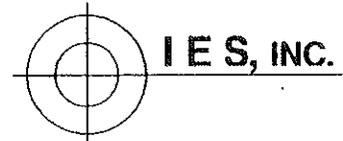
IES OF NEW HAMPSHIRE: 460 WEST MAIN STREET • HILLSBOROUGH, NH 03244 • (603) 641-6173

IES OF NEW YORK: 10 DICKERSON AVENUE • BAYVILLE, NY 11709 • (516) 420-9518



addition, a permit was issued for the site in 1979 for the removal of a 4,000-gallon gasoline UST. No additional information was available regarding the removal of the tank, such as confirmatory analytical work indicating the absence of contamination from the tank. According to records on file at the Somerville City Clerk's office, a permit was issued to Mr. Edward Kendall for a 500-gallon UST. The permit was renewed every year until 1978, one year prior to when the buildings at the site were razed. Automotive related fluids were most likely used during the sites use as an automotive repair facility from approximately the 1920's until 1979. Finally, permits issued for the site revealed that fuel oil was stored in 275-gallon above ground tanks located in the basements of the residential dwellings at the site.

5. At the time of the inspection, there was no evidence of a release of oil or hazardous materials observed on the exterior portions of the subject site. In addition, there have been no DEP/EPA or municipal investigations listed at the site, and the site is not listed as a RCRA hazardous waste generator.
6. Potential off-site sources of contamination identified during this investigation include the DEP documented spill at 371 Summer Street (N85-0866), which is located approximately 150 feet to the northwest of the site. This spill involved the release of 200-300 gallons of #2 fuel oil on November 13, 1985. No additional information was available at the DEP regarding this spill, and therefore, due to the proximity and unknown nature of this release, it is considered to pose a potential threat of contamination to the subject site. In addition, due to the proximity and presence of VPH contamination in the groundwater at the property located at 201-203 Elm Street (RTN 3-0149), which is located approximately 400 feet to the northwest of the site, it is also considered to pose a potential threat of contamination to the subject site. Finally, due to the proximity of the USTs located at 355, 371, and 377-379 Summer Street, as well as 187 Elm Street, they are also considered to pose a potential threat of contamination to the subject site.
7. Due to the distance and/or downgradient location of the remaining DEP Disposal Sites, spills, CERCLIS, NPL Sites, and RCRA Generators identified during this investigation, they are also not considered to pose a potential threat of contamination to the subject site.
8. Due to the interpretation of the data above, and the interpretation of the remainder of the information detailed in this report, potential on-site and off-site sources of contamination were identified during this investigation. Therefore, IES recommends that a Subsurface Investigation Program be performed at the site, in order to determine if soil or groundwater contamination is present at the site from these potential sources. However, no soil or groundwater testing was included in the approved scope of work for this project.
9. As a result, IES cannot comment on the impact that the potential off-site sources of contamination mentioned above and/or in this report, may have on this site. Therefore, IES cannot conclusively determine the environmental status of the site pursuant to the Massachusetts Contingency Plan (310 CMR 40.0300), and M.G.L. Chapter 21E, at this time.



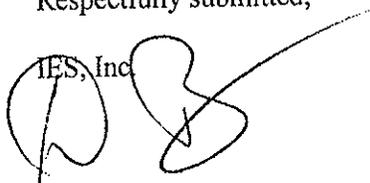
10. In addition, due to the potential on-site and off-site sources of contamination previously identified in this report, it is our opinion that in accordance with IES's "Risk Rating", which is depicted in Attachment "AA", IES would classify the subject site as a "High Risk".

Furthermore, if additional data becomes available, or related quantitative or qualitative analysis is performed, IES should review the material to determine if the conclusions in this report should be modified.

IES is pleased to have been of service to you and should you have any questions about this report, please do not hesitate to contact our office.

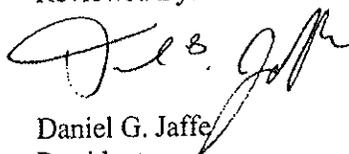
Respectfully submitted,

IES, Inc

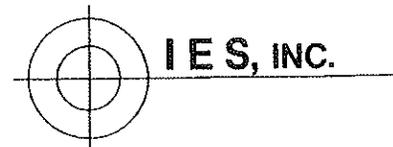


David Brincheiro  
Staff Hydrogeologist

Reviewed By:



Daniel G. Jaffe  
President



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**SECTION I  
SITE SPECIFICS**

**A. Site Description**

**Site Location:** 343-349 Summer Street  
Somerville, MA

**County:** Middlesex

**Site Owner:** MBTA  
50 High Street  
Boston, MA 02110

**Zoning:** CBD-"Central Business District"

**Map/Block/Lot:** 25/D/33

**USGS Topographic Quadrangle:** Boston North

The site consists of three, adjoining, irregularly shaped parcels of land, located at 343, 345 and 349 Summer Street in Somerville, MA. The site is located in Davis Square in a mixed residential and commercial area in the southwest portion of Somerville. The site is situated approximately 500 feet northeast of the Cambridge City Line, and is zoned CBD "Central Business District". The nearest body of surface water is the Mystic River, which is located approximately 1.2 miles to the northeast of the subject site, and Somerville City Hall is located approximately one mile to the east of the subject site.

According to the USGS Boston North, MA Quadrangle Map, the site is situated approximately 26 feet (8 meters) above mean sea level, as shown in **Figure 1, Attachment "A"** of this Report. The site is also identified on the City of Somerville Assessor's Map #25, as Lots #33, #34 and #35, as shown in **Figure 2, Attachment "A"**.

The site comprises a total area of 16,799 square feet of land, and is currently occupied by a small concrete foundation capped with a steel grate, which is used as an MBTA underground venting system (see **Photograph #1 in Attachment "A"**). It should be noted that the MBTA Red Line subway train currently runs underneath the subject site.

In the late 1800's and early 1900's, the site was occupied by "milk lab" and a wagon shed". In 1917, a 40-car repair garage was constructed at the site (at 349 Summer Street), with an addition to the garage in the 1920's (at 345 Summer Street). Two residences were also constructed in the 1920's on the southwestern portion of the site, by Summer Street. These structures remained at the site until 1979, when they were razed for construction of the Red Line subway system, which runs underneath the site.

There are no structures present at the site. The former buildings at the site were serviced by municipal water and sewer, which entered the property from Summer Street.

#### **B. Inspection of Site**

An inspection of the site was conducted by IES on March 18 and April 1, 2002. Due to the fact that there are no structure present, the inspection was limited to the exterior portions of the site.

An inspection of the exterior portion of the site revealed that a concrete foundation (vent system) covers approximately 10 percent of the 16,799 square foot area of the property. The remaining 90 percent of the site is grass covered, and there are no other structures present. One electrical transformer was noted ten feet west of property, on the sidewalk, in front of lot 35 (349 Summer Street). No visual oil staining was noted and the transformer appeared to be in good condition. There was no evidence of any standing water, stressed vegetation, oil staining, or obvious disposal of oil or hazardous materials, on the exterior portions of the property. Finally, there was no evidence of any above ground storage tanks, 55-gallon drums, oil or hazardous material storage, and no evidence of any existing underground storage tanks (i.e., fill or vent pipes), other than the MBTA venting system.

There was no evidence of surface water on the site. In addition, the majority of the site appears to be located in "Zone C", an area of minimal flooding, according to the Federal Emergency Management Agency (Community Panel #250214 0001 B).

### **C. Past Uses Of Site And Adjacent Areas**

A review of public records and conversations with public officials was conducted by IES at the City of Somerville municipal offices on March 25 and April 4, 2002. In addition, several historical atlases were viewed at the Massachusetts State House Library, in order to determine historical use of the site and surrounding area. Please see **Attachment "B"** for a summary of information sources and references.

In the late 1800's and early 1900, the site was occupied by "milk lab" and a wagon shed. In 1917, a 40-car repair garage was constructed at the site (349 Summer Street), with an addition to the garage in the 1920's (345 Summer Street). Two residences were also constructed in the 1920's on the southwestern portion of the site, by Summer Street. These structures remained at the site until 1979, when they were razed for construction of the redline subway system, which runs underneath the site.

The site is abutted to the northeast by Summer Street, and the area further to the northeast is occupied by residential dwellings located along Summer Street and Elston Street. The area to the northeast of the site has been occupied by residential dwellings since the area was developed in the early 1900's.

The site is abutted to the southeast by Summer Street, and the area further to the southeast is also occupied by residential dwellings located along Summer Street (see **Photograph #2 in Attachment "A"**). The area to the southeast of the site has been occupied by residential dwellings since the area was developed in the early 1900's.

The site is abutted to the south by a social club and associated parking lot (Veterans of Foreign Wars) at 355 Summer Street. The area further to the south of the site is occupied by a bank

(Winter Hill Bank) (see **Photograph #3 in Attachment "A"**). The area abutting the site to the south has been occupied by the VFW since at least the 1960's, and the area further to the south has been occupied by a bank since the early 1900's.

The site is abutted to the northwest by residential properties located along Summer Street and Hawthorne Street (see **Photograph #4 in Attachment "A"**), and the area further to the northwest is also occupied by residential dwellings. The area to the northwest of the site has been occupied by residential dwellings since the area was developed in the early 1900's.

The remaining properties further to the northeast and beyond the abutting residence are occupied by residential properties, and these properties have occupied this area since at least the early 1900's.

There was no evidence of any underground storage, such as fill or vent pipes, observed at any nearby property, as viewed from the site and public ways. In addition, no gasoline filling stations were noted in the immediate vicinity of the site.

#### **D. Environmental Inspections/Studies**

##### **1. Asbestos Inspection**

An inspection for asbestos was not within the approved Scope of Work for this project, and as a result, an inspection for asbestos containing materials was not performed. .

##### **2. Lead Paint Inspection**

An inspection for Lead-based paint was not within the approved Scope of Work for this project, and as a result, an inspection was not performed. .

##### **3. Previous Environmental Studies**

An "ASTM Transaction Screen" was performed by IES, Inc. at the site in March of 2002 (Project #702-238). The report included a site inspection, a DEP database search, and a review of Sanborn atlases.

Based on information detailed in the March 2002 report, potential on-site sources of contamination identified at the subject site included the documented 40-car capacity automotive repair garage and an underground storage tank depicted on the 1933, 1934 and 1950 Sanborn Atlases.

Potential-off site sources of contamination included a release of #2 fuel oil at 371 Summer Street (N85-0866), which is located approximately 100 feet to the northwest of the site. According to the DEP, 200-300 gallons of #2 fuel oil was released on November 13, 1985. Due to lack of information and proximity of this release, it was considered to pose a potential threat of contamination to subject site. In addition, the property to the northwest of the site at 351 Summer Street was occupied by a filling station and automotive repair garage with three underground storage tanks containing gasoline. These USTs were depicted on Sanborn Atlases dated 1933 and 1950. In addition, due to the unknown nature of the UST related releases at 363 Highland Avenue (N89-1463/3-2711 and N90-1418/3-3711), which is located approximately 500 feet to the northeast of the site, they are considered to pose a potential threat of contamination to the subject site.

IES, Inc. completed an "ASTM Transaction Screen" at the subject site in January of 2001 (IES Project #701-132). Potential on-site sources of contamination identified during the 2001 investigation included the documented 40-car capacity automotive repair garage and the documented underground storage tank at the site. In addition, one electrical transformer was noted at 349 Summer Street (lot #35).

Potential-off site sources of contamination identified included a release of #2 fuel oil at 371 Summer Street (N85-0866), which is located approximately 100 feet to the northwest of the site. A spill of 200-300 gallons of #2 fuel oil was released at this property on November 13, 1985. Due to the unknown nature of this release, it was considered to pose a potential threat of contamination to subject site. In addition, the property to the northwest of the site, at 351 Summer Street, was occupied by a gasoline station and automotive repair garage with three documented underground storage tanks (UST) containing gasoline.

Finally, the UST related releases at 363 Highland Avenue (N89-1463/3-2711 and N90-1418/3-3711), which is located approximately 500 feet to the northeast of the site, were considered to pose a potential threat of contamination to the subject site.

IES, Inc completed a "ASTM Screen/Limited Assessment" report for the property at 371 Summer Street in September of 1998 (798-305). This property is located approximately 100 feet to the northwest of subject site, and potential on-site sources of contamination identified by IES included the documented spill of fuel oil at that property (N85-0866).

In addition, IES completed a "Preliminary Site Assessment" report for the property at 199 Elm Street (797-134) in March of 1997. This property is located approximately 300 feet to the west of the site. Potential off-site sources of contamination identified by IES included the former Texaco Station at 201-203 Elm Street (RTN 3-0149), and the past underground storage at 187, 191, 201-203, and 214 Elm Street, 377 and 381 Summer Street, and the southeast abutting property at 341 Summer Street.

#### 4. Environmental FirstSearch Report

An "Environmental FirstSearch Report" was prepared by Datamap Technology Corporation, of Dedham, MA. The report identifies all NPL and CERCLIS listed sites, and RCRA TSD's, and Hazardous Waste Generators within a 1.0 mile radius of the site. In addition, the database search includes properties listed by the Massachusetts Department of Environmental Protection (DEP) as Transition Sites or as spills of oil and/or hazardous materials. Information contained within the FirstSearch report is summarized in the following Section II, and a copy of the report is included in Attachment "B" of this report.

**SECTION II**  
**REGULATORY AGENCY FILE REVIEW**

**A. EPA File Review**

The CERCLIS database published on December 28, 2000 by the USEPA, the RCRA Hazardous Waste Generator's List; and the EPA's National Priority List (NPL) for the State of Massachusetts were reviewed for nearby EPA investigations.

These sources revealed that the site is not listed on the CERCLIS or NPL databases. In addition, there are no NPL listed sites located within a one-mile radius of the subject site. However, there is one CERCLIS listed property documented within a 0.5 miles radius of the site. The "Beacon Printing and Ink" facility (MA0002274819) is located approximately 0.20 miles to the northeast of the site, at 84 Winslow Avenue. However, due to the distance this CERCLIS site not considered to pose a significant threat of contamination to subject site

The subject site is not included on the EPA's RCRA Hazardous Waste Generators Database. However, there are five (5) RCRA hazardous waste generators located within a 0.25-mile radius of the site, as summarized in the following Table 1:

**Table 1**  
**Summary of Nearby RCRA Generators**

Address (Name)	EPA ID #	Status	Distance/ Direction
53 Russell Street (Macs Auto Body)	MAD073814329	NLR	0.10 miles/ Northwest
44 Russell Street (C & C Speed & Repair)	MAD125312306	VGN	0.18 miles/ Southwest
84 Winslow Avenue (Beacon Printing)	MAR000008573	VGN	0.20 miles/ Northeast
48 Grove Street (Perini Corporation)	MAD981288887	NLR	0.21 miles/ Northwest
	MAD991289000	NLR	0.21 miles/ Northwest
Notes: VGN = Very Small Quantity Generator (<100 kg/month) NLR = No Longer Regulated			

The nearest RCRA Generator is the "Mac's Auto Body" facility (MAD073814329), which is located approximately 0.10 miles to the northwest of the subject site, at 53 Russell Street. This facility is currently listed as "No Longer Regulated" (NLR), and due to the distance is not considered to pose a potential threat of contamination to the subject site. In addition, due to the distance of the remaining RCRA Generators listed in Table 1, they are also not considered to pose a significant environmental threat of contamination to the subject site.

#### **B. DEP File Review**

A file review was performed at the Department of Environmental Protection's Northeast Regional Office (DEP-NEO) in Wilmington, MA. The review consisted of an inspection of Site Assessment and Emergency Response files regarding oil and hazardous material spills or incidents; the MassGIS/BWSC "Priority Resource Maps"; the DEP's 1998 "Transition List of Confirmed Disposal Sites and Locations To Be Investigated" and the June 1998 "Final Addendum Report"; and the DEP's "Standard Release Report" for releases after October 1, 1993.

The subject site is not included in the DEP's Spills/Releases Database. However, the DEP's Spills/Releases Database revealed that a total of twenty (20) spills were identified within a 0.25-mile radius of the subject site. The spills located within a 0.15-mile radius of the site are summarized in the following Table 2:

**Table 2**  
**Summary of Nearby Spills/Releases**

Spill Name Address	Material/ Quantity	Date Spill #	Source	Distance/ Direction
Property 371 Summer Street	#2 fuel oil/ 200-300 gallons	11-13-85/ N85-0866	Unknown	150 feet/ Northwest
Somerset Paper Co. 363 Highland Avenue	Misc. Oil/ Unknown	08/24/89 N89-1463	UST	0.10 miles/ Northeast
	Gasoline/ Unknown	08/27/90 N90-1418	UST	
Service Station 371 Highland Avenue	Gasoline/ 30 gallons	10-6-97/ 3-15597	Pipe	0.11 miles/ Northeast
Gas Station 208 Elm Street	Gasoline/ None	06/06/88 N88-0814	UST	0.11 miles/ Southwest
Ming Toy Restaurant 212-214 Elm Street	Oil/ Unknown	10-15-88/ 3-1198	Unknown	0.13 miles/ Northwest

The spill at 371 Summer Street (N85-0866), which is located approximately 150 feet to the northwest of the site, involved the release of 200-300 gallons of #2 fuel oil on November 13, 1985. No additional information was available at the DEP regarding this spill, and therefore, due to the proximity and unknown nature of this release, it is considered to pose a potential threat of contamination to the subject site.

"Response Action Outcome" (RAO) Statements have been received by the DEP for the spills at 371 Highland Avenue (RTN 3-15597) and 212-214 Elm Street (RTN 3-1198), and therefore, due to the RAO status and distance, they are not considered to pose a potential threat of contamination to the subject site.

Due to the distance, downgradient location and/or minor nature of the remaining spills listed in Table 2 are also not considered to pose a significant threat of contamination to the subject site.

The subject site is not listed as a DEP Disposal Site. However, there are a total of eleven (11) DEP listed Disposal Sites or Recent Releases noted within a 0.5-mile radius of the subject site. The DEP Disposal Sites identified within a 0.20-mile radius of the subject site are summarized in the following Table 3:

**Table 3**  
**Summary of Nearby DEP Disposal Sites/Releases**

RTN	Site Name Address	Status	Distance/ Direction
3-0149	Texaco Station (FMR) 201-203 Elm Street	DEF Tier 1B	400 feet/ Northwest
3-1562	Best Petroleum 208 Elm Street	NFA	0.11 miles/ Southwest
3-20351	Property 115 Willow Avenue	Preclassified	0.18 miles/ Northeast

NFA = No Further Action required by the DEP

The property located at 201-203 Elm Street (RTN 3-0149), a former Texaco station, is listed a Default Tier 1B Disposal Site. This property was first listed as a "Location to be Investigated" (LBTI) on January 15, 1987. According to a "Phase I Initial Site Investigation" report prepared for this property by Geological Field Services, Inc. (GFS), and dated June 11, 1999, a Texaco gasoline station operated at this property from 1947 until 1985. According to GFS, previously site assessments were conducted at this property by Goldberg-Zoino & Associates (GZA) in 1985, and Groundwater Technology in 1986. Both reports concluded that "significant levels of VOCs has been released from the 3,000 and 2,000-gallon capacity USTs and from spillage near the tanks and the pump island", according to GFS.

According to GFS, seven borings were advanced at this property. Groundwater and soil samples were collected and analyzed for total RCRA 8 Metals, Volatile Organic Compounds (VOCs), Volatile Petroleum Hydrocarbons (VPH), and Extractable Petroleum Hydrocarbons (EPH). Laboratory results indicated that no metals, VOCs, EPH or PAHs were detected above Method 1 Cleanup Standards in the three soil samples. However, VPH was detected in several soil samples above the applicable Method 1 S-3/GW-2 and GW-3 Clean up Standards. In addition, VPH was also detected above Method 1 GW-2 and GW-3 Standards in all three monitoring wells installed.

The report concluded that "Comprehensive Response Actions" are necessary at the disposal site", and Tier Classification should be undertaken by the Responsible Parties. Due to the proximity and presence of VPH contamination in the groundwater at this property, it is considered to pose a potential threat of contamination to subject site.

Due to distance and/or "NFA" status of the remaining DEP Disposal sites listed in Table 3, they are not anticipated to pose a significant threat of contamination to the subject site.

The remaining DEP Disposal Sites are located at a distance of 0.24-miles or greater, and are also not considered to pose a potential threat of contamination to the subject site.

According to the BWSC Priority Resource Map for the Boston North, MA Quadrangle, the site is not located in a Potentially Productive Aquifer, IWPA, or DEP approved Zone II. Finally there are no municipal or private drinking water supplies or other sensitive resources identified within 0.5 miles of the site, other than the Mystic River, which is located approximately 1.2 miles to the northeast of the subject site. However, it should be noted that critical habitat and wetlands were not delineated as part of this investigation.

### **C. Local Municipal Offices**

Mr. Harold Vaughan, of the City of Somerville Board of Health, was contacted for records of spills, or incidents at the site and nearby properties. Inquiries regarding spills and releases of oil and hazardous materials were referred to the DEP in Wilmington, Massachusetts. Mr. Vaughan indicated that there are no records on file regarding the subject site. In addition, there were no private water supplies or landfills located in the area of the subject site.

Ms. Jenneen Pagliaro of the Somerville City Clerk's Office was contacted for records of flammable licenses at the site and nearby properties. Ms. Pagliaro stated that she was unaware of any spills in the area of the subject site. Inquiries regarding spills and releases of oil and hazardous materials were referred to the DEP in Wilmington, Massachusetts. However, Ms. Pagliaro provided copies of underground storage at the site and surrounding area.

Ms. Joanne Dolan, of the Somerville Department of Public Works was contacted relative to municipal drinking water supplies and resources in the City of Somerville. According to Ms. Dolan, the site and surrounding properties are serviced by municipal water and sewer. Water for

the city of Somerville is supplied by the Massachusetts Water Resources Authority (MWRA) from the Quabbin Reservoir, which is located in western Massachusetts.

The Fire Prevention Bureau, of the Somerville Fire Department, was contacted relative to underground storage tanks installations/removals, spills, and investigations at the site and surrounding area. Available information regarding underground storage is summarized in the following Section III.A.

**SECTION III**  
**SOURCES OF OIL AND HAZARDOUS MATERIALS**

**A. Past and Present Storage**

A review of public records was conducted by IES at the City of Somerville Clerk's Office and Building Department to obtain information regarding underground storage at the site and surrounding area. The Fire Prevention Bureau, of the Somerville Fire Department, was also contacted, and as previously mentioned, will provide information relative to underground storage in the area.

There are no oils or hazardous materials currently stored at the site. According to records on file at the City Clerks office, a permit was issued to Mr. Edward Kendall for a 500-gallon UST. The permit was renewed every year until 1978, one year prior to when the buildings at the site were razed. In addition, a permit was issued for the site in 1979 for the removal of a 4,000-gallon gasoline UST. No additional information was available regarding the removal of the tank, such as analytical work performed during the removal. Automotive related fluids were most likely used during the sites use as an automotive repair facility from approximately the 1920's until 1979. Finally, permits issued for the site revealed that fuel oil was stored in 275-gallon above ground tanks located in the basements of the residential dwellings at the site.

Oil and hazardous materials are and have been stored at several properties in the vicinity of the subject site. Underground storage documented within a 0.20 miles radius of the site is summarized in the following Table 4:

**Table 4  
Summary of Registered Underground Storage Tanks**

Name/ Address	Capacity (gallons)	Contents	Installed	Status	Distance/ Direction
Property 349 Summer Street	4,000	Gasoline	1920's	Removed 1979	Subject Site
E.F. Treffren 355 Summer Street	500	Gasoline	5-22	Unknown	250 feet/ Northwest
	1,500		7-31		
Property (187 Elm Street)	500	Fuel oil	3-46	Removed 10-70	350 feet/ Southwest
	500	Kerosene			
Highland Trust Company 371 Summer Street	2,000	Fuel oil	12-32	Unknown	325 feet/ Northwest
Jenney Manufacturing 377-379 Summer Street	4,000	Gasoline	7-27	Unknown	425 feet/ Northwest
	6,000		12-31		
	1,500	Lube Oil			
Fred Hubbard'S Gulf 371 Highland Avenue	275	Waste oil	1/1/87	In use	0.11 miles/ Northeast
	6000	Gasoline	6/1/88		
	5000				
	4,000				
Best Petroleum Co Inc. 208 Elm Street	(3) 4000	Gasoline	5/5/70	Removed	0.11 miles/ Southwest
	Unknown	Unknown	Unknown	Removed	

Due to the former presence of two USTs documented at the subject site, with no documented analytical results regarding the condition of the soil in the area of the tanks, they are considered to pose a potential threat of contamination to the subject site. Due to the proximity of the majority of the remaining USTs listed in Table 4, they are also considered to pose a potential threat of contamination to the subject site. Due to the distance and/or down gradient location of the USTs located at 371 Highland Avenue and 208 Elm Street, they are not considered to pose a significant threat of contamination to the site.

The remaining registered UST facilities are situated at a distance of 0.21 miles or greater, and are not considered to pose a significant threat of contamination to the subject site.

#### **B. Waste Generation And Disposal**

There are no structures present at the site, and therefore, there are no hazardous wastes or domestic wastes generated at the site at this time. Previously, hazardous waste generated at the site most likely included waste oil, waste antifreeze, and automotive related fluids from the

1920's until the 1970's when the rear portion of the site was occupied by an automobile repair facility. Domestic wastes generated at the surrounding properties are disposed of into the municipal sewer system. As mentioned previously in Section II.A, the nearest RCRA Generator is the "Mac's Auto Body" facility (MAD073814329), which is located approximately 0.10 miles to the northwest of the subject site, at 53 Russell Street. This facility is currently listed as "No Longer Regulated" (NLR), and due to the distance is not considered to pose a potential threat of contamination to the subject site.

### **C. Potential Sources And Receptors**

Potential sources and receptors of oil and hazardous materials, both on and surrounding the site, have been investigated as part of this environmental site assessment. This information was provided by an inspection of the site by IES, a review of public records at Somerville and Braintree Public Offices, a review of DEP files, and conversations with local public officials.

Potential on-site sources of contamination identified during this investigation include that fact that the site was occupied by a 40-car repair garage from approximately 1917 until 1979. In addition, a permit was issued for the site in 1979 for the removal of a 4,000-gallon gasoline UST. No additional information was available regarding the removal of the tank, such as confirmatory analytical work indicating the absence of contamination from the tank. According to records on file at the City Clerks office, a permit was issued to Mr. Edward Kendall for a 500-gallon UST. The permit was renewed every year until 1978, one year prior to when the buildings at the site were razed. Automotive related fluids were most likely used during the sites use as an automotive repair facility from approximately the 1920's until 1979. Finally, permits issued for the site revealed that fuel oil was stored in 275-gallon above ground tanks located in the basements of the residential dwellings at the site.

At the time of the inspection, there was no evidence of a release of oil or hazardous materials observed on the exterior portions of the subject site. In addition, there have been no DEP/EPA or municipal investigations listed at the site, and the site is not listed as a RCRA hazardous waste generator.

Potential off-site sources of contamination identified during this investigation include the spill at 371 Summer Street (N85-0866), which is located approximately 150 feet to the northwest of the site. This spill involved the release of 200-300 gallons of #2 fuel oil on November 13, 1985. No additional information was available at the DEP regarding this spill, and therefore, due to the proximity and unknown nature of this release, it is considered to pose a potential threat of contamination to the subject site. In addition, due to the proximity and presence of VPH contamination in the groundwater at the property located at 201-203 Elm Street (RTN 3-0149), which is located approximately 400 feet to the northwest of the site, it is also considered to pose a potential threat of contamination to the subject site. Finally, due to the proximity of the USTs located at 355, 371, and 377-379 Summer Street, as well as 187 Elm Street, they are also considered to pose a potential threat of contamination to the subject site.

Due to the distance and/or downgradient location of the remaining DEP Disposal Sites, spills, CERCLIS, NPL Sites, and RCRA Generators identified during this investigation, they are also not considered to pose a potential threat of contamination to the subject site.

Potential nearby human receptors are limited to visitors to the subject site, as well as residents and occupants of the surrounding dwellings and businesses. There are no sensitive environmental receptors identified at the subject site. Potential off-site environmental receptors are limited to the Mystic River, which is located approximately 1.2 miles to the northeast of the subject site.

## SECTION IV SUBSURFACE INVESTIGATION

### A. Site Geology/Hydrology

The actual bedrock geology at the site was not identified during this investigation. However, according to the "Bedrock Geologic Map of Massachusetts" (Zen, 1983), the site is located in the Boston Basin Formation. Bedrock in the region has been classified as Cambridge Argillite (Proterozoic Z).

The surficial geology at the site was not observed, as no subsurface testing program was performed as part of this investigation.

The site is located in the Mystic River Drainage Basin. No surface water was noted on the site, and nearby surface water consists of the Mystic River, which is located approximately 1.2 miles to the northeast of the subject site. Based on the topography of the surrounding area, groundwater flow in the area of the site appears to flow to the northeast. However, actual groundwater elevations and potential flow directions have not been determined at this time, and local variations may exist.

### B. Soil & Groundwater Sampling And Analysis

A subsurface test boring and soil sampling program was not performed as part of this investigation. As a result, no soil or groundwater samples were collected.

### C. Soil Sample Screening Results

A subsurface exploration program was not within the approved scope of work for this project, and therefore, a soil and groundwater sampling and analysis program was not performed as part of this investigation.

**D. Magnetometer Survey**

A magnetometer survey was not within the approved scope of work for this investigation, therefore, a magnetometer survey was not performed.

**SECTION V**  
**CONCLUSIONS AND RECOMMENDATIONS**

**A. Inspection/Investigative Conclusions**

In March and April of 2002, IES conducted a Preliminary Site Assessment (PSA) at the subject site. This (PSA) consisted of a historical review, a site inspection, and research of State and local files.

The site comprises a total area of 16,799 square feet of land, and is currently occupied by a small concrete foundation capped with a steel grate, which is used as an MBTA underground venting system. It should be noted that the MBTA Redline Subway train currently runs underneath the subject site.

In the late 1800's and early 1900, the site was occupied by "milk lab" and a wagon shed. In 1917, a 40-car repair garage was constructed at the site (at 349 Summer Street), with an addition to the garage in the 1920's (at 345 Summer Street). Three residences were also constructed in the 1920's on the southwestern portion of the site, by Summer Street. These structures remained at the site until 1979, when they were razed for construction of the Red Line subway system, which runs underneath the site.

Potential on-site sources of contamination identified during this investigation include that fact that the site was occupied by a 40-car garage from approximately 1917 until 1979. In addition, a permit was issued for the site in 1979 for the removal of a 4,000-gallon gasoline UST. No additional information was available regarding the removal of the tank, such as confirmatory analytical work indicating the absence of contamination from the tank. According to records on file at the Somerville City Clerk's office, a permit was issued to Mr. Edward Kendall for a 500-gallon UST. The permit was renewed every year until 1978, one year prior to when the buildings at the site were razed. Automotive related fluids were most likely used during the sites use as an automotive repair facility from approximately the 1920's until 1979. Finally, permits

issued for the site revealed that fuel oil was stored in 275-gallon above ground tanks located in the basements of the residential dwellings at the site.

At the time of the inspection, there was no evidence of a release of oil or hazardous materials observed on the exterior portions of the subject site. In addition, there have been no DEP/EPA or municipal investigations listed at the site, and the site is not listed as a RCRA hazardous waste generator.

Potential off-site sources of contamination identified during this investigation include the DEP documented spill at 371 Summer Street (N85-0866), which is located approximately 150 feet to the northwest of the site. This spill involved the release of 200-300 gallons of #2 fuel oil on November 13, 1985. No additional information was available at the DEP regarding this spill, and therefore, due to the proximity and unknown nature of this release, it is considered to pose a potential threat of contamination to the subject site. In addition, due to the proximity and presence of VPH contamination in the groundwater at the property located at 201-203 Elm Street (RTN 3-0149), which is located approximately 400 feet to the northwest of the site, it is also considered to pose a potential threat of contamination to the subject site. Finally, due to the proximity of the USTs located at 355, 371, and 377-379 Summer Street, as well as 187 Elm Street, they are also considered to pose a potential threat of contamination to the subject site.

Due to the distance and/or downgradient location of the remaining DEP Disposal Sites, spills, CERCLIS, NPL Sites, and RCRA Generators identified during this investigation, they are also not considered to pose a potential threat of contamination to the subject site.

Due to the interpretation of the data above, and the interpretation of the remainder of the information detailed in this report, potential on-site and off-site sources of contamination were identified during this investigation. Therefore, IES recommends that a Subsurface Investigation Program be performed at the site, in order to determine if soil or groundwater contamination is present at the site from these potential sources. However, no soil or groundwater testing was included in the approved scope of work for this project.

As a result, IES cannot comment on the impact that the potential off-site sources of contamination mentioned above and/or in this report, may have on this site. Therefore, IES cannot conclusively determine the environmental status of the site pursuant to the Massachusetts Contingency Plan (310 CMR 40.0300), and M.G.L. Chapter 21E, at this time.

In addition, due to the potential on-site and off-site sources of contamination previously identified in this report, it is our opinion that in accordance with IES's "Risk Rating", which is depicted in Attachment "AA", IES would classify the subject site as a "High Risk".

Furthermore, if additional data becomes available, or related quantitative or qualitative analysis is performed, IES should review the material to determine if the conclusions in this report should be modified.

#### **B. Recommendations For Further Investigation**

In order to conclusively determine the environmental status of the site pursuant to M.G.L. Chapter 21E and the Massachusetts Contingency Plan (310 CMR 40.0000), it is the recommendation of IES that a Subsurface Testing Program be performed at the site. This investigation should include test borings, soil samples screening, and laboratory testing of groundwater and soil samples. The estimated timeframe for completing the Subsurface Testing Program is approximately three to four weeks, at a cost of approximately \$3,350.00 per day for boring advancement, and \$1,600.00 for laboratory analysis (based on three wells).

In addition, if any contamination is discovered at the subject site, which was found to have originated from an off-site source, the site owner may submit a "Downgradient Property Status Submittal" pursuant to 310 CMR 40.0180. According to 310 CMR 40.0184(1), "any person who establishes and maintains Downgradient Property Status....shall not be subject to the deadlines for Tier Classification and Comprehensive Response Actions" and all applicable fees.

**C. Limitations**

1. The purpose of this Preliminary Site Assessment (PSA) is to address the likelihood of a release or threat of release of oil or hazardous materials at the subject site. The information obtained from sub-contractors, personal interviews, public records, and maps is subject to the personal recollection of those persons interviewed, and the availability and accuracy of the records on file with the State and municipal agencies. IES not be responsible for errors resulting from incorrect information provided by these sources.
2. This report was designed to assess the physical characteristics of the Site with regard to the likelihood of a release or threat of release of oil or hazardous materials and no attempt was made to investigate the regulatory compliance of the Site regarding Federal, State, or Local Laws and Regulations.
3. Our conclusions are based on the contents of this report and are a result of the interpretation of the existing data that was compiled.
4. If additional historical or analytical data becomes available, IES shall reserve the right to review this material to determine if the conclusions in this report are to be modified or updated.
5. IES has not made any attempt to definitively determine any impact that any release or threat of release, from the subject site, has on any surrounding properties nor has IES made any attempt to definitively determine any impact that any release or threat of release, from any surrounding properties, has on this subject site, therefore, if determination of said impacts are required by the Client, and in-depth subsurface exploration program must be undertaken and IES further recommends consultation with an attorney be initiated to determine the potential for liabilities.
6. Any laboratory analysis of samples collected by IES, at or beneath the site, was completed by independent laboratories. Unless otherwise noted in this Report, IES has accepted their data at face value without additional verification. No warranty the analytical results or procedures is expressed or implied by IES. Laboratory analyses are limited to those discussed in the report unless otherwise specified.

7. This Report is only a Preliminary Site Assessment (PSA) and additional work may be required, as defined in the Massachusetts Contingency Plan (MCP 310 CMR 40.0480), in order to complete a Phase I-Initial Site Investigation Report (Phase I Report), and should you desire to proceed with a Phase I Report, a more detailed description of this additional work will be forwarded to you in a subsequent Proposal.
8. The Report produced, in accordance with the aforementioned Scope of Work, is only a Preliminary Site Assessment (PSA) Report, and should this site exhibit a release, additional work may be required, as defined in the Massachusetts Contingency Plan (MCP 310 CMR 40.0480), in order to complete a Phase I-Initial Site Investigation Report (Phase I Report).
9. IES's completion of this project was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same geographical area. IES observed a degree of care and skill generally exercised by other consultants under similar circumstances and conditions. IES's findings and conclusions must be considered not as scientific certainties, but rather as our professional opinion concerning the significance of the limited data gathered during the course of this project. No other warranty, expressed or implied, is made. IES does not and can not represent that the sites does not contain any hazardous substances, contaminants, pollutants, petroleum hydrocarbons, or any other latent conditions beyond that observed by IES during the course of this Project. The conclusions presented in this Report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of the described services or the time and budgetary constraints imposed by the Client.

**ATTACHMENT "AA"**  
**IES Risk Ratings**

**ATTACHMENT "AA"****IES RISK RATINGS**

- **High Risk:** Documented environmental "problems" at the site, at abutting properties, or at nearby up gradient properties, which are considered likely to affect the subject site. Environmental "problems" include documented spills or releases at the site or nearby properties, or visual evidence of a release (staining, stressed vegetation, etc.) at the site. Also, significant potential sources of contamination, including past or existing underground storage tanks at or in the immediate vicinity of the site which have exceeded their expected lifespan; or historical usage of the site or nearby properties likely to lead to contamination (industrial, automotive repair, dry cleaner, etc.), particularly if a dry well or on-site septic system is, or has been, utilized.
- **Moderate Risk:** Documented/observed environmental releases or threats of release at nearby properties that may pose an environmental threat to the site, but where the actual threat could not be conclusively determined. High Risk Businesses may be considered "Moderate Risk" if there is no record of underground storage tanks, no dry wells, and disposal is and has been via the municipal sewer system, rather than an on-site septic system. Also, on-site sources of contamination or releases which have been addressed. For example, an RAO, NFA or comparable status for an on-site release; a satisfactory UST removal report; or relatively new underground tanks, with proper monitoring devices.
- **Low Risk:** No apparent visual or historical evidence to indicate that a release or threat of release would impact the site, either from on-site or off-site sources. Nearby DEP/EPA listed properties are either at a sufficient distance, down gradient location, or minor in nature so as not to pose a significant environmental threat. Minor pavement staining and the presence of cleaning products or above ground tanks in good condition is not necessarily evidence of a release or threat of release.

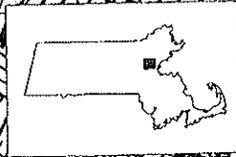
**Please note that the presence or absence of release can not be conclusively determined without the benefit of a subsurface investigation, and therefore, "Low Risk" should not be construed as a conclusive determination of a site which does not exhibit a release.**

The above refers to environmental risks only, and does not address asbestos, lead paint or radon. Financial or liability risks may be dependent on the applicability of a Downgradient Property Status (DPS) submittal.

**ATTACHMENT "A"**  
**FIGURES**



**SITE LOCATION**  
 LATITUDE/LONGITUDE  
 42° 23' 36.10"  
 71° 07' 09"  
 UTM COORDINATES  
 4 695 426 m N  
 325 578 m E



USGS BOSTON NORTH, MA  
 QUADRANGLE  
 343-349 SUMMER STREET  
 SOMERVILLE, MA  
 IES PROJECT # 702-238

APPROXIMATE SCALE

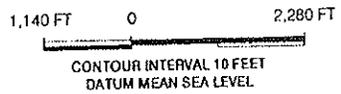
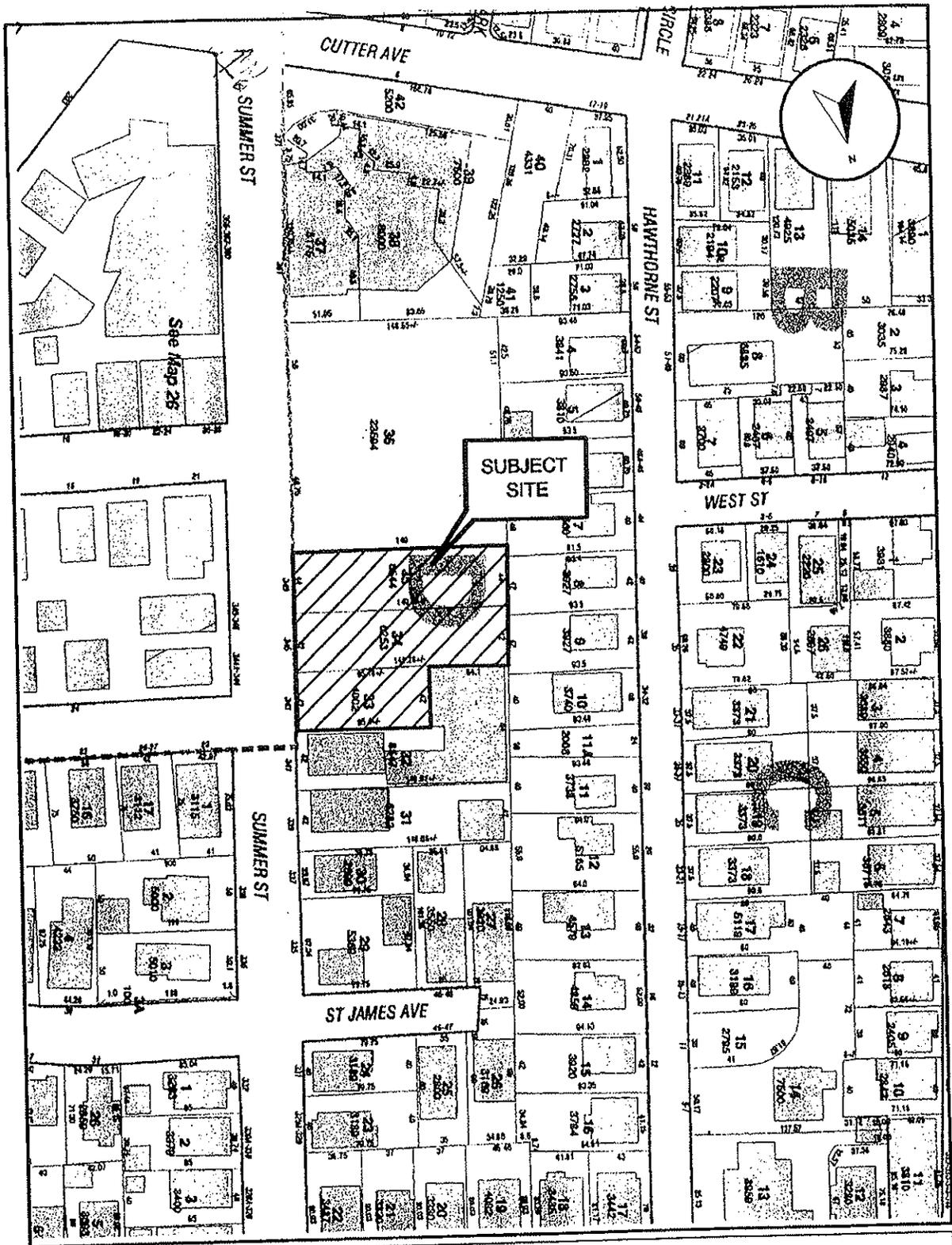


FIGURE 1



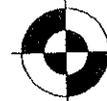


CITY OF SOMERVILLE  
 ASSESSOR'S PLAN #25  
 343-349 SUMMER STREET  
 SOMERVILLE, MA  
 IES PROJECT # 702-238

APPROXIMATE SCALE



FIGURE 2



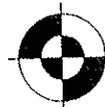
IES, INC.  
 ENVIRONMENTAL CONSULTANTS



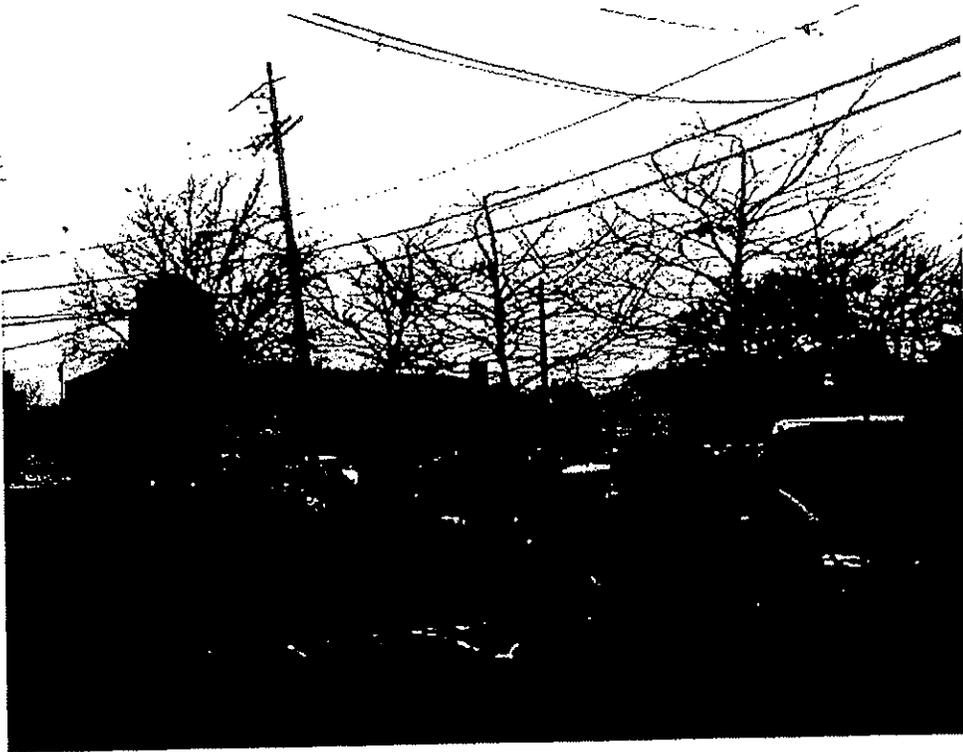
Photograph #1 - View of Subject Site



Photograph #2 - View of Northeasterly Abutters



IES, INC.  
ENVIRONMENTAL CONSULTANTS



Photograph #3 - View of Southeasterly Abutters



Photograph #4 - View of Northwesterly Abutters



IES, INC.  
ENVIRONMENTAL CONSULTANTS

**ATTACHMENT "B"**  
**INFORMATIONAL SOURCES**

**A. Public Information Contacts**

NAME	TITLE	AFFILIATION	TELEPHONE
James Wright	Inspector	Somerville Fire Department	617-623-1700
Mr. Harold Vaughan	Inspector	Somerville Board of Health	617-625-6600
Ms. Joanne DePrizio	Administrator	Somerville Clerk's Office	617-625-6600
Mr. Joseph Foti	Operations	Somerville Department of Public Works	617-625-6600
Ms. Lisa Brukilacchio	Administrator	Somerville Conservation Department	617-776-4160
Ms. Holly Migliacci	File Review	DEP Northeast Regional Office	(781) 932-7600

**B. References**

1. "Bedrock Geologic Map of Massachusetts", E-an Zen, 1983.
2. MassGIS/BWSC "Priority Resource Map", Massachusetts Department of Environmental Protection (DEP) Northeast Regional Office, Wilmington, MA.
3. Emergency Response and Waste Site Cleanup files, Massachusetts Department of Environmental Protection (DEP) Northeast Regional Office, Wilmington, MA.
4. Emergency Response / Waste Site Cleanup files, Massachusetts Department of Environmental Protection (DEP) Northeast Regional Office, Wilmington, MA.
5. USEPA Region I, CERCLIS database (January 9, 2002).
6. USEPA Region I, National Priority List (NPL) (January 9, 2002).
7. USEPA Region I, RCRA Hazardous Waste Generators database
8. Somerville and Braintree Building Departments, Assessor's Offices, Fire Prevention Offices, Health Departments, Clerk's Offices, Assessor's Offices.
9. Sanborn Fire Insurance Atlases of Somerville (1900, 1933, 1934, 1965) Viewed at the Somerville City Hall, Somerville, MA.

# *DataMap Technology Corporation*

## **Environmental FirstSearch™ Report**

TARGET PROPERTY:

343 SUMMER ST

SOMERVILLE MA 02144

Job Number: 702-238

PREPARED FOR:

IES, Inc.

265 Medford Street, Suite 312

Somerville, MA 02143

03-18-02



*Tel: (781) 320-3720*

*Fax: (781) 320-3715*

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Environmental FirstSearch is a registered trademark of DataMap Technology Corporation. All rights reserved.

*Environmental FirstSearch*  
*Search Summary Report*

**Target Site:** 343 SUMMER ST  
SOMERVILLE MA 02144

**FirstSearch Summary**

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2 >	ZIP	TOTALS
NPL	Y	01-09-02	1.00	0	0	0	0	0	0	0
CERCLIS	Y	01-09-02	0.50	0	0	1	0	-	0	1
RCRA TSD	Y	01-14-02	0.50	0	0	0	0	-	0	0
RCRA COR	Y	01-14-02	1.00	0	0	0	0	0	0	0
RCRA GEN	Y	01-14-02	0.25	0	0	2	-	-	0	2
RCRA NLR	Y	01-14-02	0.25	0	1	2	-	-	0	3
ERNS	Y	12-31-00	0.25	0	0	2	-	-	0	2
NPDES	N	01-14-02	0.25	-	-	-	-	-	-	-
FINDS	N	07-08-01	0.25	-	-	-	-	-	-	-
TRIS	N	07-16-98	0.25	-	-	-	-	-	-	-
State Sites	Y	01-16-02	1.00	0	2	2	7	52	0	63
Spills-1990	Y	01-16-02	0.50	0	2	10	21	-	0	33
Spills-1980	Y	03-10-98	0.25	0	3	5	-	-	1	9
SWL	Y	06-01-01	0.50	0	0	0	0	-	0	0
Permits	N	NA	0.25	-	-	-	-	-	-	-
Other	N	NA	0.25	-	-	-	-	-	-	-
REG UST/AST	Y	01-18-02	0.25	0	2	3	-	-	0	5
Leaking UST	N	NA	0.50	-	-	-	-	-	-	-
State Wells	N	09-01-01	0.50	-	-	-	-	-	-	-
Aquifers	N	01-20-99	0.50	-	-	-	-	-	-	-
ACEC	N	01-20-99	0.50	-	-	-	-	-	-	-
Wetlands	N	11-20-00	0.50	-	-	-	-	-	-	-
Floodplains	N	05-13-98	0.50	-	-	-	-	-	-	-
Receptors	Y	01-01-95	0.50	0	0	1	3	-	0	4
Nuclear Permits	N	04-30-99	0.50	-	-	-	-	-	-	-
Historic/Landmark	N	03-08-01	0.50	-	-	-	-	-	-	-
Federal Land Use	N	06-17-98	0.50	-	-	-	-	-	-	-
Federal Wells	N	NA	0.50	-	-	-	-	-	-	-
Releases(Air/Water)	N	01-06-00	0.25	-	-	-	-	-	-	-
- TOTALS -				0	10	28	31	52	1	122

**Notice of Disclaimer**

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

**Waiver of Liability**

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

*Environmental FirstSearch  
Site Information Report*

Request Date: 03-18-02  
Requestor Name: David Brincheiro  
Standard: ASTM

Search Type: COORD  
Job Number: 702-238  
FILTERED REPORT

**Target Address:** 343 SUMMER ST  
SOMERVILLE MA 02144

*Demographics*

<b>Sites:</b> 122	<b>Non-Geocoded:</b> 1	<b>Population:</b> 24876
<b>Radon:</b> 1.2 PCI/L		

*Site Location*

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
<b>Longitude:</b>	-71.119104	-71:7:9	<b>Easting:</b>	325577.623
<b>Latitude:</b>	42.393472	42:23:36	<b>Northing:</b>	4695425.575
			<b>Zone:</b>	19

*Comment*

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

*Additional Requests/Services*

<b>Adjacent ZIP Codes:</b> 0.00 Mile(s)	<b>Services:</b>																																							
<table border="1"> <thead> <tr> <th colspan="5">ZIP</th> </tr> <tr> <th>Code</th> <th>City Name</th> <th>ST</th> <th>Dist/Dir</th> <th>Sel</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	ZIP					Code	City Name	ST	Dist/Dir	Sel						<table border="1"> <thead> <tr> <th></th> <th><u>Requested?</u></th> <th><u>Date</u></th> </tr> </thead> <tbody> <tr> <td>Sanborns</td> <td>N</td> <td></td> </tr> <tr> <td>Aerial Photographs</td> <td>N</td> <td></td> </tr> <tr> <td>Topo Maps (hardcopy)</td> <td>N</td> <td></td> </tr> <tr> <td>City Directories</td> <td>N</td> <td></td> </tr> <tr> <td>Title Search</td> <td>N</td> <td></td> </tr> <tr> <td>Municipal Reports</td> <td>N</td> <td></td> </tr> <tr> <td>Online Topo Map</td> <td>N</td> <td></td> </tr> </tbody> </table>		<u>Requested?</u>	<u>Date</u>	Sanborns	N		Aerial Photographs	N		Topo Maps (hardcopy)	N		City Directories	N		Title Search	N		Municipal Reports	N		Online Topo Map	N	
ZIP																																								
Code	City Name	ST	Dist/Dir	Sel																																				
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Title Search	N																																							
Municipal Reports	N																																							
Online Topo Map	N																																							

## Environmental FirstSearch Sites Summary Report

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

**TOTAL:** 122      **GEOCODED:** 121      **NON GEOCODED:** 1      **SELECTED:** 42

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
1	CERCLIS	BEACON PRINTING AND INK MA0002274819/NOT PROPOSED	84 WINSLOW AVENUE SOMERVILLE MA 02144	0.20 NE	1
7	ERNS	BEACON PRINTING COMPANY 589483/UNKNOWN	80 WINSLOW AVE SOMERVILLE MA 02144	0.20 NE	1
8	ERNS	SUNOCO STATION 174851/FIXED FACILITY	MASS AVE AND HADLEY ST CAMBRIDGE MA 02140	0.25 SW	9
3	RCRAGN	C & C SPEED & REPAIR MAD125312306/VGN	44 RUSSELL ST CAMBRIDGE MA 02140	0.18 SW	4
2	RCRAGN	BEACON PRINTING MAR000008573/VGN	84 WINSLOW AVE SOMERVILLE MA 02144	0.20 NE	1
4	RCRANLR	MACS AUTO BODY INC MAD073814329/NLR	53 RUSSELL ST SOMERVILLE MA 02144	0.10 NW	7
5	RCRANLR	PERINI CORP M B T A CONT 091 MAD991288887/NLR	48 GROVE ST PO BOX 335 SOMERVILLE MA 02144	0.21 NW	8
6	RCRANLR	PERINI CORP M B T A CONT 091 MAD991289000/NLR	GROVE & SUMMER STS SOMERVILLE MA 02144	0.21 NW	8
121	SCHOOL	LOWE SCHOOL 1556	MA	0.21 NW	88
118	SCHOOL	BROWN SCHOOL 1340	MA	0.33 NE	85
120	SCHOOL	HODGKINS SCHOOL 1488	MA	0.49 NW	87
119	SCHOOL	FITZGERALD SCHOOL 1430	MA	0.50 SW	86
63	STATE	TEXACO STATION FMR 3-0000149/TIER 2	201-203 ELM ST SOMERVILLE MA 02144	0.08 NW	56
14	STATE	BEST PETROLEUM 3-0001562/PENDING NFA	208 ELM ST SOMERVILLE MA 02144	0.11 SW	15
19	STATE	CLARENDON AVE 3-0020351/PRECLASSIFIED	115 WILLOW ST SOMERVILLE MA 02144	0.18 NE	20
46	STATE	NO LOCATION AID 3-0010711/TIER 2	2055 MASS AVE CAMBRIDGE MA 02140	0.24 SW	43
56	STATE	NO LOCATION AID 3-0015428/DEF TIER 1B	131 ORCHARD ST SOMERVILLE MA 02144	0.27 NW	51
16	STATE	CAMBRIDGE SAVINGS BANK 3-0004371/TCLASS	1960 MASSACHUSETTS AVE CAMBRIDGE MA 02140	0.27 SW	17
32	STATE	GASOLINE STATION FMR 3-0004124/DEF TIER 1B	290 HIGHLAND AVE SOMERVILLE MA 02144	0.34 SE	31
53	STATE	NO LOCATION AID 3-0014447/TIER 2	7-11 ALPINE ST SOMERVILLE MA 02143	0.43 SE	48

*Environmental FirstSearch  
Sites Summary Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

**TOTAL:** 122      **GEOCODED:** 121      **NON GEOCODED:** 1      **SELECTED:** 42

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
30	STATE	FAULKNER BROTHERS INC 3-0004043/RAO	2 ALPINE ST SOMERVILLE MA 02145	0.45 NE	29
58	STATE	NO LOCATION AID 3-0015056/TIER 2	45 KINGSTON ST SOMERVILLE MA 02144	0.46 NW	53
61	STATE	RICHDALE CONDOMINIUMS 3-0001483/RAO	175 RICHDALE AVE CAMBRIDGE MA 02140	0.48 SW	55
67	STATE	WASTE STORAGE ROOM 3-0013686/RAO	63 GORHAM ST SOMERVILLE MA 02144	0.52 NW	5
13	STATE	BEACON SERVICE CENTER STATION 3-0004432/TIER 2	371 BEACON ST SOMERVILLE MA 02143	0.52 SE	14
47	STATE	NO LOCATION AID 3-0019920/DEF TIER 1B	371 BEACON ST SOMERVILLE MA	0.52 SE	14
28	STATE	CUMBERLAND FARMS CHRISTYS MKT 3-0004676/TCLASS	701 SOMERVILLE AVE SOMERVILLE MA 02143	0.58 SE	27
27	STATE	CRAIG SUPPLY (FMR) 3-0000280/NFA	99 ELMWOOD ST SOMERVILLE MA 02140	0.59 NW	2
52	STATE	NO LOCATION AID 3-0020394/PRECLASSIFIED	620 BROADWAY SOMERVILLE MA 02145	0.61 NE	47
62	STATE	SHELL STATION 3-0001322/TCLASS	620 BROADWAY SOMERVILLE MA 02145	0.61 NE	47
69	STATE	WINCHESTER ST 3-0013932/TIER 2	620 BROADWAY SOMERVILLE MA 02145	0.61 NE	47
24	STATE	CORNER CAMERON AND MASS AVE 3-0020346/PRECLASSIFIED	5 CAMERON AVE CAMBRIDGE MA 02140	0.61 NW	25
25	STATE	CORNER OF CAMERON & MASS AVE 3-0018951/TIER 1C	5 CAMERON AVE CAMBRIDGE MA 02140	0.61 NW	25
26	STATE	CORNER OF DUDLEY ST 3-0020420/PRECLASSIFIED	2366 MASSACHUSETTS AVE CAMBRIDGE MA 02140	0.62 NW	26
41	STATE	KNOX DODGE FMR 3-0004551/TIER 2	643-645 BROADWAY SOMERVILLE MA 02145	0.63 NE	6
50	STATE	NO LOCATION AID 3-0018771/TIER 2	61 CLYDE ST SOMERVILLE MA 02145	0.63 SE	45
17	STATE	CHRISTY S MARKET 3-0004441/DPS	582 BROADWAY SOMERVILLE MA 02145	0.64 NE	18
29	STATE	ERICKSON FUEL CO 3-0004148/RAO	600 BOSTON AVE MEDFORD MA 02155	0.66 NE	28
33	STATE	GULF STA 3-0011077/TIER 2	1725 MASSACHUSETTS AVE CAMBRIDGE MA 02138	0.66 SW	32
34	STATE	GULF STATION #118517 3-0010374/TIER 2	1725 MASSACHUSETTS AVE CAMBRIDGE MA 02138	0.66 SW	32

*Environmental FirstSearch  
Sites Summary Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

**TOTAL:** 122      **GEOCODED:** 121      **NON GEOCODED:** 1      **SELECTED:** 42

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
37	STATE	HILLSIDE AUTOMOTIVE 3-0000620/TIER 2	583 BROADWAY SOMERVILLE MA 02145	0.67 NE	35
43	STATE	NEAR INTERSECTION OF REED & RINDGE 3-0012894/RAO	14 REED ST CAMBRIDGE MA 02140	0.67 NW	40
44	STATE	NEFOR ENG/MANUFACTURING 3-0000274/NFA	1 CAMP ST CAMBRIDGE MA 02140	0.67 NW	41
49	STATE	NO LOCATION AID 3-0017552/TIER 2	259 LOWELL ST SOMERVILLE MA	0.67 SE	44
48	STATE	NO LOCATION AID 3-0017602/TIER 2	259 LOWELL ST SOMERVILLE MA 02143	0.67 SE	44
54	STATE	NO LOCATION AID 3-0018017/DEF TIER 1B	590 BOSTON AVE MEDFORD MA	0.68 NE	49
57	STATE	NO LOCATION AID 3-0014286/RAO	147 SHERMAN ST CAMBRIDGE MA 02140	0.73 SW	52
21	STATE	COMMERCIAL PROPERTY 3-0000833/DEF TIER 1B	294 HARVARD ST MEDFORD MA 02155	0.74 NE	22
31	STATE	FAWCETT SERVICES INC 3-0000997/RAO	TYLER COURT CAMBRIDGE MA 02140	0.74 NW	30
42	STATE	MASS AVE FIRESTONE 3-0013232/TIER 2	2472-2484 MASSACHUSETTS AVE CAMBRIDGE MA 02140	0.74 NW	39
66	STATE	WALDEN SQUARE APARTMENTS 3-0001656/TCLASS	21 WALDEN SQUARE CAMBRIDGE MA 02140	0.74 SW	3
65	STATE	UNCLE RUSSS CITGO STATION 3-0002492/TIER 2	2485 MASS AVE CAMBRIDGE MA 02140	0.77 NW	58
70	STATE	WOBURN AUTO PARTS 3-0000554/NFA	511 BROADWAY SOMERVILLE MA 02145	0.78 NE	60
60	STATE	RADCLIFFE COLLEGE 3-0002265/NFA	MOORS HALL CAMBRIDGE MA 02138	0.82 SW	54
68	STATE	WENDELL ST 3-0019699/PRECLASSIFIED	1651 MASSACHUSETTS AVE CAMBRIDGE MA 02138	0.82 SW	59
15	STATE	BOTANIC GARDENS 3-0001289/PENDING NFA	FERNALD DR CAMBRIDGE MA 02138	0.83 SW	16
20	STATE	COMMERCIAL PROPERTY 3-0004261/NFA	22 KENT ST SOMERVILLE MA 02143	0.85 SE	21
23	STATE	COMMERCIAL PROPERTY 3-0004330/DEF TIER 1B	126 JACKSON ST CAMBRIDGE MA 02140	0.86 NW	24
18	STATE	CLARENDON AVE 3-0020486/PRECLASSIFIED	19 WESTON AE SOMERVILLE MA 02144	0.87 NW	19
36	STATE	HARVARD UNIVERSITY 3-0020678/PRECLASSIFIED	60 OXFORD ST CAMBRIDGE MA 02138	0.88 SE	34

*Environmental FirstSearch  
Sites Summary Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

**TOTAL:** 122      **GEOCODED:** 121      **NON GEOCODED:** 1      **SELECTED:** 42

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
45	STATE	NEW ENGLAND TELEPHONE 3-0004584/RAO	111 CENTRAL ST SOMERVILLE MA 02143	0.89 SE	42
51	STATE	NO LOCATION AID 3-0011753/RAO	15A BLEACHERY CT SOMERVILLE MA 02143	0.89 SE	46
22	STATE	COMMERCIAL PROPERTY 3-0002991/DEF TIER 1B	1607-1613 MASSACHUSETTS AVE CAMBRIDGE MA 02138	0.91 SW	23
59	STATE	PROPERTY 3-0003363/NFA	1607-1613 MASSACHUSETTS AVE CAMBRIDGE MA 02138	0.91 SW	23
12	STATE	AMOCO (FMR) #4333 3-0000708/RAO	2578 MASSACHUSETTS AVE CAMBRIDGE MA 02140	0.92 NW	13
11	STATE	ADJACENT TO FORMER CITY DUMP 3-0017932/DEF TIER 1B	NEW ST CAMBRIDGE MA 02138	0.93 SW	12
38	STATE	JEFFERSON PARK APTS 3-0001657/DEF TIER 1B	RINDGE AVE CAMBRIDGE MA 02140	0.95 SW	36
40	STATE	JOHN SOLOMON INC 3-0004350/RAO	515 SOMERVILLE AVE,10-14 LA SOMERVILLE MA 02143	0.96 SE	38
35	STATE	GUS SERVICE STATION 3-0002582/TCLASS	519 SOMERVILLE AVE SOMERVILLE MA 02143	0.97 SE	33
39	STATE	JLA REALTY TRUST 3-0000727/PENDING NFA	219-221 CONCORD AVE CAMBRIDGE MA 02138	0.97 SW	37
9	STATE	16 CHAUNCY ST CONDO ASSOC 3-0010760/TIER 1C	16 CHAUNCY ST CAMBRIDGE MA 02138	0.98 SW	10
64	STATE	THIBEAULT GARAGE 3-0000613/PENDING NFA	245 CONCORD AVE CAMBRIDGE MA 02138	0.98 SW	57
71	STATE	WR GRACE 3-0000277/TIER 1C	62 WHITTEMORE AVE CAMBRIDGE MA 02140	0.99 NW	61
55	STATE	NO LOCATION AID 3-0017884/DEF TIER 1B	38 OXFORD ST CAMBRIDGE MA	0.99 SE	50
10	STATE	A&E SERVICE CENTER 3-0002177/TIER 2	191 CONCORD AVE CAMBRIDGE MA 02138	0.99 SW	11
104	SPILLS	N90-1418	363 HIGHLAND AVE SOMERVILLE MA 02144	0.10 NE	77
100	SPILLS	SERVICE STATION 3-0015597/RAO	371 HIGHLAND AVE SOMERVILLE MA 02144	0.11 NE	75
88	SPILLS	MING TOY RESTAURANT 3-0001198/RAO	212-214 ELM ST SOMERVILLE MA 02144	0.13 NW	68
84	SPILLS	FROM RUSSELL TO DAVENPORT 3-0017046/RAO	ORCHARD ST CAMBRIDGE MA 02139	0.17 SW	67
81	SPILLS	CLARENDON AVE 3-0020351/UNCLASSIFIED	115 WILLOW ST SOMERVILLE MA 02144	0.18 NE	20

## Environmental FirstSearch Sites Summary Report

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

**TOTAL:** 122      **GEOCODED:** 121      **NON GEOCODED:** 1      **SELECTED:** 42

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
72	SPILLS	BEACON PRINTING INK CO 3-0017086/RAO	84 WINSLOW AVE SOMERVILLE MA 02144	0.20 NE	1
102	SPILLS	N90-1634	283 SUMMER ST. SOMERVILLE MA 02144	0.24 SE	76
87	SPILLS	JIMMYS FOREIGN AUTO 3-0013335/RAO	2055 MASSACHUSETTS AVE CAMBRIDGE MA 02140	0.24 SW	43
91	SPILLS	NO LOCATION AID 3-0010711/TIER 2	2055 MASS AVE CAMBRIDGE MA 02140	0.24 SW	43
101	SPILLS	N90-1290	MASS AVE & HADLEY ST. CAMBRIDGE MA 02140	0.25 SW	9
103	SPILLS	N90-1461	MASS AVE. & HADLEY CAMBRIDGE MA 02140	0.25 SW	9
97	SPILLS	REAR OF BLDG 3-0010490/RAO	2000 MASSACHUSETTS AVE CAMBRIDGE MA 02140	0.25 SW	73
79	SPILLS	CHEMICAL DUMPING N92-0468	2 CRATON ST CAMBRIDGE MA 02140	0.26 SW	64
93	SPILLS	NO LOCATION AID 3-0015428/DEF TIER 1B	131 ORCHARD ST SOMERVILLE MA 02144	0.27 NW	51
76	SPILLS	CAMBRIDGE SAVINGS BANK 3-0004371/TCLASS	1960 MASSACHUSETTS AVE CAMBRIDGE MA	0.27 SW	17
75	SPILLS	CAMBRIDGE SAVINGS BANK N90-1597	1960 MASS AVE CAMBRIDGE MA 02140	0.27 SW	17
77	SPILLS	CAMBRIDGE SAVINGS BANK 46950000N32 3-0016878/RTN CLOSED	1960 MASSACHUSETTS AVE CAMBRIDGE MA 02140	0.27 SW	17
89	SPILLS	NEAR 13 JOSEPHINE 3-0018526/RAO	JOSEPHINE ST SOMERVILLE MA 02145	0.29 NE	69
80	SPILLS	CHEMICAL DUMPING N92-0189	50 REGENT ST CAMBRIDGE MA 02140	0.29 SW	65
92	SPILLS	NO LOCATION AID 3-0010727/RAO	99-119 DOVER ST SOMERVILLE MA 02144	0.30 NW	71
98	SPILLS	REAR OF LEXINGTON AVE 3-0014276/RAO	35 LEXINGTON AVE SOMERVILLE MA 02144	0.32 NE	74
85	SPILLS	GAS STATION N90-1353	290 HIGHLAND AVE SOMERVILLE MA 02144	0.34 SE	31
86	SPILLS	GASOLINE STATION FMR 3-0004124/DEF TIER 1B	290 HIGHLAND AVE SOMERVILLE MA	0.34 SE	31
90	SPILLS	NO LOCATION AID 3-0010874/RAO	93 KIDDER AVE SOMERVILLE MA 02144	0.37 NE	70
74	SPILLS	BELOW-GRND TANK REMOVAL N92-0061	1876 MASS AVE CAMBRIDGE MA 02140	0.37 SW	63

## Environmental FirstSearch Sites Summary Report

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

**TOTAL:** 122      **GEOCODED:** 121      **NON GEOCODED:** 1      **SELECTED:** 42

ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Map ID
82	SPILLS	DAVIS SQUARE 3-0012745/RAO	40 HOLLAND ST SOMERVILLE MA 02144	0.38 NW	66
73	SPILLS	BECO TRANSFORMER N92-0684	ALPINE ST & 147 CEDAR ST (REAR) SOMERVILLE MA 02144	0.41 NE	62
96	SPILLS	PAYNE ELEVATOR 3-0010928/RAO	75 RICHDAL AVE CAMBRIDGE MA 02140	0.42 SW	72
95	SPILLS	NO LOCATION AID 3-0014447/RAO	7-11 ALPINE ST SOMERVILLE MA 02144	0.43 SE	48
78	SPILLS	CHAMBER OF COMMERCE N91-1545	2 ALPINE ST SOMERVILLE MA 02145	0.45 NE	29
83	SPILLS	FAULKNER BROTHERS INC 3-0004043/RAO	2 ALPINE ST SOMERVILLE MA	0.45 NE	29
94	SPILLS	NO LOCATION AID 3-0015056/TIER 2	45 KINGSTON ST SOMERVILLE MA	0.46 NW	53
99	SPILLS	RICHDAL CONDOMINIUMS 3-0001483/RAO	175 RICHDAL AVE CAMBRIDGE MA	0.48 SW	55
111	SPILLS80	N85-0866	371 SUMMER ST. SOMERVILLE MA 02144	0.02 NW	82
106	SPILLS80	SOMERSET PAPER CO N89-1434	363 HIGHLAND AVE SOMERVILLE MA 02144	0.10 NE	77
105	SPILLS80	GAS STATION N88-0814	208 ELM STREET SOMERVILLE MA 02144	0.11 SW	15
108	SPILLS80	N89-0255	298 SUMMER STREET SOMERVILLE MA 02144	0.18 SE	79
109	SPILLS80	N88-0035	2067 MASS AV CAMBRIDGE MA 02140	0.21 SW	80
110	SPILLS80	N86-0475	OPP. 43 DAVENPORT ST. CAMBRIDGE MA 02140	0.24 SE	81
112	SPILLS80	N87-1497	2055 MASS AVE. CAMBRIDGE MA 02140	0.24 SW	43
107	SPILLS80	ST JAMES EPISCOPAL CHURCH N88-1917	1991 MASS. AVE. CAMBRIDGE MA 02140	0.24 SW	78
122	SPILLS80	N86-5019	HIGHLAND AVENUE SOMERVILLE MA	NON GC	
116	UST	FRED HUBBARD S GULF 0-010902	371 HIGHLAND AVE SOMERVILLE MA 02144	0.11 NE	75
113	UST	BEST PETROLEUM CO INC 0-010899	208 ELM ST SOMERVILLE MA 02144	0.11 SW	15
114	UST	CHRISTOS POUTAHIDIS 0-020032	131 WILLOW AVE SOMERVILLE MA 02144	0.21 NE	83

*Environmental FirstSearch  
Sites Summary Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

**TOTAL:** 122

**GEOCODED:** 121

**NON GEOCODED:** 1

**SELECTED:** 42

<b>ID</b>	<b>DB Type</b>	<b>Site Name/ID/Status</b>	<b>Address</b>	<b>Dist/Dir</b>	<b>Map ID</b>
115	UST	CITY OF CAMBRIDGE FIRE DEPT 0-009152	2029 MASSACHUSETTS AVE CAMBRIDGE MA 02140	0.21 SW	84
117	UST	GAS WITH A SMILE 0-009222	2055 MASSACHUSETTS AVE CAMBRIDGE MA 02140	0.24 SW	43

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

CERCLIS SITE			
<b>SEARCH ID:</b> 1	<b>DIST/DIR:</b> 0.20 NE	<b>MAP ID:</b> 1	
<b>NAME:</b> BEACON PRINTING AND INK	<b>REV:</b> 1/9/02		
<b>ADDRESS:</b> 84 WINSLOW AVENUE SOMERVILLE MA 02144	<b>ID1:</b> MA0002274819		
	<b>ID2:</b> 0102968		
<b>CONTACT:</b> COSMO CATERINO	<b>STATUS:</b> NOT PROPOSED		
	<b>PHONE:</b> 6179181264		
<b>DESCRIPTION:</b>			
<b>ACTION/QUALITY</b>	<b>AGENCY/RPS</b>	<b>START/RAA</b>	<b>END</b>
PRP REMOVAL Cleaned up	Responsible Party Primary	07-26-1998 Voluntary Cleanup Start and Complete	08-17-1998
REMOVAL ASSESSMENT	EPA Fund-Financed	07-26-1998	07-26-1998

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

RCRA GENERATOR SITE

**SEARCH ID:** 3

**DIST/DIR:** 0.18 SW

**MAP ID:** 4

**NAME:** C & C SPEED & REPAIR  
**ADDRESS:** 44 RUSSELL ST  
CAMBRIDGE MA 02140

**REV:** 1/14/02  
**IDI:** MAD125312306  
**ID2:**  
**STATUS:** VGN  
**PHONE:** 6176231822

**CONTACT:** STEVEN-P CASEY

SITE INFORMATION

**CONTACT INFORMATION:** STEVEN-P CASEY  
OWNER  
44 RUSSELL ST  
CAMBRIDGE MA 02140

**PHONE:** 6176231822

UNIVERSE NAME:

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

SIC INFORMATION:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

RCRA GENERATOR SITE

**SEARCH ID:** 2

**DIST/DIR:** 0.20 NE

**MAP ID:** 1

**NAME:** BEACON PRINTING  
**ADDRESS:** 84 WINSLOW AVE  
SOMERVILLE MA 02144

**REV:** 1/14/02  
**ID1:** MAR000008573  
**ID2:**  
**STATUS:** VGN  
**PHONE:** 6175551212

**CONTACT:** ENVR ENGR

SITE INFORMATION

**CONTACT INFORMATION:** ENVR ENGR  
...  
84 WINSLOW AVE  
SOMERVILLE MA 02144

**PHONE:** 6175551212

UNIVERSE NAME:

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

SIC INFORMATION:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

RCRA NLR SITE

**SEARCH ID:** 4

**DIST/DIR:** 0.10 NW

**MAP ID:** 7

**NAME:** MACS AUTO BODY INC  
**ADDRESS:** 53 RUSSELL ST  
SOMERVILLE MA 02144

**REV:** 1/14/02  
**IDI:** MAD073814329  
**ID2:**  
**STATUS:** NLR  
**PHONE:** 6177761166

**CONTACT:** DAVID MACLEOD

**SITE INFORMATION**

**CONTACT INFORMATION:** DAVID MACLEOD  
MGR  
53 RUSSELL ST  
SOMERVILLE MA 02144

**PHONE:** 6177761166

**UNIVERSE NAME:**

NO LONGER REGULATED

**SIC INFORMATION:**

**ENFORCEMENT INFORMATION:**

**VIOLATION INFORMATION:**

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

RCRA NLR SITE

**SEARCH ID:** 5

**DIST/DIR:** 0.21 NW

**MAP ID:** 8

**NAME:** PERINI CORP M B T A CONT 091  
**ADDRESS:** 48 GROVE ST PO BOX 335  
SOMERVILLE MA 02144

**REV:** 1/14/02  
**ID1:** MAD991288887  
**ID2:**  
**STATUS:** NLR  
**PHONE:** 6176235580

**CONTACT:** LAIMONIS RIEKSTS

SITE INFORMATION

**CONTACT INFORMATION:** LAIMONIS RIEKSTS  
73 MT WAYTE AVE  
FRAMINGHAM MA 01701

**PHONE:** 6176235580

UNIVERSE NAME:

NO LONGER REGULATED

SIC INFORMATION:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:



*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE			
<b>SEARCH ID:</b> 63	<b>DIST/DIR:</b> 0.08 NW	<b>MAP ID:</b> 56	
<b>NAME:</b> TEXACO STATION FMR	<b>REV:</b> 1/16/02		
<b>ADDRESS:</b> 201-203 ELM ST SOMERVILLE MA 02143	<b>ID1:</b> 3-0000149		
<b>CONTACT:</b>	<b>ID2:</b>		
	<b>STATUS:</b> TIER 2		
	<b>PHONE:</b>		
 <u>SITE INFORMATION</u>			
<b>L.TBI:</b> 1/15/87	<b>CONFIRMED:</b>		
<b>DELETED:</b>	<b>REMOVED:</b>		
<b>CATEGORY:</b> NONE	<b>21E STATUS:</b> TIER 2		
<b>DATE:</b> 1/15/87	<b>21E DATE:</b> 7/14/99		
<b>PHASE:</b> PHASE II	<b>HAZMAT TYPE:</b>		
<b>RAO CLASS:</b>			
<b>LOCATION TYPE:</b>			
<b>SOURCE:</b>			
<b>SITE DESCRIPTION:</b>			
 <u>CHEMICALS</u>			
UNKNOWN CHEMICAL OF UNKNOWN TYPE			
 <u>SITE ACTIONS</u>			
<b>TS DATE:</b> 7/14/1999			
<b>AUL RESTRICTION:</b>			
<b>LSP:</b> LUKE FABBRI			
<b>RA STATUS:</b> COMPLETION STATEMENT RECEIVED			
<b>RAS TYPE:</b> PHASE I: PHASE I			
<b>RAO CLASS:</b>			
 <b>TS DATE:</b> 7/14/1999			
<b>AUL RESTRICTION:</b>			
<b>LSP:</b> LUKE FABBRI			
<b>RA STATUS:</b>			
<b>RAS TYPE:</b> TCLASS: TIER CLASSIFICATION			
<b>RAO CLASS:</b>			
 <b>ACT DATE:</b> 07/14/1999			
<b>ACT USE LIMITATION:</b>			
<b>LSP:</b>			
<b>ACT STATUS:</b> COMPLETION STATEMENT RECEIVED			
<b>ACT TYPE:</b> PHASE I: PHASE I			
<b>RAO TYPE:</b>			
 <b>ACT DATE:</b> 07/14/1999			

- Continued on next page -

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE		
<b>SEARCH ID:</b> 63	<b>DIST/DIR:</b> 0.08 NW	<b>MAP ID:</b> 56
<b>NAME:</b> TEXACO STATION FMR	<b>REV:</b> 1/16/02	
<b>ADDRESS:</b> 201-203 ELM ST	<b>ID1:</b> 3-0000149	
SOMERVILLE MA 02143	<b>ID2:</b>	
<b>CONTACT:</b>	<b>STATUS:</b> TIER 2	
	<b>PHONE:</b>	
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b>		
<b>ACT STATUS:</b>	TIER 2 CLASSIFICATION	
<b>ACT TYPE:</b>	TCLASS: TIER CLASSIFICATION	
<b>RAO TYPE:</b>		
<b>ACT DATE:</b> 01/15/1987		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b>		
<b>ACT STATUS:</b>	TCTRNS	
<b>ACT TYPE:</b>	REL	
<b>RAO TYPE:</b>		

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE			
<b>SEARCH ID:</b> 14	<b>DIST/DIR:</b> 0.11 SW	<b>MAP ID:</b> 15	
<b>NAME:</b> BEST PETROLEUM <b>ADDRESS:</b> 208 ELM ST SOMERVILLE MA		<b>REV:</b> 1/29/01 <b>IDI:</b> 3-0001562 <b>ID2:</b> <b>STATUS:</b> PENDING NFA <b>PHONE:</b>	
<b>CONTACT:</b>			
<b><u>SITE INFORMATION</u></b>			
<b>LTBI:</b> 10/15/89	<b>CONFIRMED:</b>		
<b>DELETED:</b>	<b>REMOVED:</b>		
<b>CATEGORY:</b>	<b>21E STATUS:</b> PENDING NFA		
<b>DATE:</b> 10/15/89	<b>21E DATE:</b> 8/2/95		
<b>PHASE:</b> NO PHASE	<b>HAZMAT TYPE:</b> OIL		
<b>RAO CLASS:</b>			
<b>LOCATION TYPE:</b>			
<b>SOURCE:</b>			
<b>SITE DESCRIPTION:</b>			
<b><u>SITE ACTIONS</u></b>			
<b>TS DATE:</b> 19950802 00:00:00			
<b>AUL RESTRICTION:</b>			
<b>LSP:</b>			
<b>RA STATUS:</b>			
<b>RAS TYPE:</b> CON-NFA			
<b>RAO CLASS:</b>			

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE			
<b>SEARCH ID:</b> 19	<b>DIST/DIR:</b> 0.18 NE	<b>MAP ID:</b> 20	
<b>NAME:</b> CLARENDON AVE		<b>REV:</b> 8/1/01	
<b>ADDRESS:</b> 115 WILLOW ST SOMERVILLE MA 02144		<b>IDI:</b> 3-0020351	
		<b>ID2:</b>	
<b>CONTACT:</b>		<b>STATUS:</b> PRECLASSIFIED	
		<b>PHONE:</b>	
 <u>SITE INFORMATION</u>			
<b>CATEGORY:</b> 120 DY		<b>21E STATUS:</b> PRECLASSIFIED	
<b>DATE:</b> 1/29/01		<b>21E DATE:</b> 1/29/01	
<b>PHASE:</b> NO PHASE		<b>HAZMAT TYPE:</b> OIL	
 <b>RAO CLASS:</b>			
 <b>LOCATION TYPE:</b>			
<b>SOURCE:</b>			
<b>SITE DESCRIPTION:</b>			
 <u>CHEMICALS</u>			
 <u>SITE ACTIONS</u>			
<b>ACT DATE:</b> 01/30/2001			
<b>ACT USE LIMITATION:</b>			
<b>LSP:</b> DANIEL JAFFE			
<b>ACT STATUS:</b> FEE RECEIVED			
<b>ACT TYPE:</b> RAM: RELEASE ABATEMENT MEASURE			
<b>RAO TYPE:</b>			

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE	
<b>SEARCH ID:</b> 46	<b>DIST/DIR:</b> 0.24 SW
<b>MAP ID:</b> 43	
<b>NAME:</b> NO LOCATION AID	<b>REV:</b> 1/16/02
<b>ADDRESS:</b> 2055 MASS AVE CAMBRIDGE MA	<b>IDI:</b> 3-0010711
	<b>ID2:</b>
<b>CONTACT:</b>	<b>STATUS:</b> TIER 2
	<b>PHONE:</b>
 <u>SITE INFORMATION</u>	
<b>LTBI:</b>	<b>CONFIRMED:</b>
<b>DELETED:</b>	<b>REMOVED:</b>
<b>CATEGORY:</b> 72 HR	<b>21E STATUS:</b> TIER 2
<b>DATE:</b> 3/21/94	<b>21E DATE:</b> 3/27/95
<b>PHASE:</b> PHASE IV	<b>HAZMAT TYPE:</b> OIL
<b>RAO CLASS:</b>	
<b>LOCATION TYPE:</b>	COMMERCIAL,
<b>SOURCE:</b>	UST; PIPE;
<b>SITE DESCRIPTION:</b>	RELEASE TO SOIL; COMMERCIAL SITE; GROUNDWATER RELEASE; CONTAINED IN A
<b>LUST; GASOLINE PRESENT;</b>	
<b>OTHER CONTAMINATION:</b>	
<b>OTHER RELEASES:</b>	
<b>OTHER PROBLEMS:</b>	
<b>OTHER TYPE OF SITE:</b>	
 <u>CHEMICALS</u>	
GASOLINE 205 PPMV	
GASOLINE	
 <u>SITE ACTIONS</u>	
<b>TS DATE:</b>	3/27/1995
<b>AUL RESTRICTION:</b>	
<b>LSP:</b>	DONALD BRUEHL
<b>RA STATUS:</b>	TRANSMITTAL RECEIVED
<b>RAS TYPE:</b>	TCLASS: TIER CLASSIFICATION
<b>RAO CLASS:</b>	
<b>TS DATE:</b>	3/27/1995
<b>AUL RESTRICTION:</b>	
<b>LSP:</b>	
<b>RA STATUS:</b>	RELATED TO A TRANSITION SITE (NOT TIER CLASSIFIED)
<b>RAS TYPE:</b>	FEND
<b>RAO CLASS:</b>	
<b>ACT DATE:</b>	05/18/1994
<b>ACT USE LIMITATION:</b>	

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*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE		
<b>SEARCH ID:</b> 46	<b>DIST/DIR:</b> 0.24 SW	<b>MAP ID:</b> 43
<b>NAME:</b> NO LOCATION AID	<b>REV:</b> 1/16/02	
<b>ADDRESS:</b> 2055 MASS AVE CAMBRIDGE MA	<b>IDI:</b> 3-0010711	
	<b>ID2:</b>	
<b>CONTACT:</b>	<b>STATUS:</b> TIER 2	
	<b>PHONE:</b>	
<b>LSP:</b>		
<b>ACT STATUS:</b>	REPORT	
<b>ACT TYPE:</b>	RNF	
<b>RAO TYPE:</b>		
<b>ACT DATE:</b>	03/21/1994	
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b>		
<b>ACT STATUS:</b>	REPORT	
<b>ACT TYPE:</b>	REL	
<b>RAO TYPE:</b>		
<b>ACT DATE:</b>	03/27/1995	
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b>		
<b>ACT STATUS:</b>	DONALD BRUEHL	
<b>ACT TYPE:</b>	COMPLETION STATEMENT RECEIVED	
<b>RAO TYPE:</b>	PHASEI: PHASE I	
<b>ACT DATE:</b>	07/31/2000	
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b>		
<b>ACT STATUS:</b>	DONALD BRUEHL	
<b>ACT TYPE:</b>	COMPLETION STATEMENT RECEIVED	
<b>RAO TYPE:</b>	PHSIII: PHASE III	
<b>ACT DATE:</b>	05/25/2000	
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b>		
<b>ACT STATUS:</b>	DONALD BRUEHL	
<b>ACT TYPE:</b>	COMPLETION STATEMENT RECEIVED	
<b>RAO TYPE:</b>	PHASHII: PHASE II	
<b>ACT DATE:</b>	01/29/1999	
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b>		
<b>ACT STATUS:</b>	DONALD BRUEHL	
<b>ACT TYPE:</b>	COMPLETION STATEMENT RECEIVED	
<b>RAO TYPE:</b>	IRA: IMMEDIATE RESPONSE ACTION	
<b>ACT DATE:</b>	09/24/1999	
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b>		
<b>ACT STATUS:</b>	DONALD BRUEHL	
<b>ACT TYPE:</b>	COMPLETION STATEMENT RECEIVED	
<b>RAO TYPE:</b>	RAM: RELEASE ABATEMENT MEASURE	

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*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE		
<b>SEARCH ID:</b> 46	<b>DIST/DIR:</b> 0.24 SW	<b>MAP ID:</b> 43
<b>NAME:</b> NO LOCATION AID	<b>REV:</b> 1/16/02	
<b>ADDRESS:</b> 2055 MASS AVE CAMBRIDGE MA	<b>ID1:</b> 3-0010711	
	<b>ID2:</b>	
<b>CONTACT:</b>	<b>STATUS:</b> TIER 2	
	<b>PHONE:</b>	
<b>RAO TYPE:</b>		
<b>ACT DATE:</b> 03/27/1995		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> DONALD BRUEHL		
<b>ACT STATUS:</b> TIER 2 CLASSIFICATION		
<b>ACT TYPE:</b> TCLASS: TIER CLASSIFICATION		
<b>RAO TYPE:</b>		
<b>ACT DATE:</b> 12/22/2000		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> DONALD BRUEHL		
<b>ACT STATUS:</b> WRITTEN PLAN RECEIVED		
<b>ACT TYPE:</b> PHASIV: PHASE IV		
<b>RAO TYPE:</b>		

*Environmental First Search  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE

**SEARCH ID:** 56                      **DIST/DIR:** 0.27 NW                      **MAP ID:** 51

<b>NAME:</b> NO LOCATION AID	<b>REV:</b> 1/16/02
<b>ADDRESS:</b> 131 ORCHARD ST SOMERVILLE MA 02144	<b>ID1:</b> 3-0015428
<b>CONTACT:</b>	<b>ID2:</b>
	<b>STATUS:</b> DEF TIER 1B
	<b>PHONE:</b>

SITE INFORMATION

<b>CATEGORY:</b> TWO HR	<b>21E STATUS:</b> DEF TIER 1B
<b>DATE:</b> 8/16/97	<b>21E DATE:</b> 8/24/98
<b>PHASE:</b>	<b>HAZMAT TYPE:</b> OIL

**RAO CLASS:**

**LOCATION TYPE:** COMMERCIAL, RESIDENTIAL,  
**SOURCE:** PIPE, VEHICLE,  
**SITE DESCRIPTION:**

CHEMICALS

FUEL OIL #2 20 GAL  
FUEL OIL #2 11 GAL

SITE ACTIONS

**ACT DATE:** 09/25/1997  
**ACT USE LIMITATION:**  
**LSP:**  
**ACT STATUS:** REPORT  
**ACT TYPE:** RNF  
**RAO TYPE:**

**ACT DATE:** 05/30/2001  
**ACT USE LIMITATION:**  
**LSP:**  
**ACT STATUS:** REPORT  
**ACT TYPE:** REL  
**RAO TYPE:**

**ACT DATE:** 08/16/1997  
**ACT USE LIMITATION:**  
**LSP:**  
**ACT STATUS:** REPORT  
**ACT TYPE:** REL  
**RAO TYPE:**

**ACT DATE:** 10/24/2001  
**ACT USE LIMITATION:**  
**LSP:** MARK GERMANO  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED

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*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE		
<b>SEARCH ID:</b> 56	<b>DIST/DIR:</b> 0.27 NW	<b>MAP ID:</b> 51
<b>NAME:</b> NO LOCATION AID <b>ADDRESS:</b> 131 ORCHARD ST SOMERVILLE MA 02144	<b>REV:</b> 1/16/02 <b>IDI:</b> 3-0015428 <b>ID2:</b> <b>STATUS:</b> DEF TIER 1B <b>PHONE:</b>	
<b>CONTACT:</b>		
<b>ACT TYPE:</b> IRA: IMMEDIATE RESPONSE ACTION <b>RAO TYPE:</b>		
<b>ACT DATE:</b> 10/24/2001 <b>ACT USE LIMITATION:</b> <b>LSP:</b> MARK GERMANO <b>ACT STATUS:</b> COMPLETION STATEMENT RECEIVED <b>ACT TYPE:</b> PHASE: PHASE I <b>RAO TYPE:</b>		
<b>ACT DATE:</b> 10/24/2001 <b>ACT USE LIMITATION:</b> <b>LSP:</b> MARK GERMANO <b>ACT STATUS:</b> TIER 2 CLASSIFICATION <b>ACT TYPE:</b> TCLASS: TIER CLASSIFICATION <b>RAO TYPE:</b>		

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE			
<b>SEARCH ID:</b> 16	<b>DIST/DIR:</b> 0.27 SW	<b>MAP ID:</b> 17	
<b>NAME:</b> CAMBRIDGE SAVINGS BANK <b>ADDRESS:</b> 1960 MASSACHUSETTS AVE CAMBRIDGE MA 02138		<b>REV:</b> 1/16/02 <b>IDI:</b> 3-0004371 <b>ID2:</b> <b>STATUS:</b> TCLASS <b>PHONE:</b>	
<b>CONTACT:</b>			
<u><b>SITE INFORMATION</b></u>			
<b>LTBI:</b> 10/1/93 <b>DELETED:</b>		<b>CONFIRMED:</b> <b>REMOVED:</b>	
<b>CATEGORY:</b> NONE <b>DATE:</b> 10/1/93 <b>PHASE:</b> PHASE II		<b>21E STATUS:</b> TCLASS <b>21E DATE:</b> 8/8/97 <b>HAZMAT TYPE:</b>	
<b>RAO CLASS:</b>			
<b>LOCATION TYPE:</b> COMMERCIAL, <b>SOURCE:</b> UST; <b>SITE DESCRIPTION:</b> VIRGIN OIL PRESENT; RELEASE TO SOIL; COMMERCIAL SITE; CONTAINED IN A LUST;			
<b>OTHER CONTAMINATION:</b> <b>OTHER RELEASES:</b> <b>OTHER PROBLEMS:</b> <b>OTHER TYPE OF SITE:</b>			
<u><b>CHEMICALS</b></u>			
UNKNOWN CHEMICAL OF UNKNOWN TYPE			
<u><b>SITE ACTIONS</b></u>			
<b>TS DATE:</b> 4/28/2000 <b>AUL RESTRICTION:</b> <b>LSP:</b> RAYMOND LEATHER <b>RA STATUS:</b> STATUS REPORT RECEIVED <b>RAS TYPE:</b> IRA: IMMEDIATE RESPONSE ACTION <b>RAO CLASS:</b>			
<b>TS DATE:</b> 8/8/1997 <b>AUL RESTRICTION:</b> <b>LSP:</b> DANA SIMPSON <b>RA STATUS:</b> TRANSMITTAL RECEIVED <b>RAS TYPE:</b> LSP-FA <b>RAO CLASS:</b>			
<b>TS DATE:</b> 6/30/1999 <b>AUL RESTRICTION:</b> <b>LSP:</b> <b>RA STATUS:</b> NDMDRC			

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*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE		
<b>SEARCH ID:</b> 16	<b>DIST/DIR:</b> 0.27 SW	<b>MAP ID:</b> 17
<b>NAME:</b> CAMBRIDGE SAVINGS BANK <b>ADDRESS:</b> 1960 MASSACHUSETTS AVE CAMBRIDGE MA 02138		<b>REV:</b> 1/16/02 <b>ID1:</b> 3-0004371 <b>ID2:</b> <b>STATUS:</b> TCLASS <b>PHONE:</b>
<b>CONTACT:</b>		
<b>RAS TYPE:</b>	PHASEII	
<b>RAO CLASS:</b>		
<b>TS DATE:</b>	8/8/1997	
<b>AUL RESTRICTION:</b>		
<b>LSP:</b>	DANA SIMPSON	
<b>RA STATUS:</b>	COMPLETION STATEMENT RECEIVED	
<b>RAS TYPE:</b>	PHASEI: PHASE I	
<b>RAO CLASS:</b>		
<b>TS DATE:</b>	8/8/1997	
<b>AUL RESTRICTION:</b>		
<b>LSP:</b>	DANA SIMPSON	
<b>RA STATUS:</b>		
<b>RAS TYPE:</b>	TCLASS: TIER CLASSIFICATION	
<b>RAO CLASS:</b>		
<b>TS DATE:</b>	9/20/1999	
<b>AUL RESTRICTION:</b>		
<b>LSP:</b>	RAYMOND LEATHER	
<b>RA STATUS:</b>	STATUS REPORT RECEIVED	
<b>RAS TYPE:</b>	IRA: IMMEDIATE RESPONSE ACTION	
<b>RAO CLASS:</b>		
<b>TS DATE:</b>	5/20/1999	
<b>AUL RESTRICTION:</b>		
<b>LSP:</b>	RAYMOND LEATHER	
<b>RA STATUS:</b>	STATUS REPORT RECEIVED	
<b>RAS TYPE:</b>	IRA: IMMEDIATE RESPONSE ACTION	
<b>RAO CLASS:</b>		
<b>TS DATE:</b>	4/13/2000	
<b>AUL RESTRICTION:</b>		
<b>LSP:</b>	RAYMOND LEATHER	
<b>RA STATUS:</b>	REVISED	
<b>RAS TYPE:</b>	TCLASS: TIER CLASSIFICATION	
<b>RAO CLASS:</b>		
<b>ACT DATE:</b>	08/08/1997	
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b>		
<b>ACT STATUS:</b>	COMPLETION STATEMENT RECEIVED	
<b>ACT TYPE:</b>	PHASEI: PHASE I	
<b>RAO TYPE:</b>		

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*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE		
<b>SEARCH ID:</b> 16	<b>DIST/DIR:</b> 0.27 SW	<b>MAP ID:</b> 17
<b>NAME:</b> CAMBRIDGE SAVINGS BANK <b>ADDRESS:</b> 1960 MASSACHUSETTS AVE CAMBRIDGE MA 02138		<b>REV:</b> 1/16/02 <b>ID1:</b> 3-0004371 <b>ID2:</b> <b>STATUS:</b> TCLASS <b>PHONE:</b>
<b>CONTACT:</b>		
<b>ACT DATE:</b> 06/30/1999 <b>ACT USE LIMITATION:</b> <b>LSP:</b> <b>ACT STATUS:</b> NDMDRC <b>ACT TYPE:</b> PHASII: PHASE II <b>RAO TYPE:</b>		
<b>ACT DATE:</b> 10/05/2001 <b>ACT USE LIMITATION:</b> <b>LSP:</b> RAYMOND LEATHER <b>ACT STATUS:</b> STATUS REPORT RECEIVED <b>ACT TYPE:</b> IRA: IMMEDIATE RESPONSE ACTION <b>RAO TYPE:</b>		
<b>ACT DATE:</b> 10/01/1993 <b>ACT USE LIMITATION:</b> <b>LSP:</b> <b>ACT STATUS:</b> TCTRNS <b>ACT TYPE:</b> REL <b>RAO TYPE:</b>		
<b>ACT DATE:</b> 04/13/2000 <b>ACT USE LIMITATION:</b> <b>LSP:</b> <b>ACT STATUS:</b> REVISED STATEMENT OR TRANSMITTAL RECEIVED <b>ACT TYPE:</b> TCLASS: TIER CLASSIFICATION <b>RAO TYPE:</b>		

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE			
<b>SEARCH ID:</b> 32	<b>DIST/DIR:</b> 0.34 SE	<b>MAP ID:</b> 31	
<b>NAME:</b> GASOLINE STATION FMR		<b>REV:</b> 1/16/02	
<b>ADDRESS:</b> 290 HIGHLAND AVE		<b>IDI:</b> 3-0004124	
SOMERVILLE MA 02143		<b>ID2:</b>	
<b>CONTACT:</b>		<b>STATUS:</b> DEF TIER 1B	
		<b>PHONE:</b>	
 <u>SITE INFORMATION</u>			
<b>LTBI:</b> 10/15/92		<b>CONFIRMED:</b>	
<b>DELETED:</b>		<b>REMOVED:</b>	
<b>CATEGORY:</b> NONE		<b>21E STATUS:</b> DEF TIER 1B	
<b>DATE:</b> 10/15/92		<b>21E DATE:</b> 8/11/97	
<b>PHASE:</b>		<b>HAZMAT TYPE:</b>	
<b>RAO CLASS:</b>			
<b>LOCATION TYPE:</b> COMMERCIAL, GASSTATION,			
<b>SOURCE:</b> UST;			
<b>SITE DESCRIPTION:</b> RELEASE TO SOIL; COMMERCIAL SITE; CONTAINED IN A LUST; GAS STATION;			
<b>GROUNDWATER RELEASE:</b> GASOLINE PRESENT;			
<b>OTHER CONTAMINATION:</b>			
<b>OTHER RELEASES:</b>			
<b>OTHER PROBLEMS:</b>			
<b>OTHER TYPE OF SITE:</b>			
 <u>CHEMICALS</u>			
UNKNOWN CHEMICAL OF UNKNOWN TYPE			
 <u>SITE ACTIONS</u>			
<b>ACT DATE:</b> 10/15/1992			
<b>ACT USE LIMITATION:</b>			
<b>LSP:</b>			
<b>ACT STATUS:</b> TCTRNS			
<b>ACT TYPE:</b> REL			
<b>RAO TYPE:</b>			

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE		
<b>SEARCH ID:</b> 53	<b>DIST/DIR:</b> 0.43 SE	<b>MAP ID:</b> 48
<b>NAME:</b> NO LOCATION AID	<b>REV:</b> 8/1/01	
<b>ADDRESS:</b> 7-11 ALPINE ST SOMERVILLE MA 02143	<b>ID1:</b> 3-0014447	
<b>CONTACT:</b>	<b>ID2:</b>	
	<b>STATUS:</b> TIER 2	
	<b>PHONE:</b>	
 <u><b>SITE INFORMATION</b></u>		
<b>LTBI:</b>	<b>CONFIRMED:</b>	
<b>DELETED:</b>	<b>REMOVED:</b>	
<b>CATEGORY:</b> 72 HR	<b>21E STATUS:</b> TIER 2	
<b>DATE:</b> 10/30/96	<b>21E DATE:</b> 10/23/97	
<b>PHASE:</b> NO PHASE	<b>HAZMAT TYPE:</b> OIL	
<b>RAO CLASS:</b>		
<b>LOCATION TYPE:</b>	<b>COMMERCIAL,</b>	
<b>SOURCE:</b>	<b>UST;</b>	
<b>SITE DESCRIPTION:</b>		
 <u><b>CHEMICALS</b></u>		
GASOLINE		
GASOLINE 2150 PPMV		
FUEL OIL #2		
UNKNOWN CHEMICAL OF UNKNOWN TYPE		
DIESEL FUEL		
FUEL OIL #2 2150 PPMV		
 <u><b>SITE ACTIONS</b></u>		
<b>TS DATE:</b>	10/23/1997	
<b>AUL RESTRICTION:</b>		
<b>LSP:</b>		
<b>RA STATUS:</b>	RELATED TO A TRANSITION SITE (NOT TIER CLASSIFIED)	
<b>RAS TYPE:</b>	FEND	
<b>RAO CLASS:</b>		
<b>TS DATE:</b>	10/23/1997	
<b>AUL RESTRICTION:</b>		
<b>LSP:</b>	BENSON GOULD	
<b>RA STATUS:</b>	TRANSMITTAL RECEIVED	
<b>RAS TYPE:</b>	TCLASS: TIER CLASSIFICATION	
<b>RAO CLASS:</b>		
<b>ACT DATE:</b>	10/06/2000	
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b>	BENSON GOULD	
<b>ACT STATUS:</b>	COMPLETION STATEMENT RECEIVED	

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*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE		
<b>SEARCH ID:</b> 53	<b>DIST/DIR:</b> 0.43 SE	<b>MAP ID:</b> 48
<b>NAME:</b> NO LOCATION AID	<b>REV:</b> 8/1/01	
<b>ADDRESS:</b> 7-11 ALPINE ST SOMERVILLE MA 02143	<b>ID1:</b> 3-0014447	
	<b>ID2:</b>	
<b>CONTACT:</b>	<b>STATUS:</b> TIER 2	
	<b>PHONE:</b>	
<b>ACT TYPE:</b> PHASIV: PHASE IV		
<b>RAO TYPE:</b>		
<b>ACT DATE:</b> 10/23/1997		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> BENSON GOULD		
<b>ACT STATUS:</b> COMPLETION STATEMENT RECEIVED		
<b>ACT TYPE:</b> PHASEI: PHASE I		
<b>RAO TYPE:</b>		
<b>ACT DATE:</b> 11/24/1999		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> BENSON GOULD		
<b>ACT STATUS:</b> COMPLETION STATEMENT RECEIVED		
<b>ACT TYPE:</b> PHSIII: PHASE III		
<b>RAO TYPE:</b>		
<b>ACT DATE:</b> 10/21/1999		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> BENSON GOULD		
<b>ACT STATUS:</b> COMPLETION STATEMENT RECEIVED		
<b>ACT TYPE:</b> PHASII: PHASE II		
<b>RAO TYPE:</b>		
<b>ACT DATE:</b> 03/18/1997		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> JOHN STAMATOV		
<b>ACT STATUS:</b> COMPLETION STATEMENT RECEIVED		
<b>ACT TYPE:</b> IRA: IMMEDIATE RESPONSE ACTION		
<b>RAO TYPE:</b>		
<b>ACT DATE:</b> 10/23/1997		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> BENSON GOULD		
<b>ACT STATUS:</b> LEGNOT		
<b>ACT TYPE:</b> TCLASS: TIER CLASSIFICATION		
<b>RAO TYPE:</b>		

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE		
<b>SEARCH ID:</b> 30	<b>DIST/DIR:</b> 0.45 NE	<b>MAP ID:</b> 29
<b>NAME:</b> FAULKNER BROTHERS INC	<b>REV:</b> 1/29/01	
<b>ADDRESS:</b> 2 ALPINE ST SOMERVILLE MA	<b>ID1:</b> 3-0004043	
<b>CONTACT:</b>	<b>ID2:</b>	
	<b>STATUS:</b> RAO	
	<b>PHONE:</b>	
 <u>SITE INFORMATION</u>		
<b>LTBI:</b> 7/15/92	<b>CONFIRMED:</b>	
<b>DELETED:</b>	<b>REMOVED:</b>	
<b>CATEGORY:</b>	<b>21E STATUS:</b> RAO	
<b>DATE:</b> 7/15/92	<b>21E DATE:</b> 8/3/99	
<b>PHASE:</b> PHASE II	<b>HAZMAT TYPE:</b> OIL	
<b>RAO CLASS:</b>		
<b>LOCATION TYPE:</b>		
<b>SOURCE:</b>		
<b>SITE DESCRIPTION:</b>	COMMERCIAL SITE;	
<b>OTHER CONTAMINATION:</b>		
<b>OTHER RELEASES:</b>	FUEL OIL/DIESEL FUEL	
<b>OTHER PROBLEMS:</b>		
<b>OTHER TYPE OF SITE:</b>		
 <u>SITE ACTIONS</u>		
<b>TS DATE:</b> 19990803 00:00:00		
<b>AUL RESTRICTION:</b>		
<b>LSP:</b> BENSON GOULD		
<b>RA STATUS:</b> FEB RECEIVED		
<b>RAS TYPE:</b> RAO: RESPONSE ACTION OUTCOME		
<b>RAO CLASS:</b>		
<b>TS DATE:</b> 19970804 00:00:00		
<b>AUL RESTRICTION:</b>		
<b>LSP:</b> JOHN STAMATOV		
<b>RA STATUS:</b> COMPLETION STATEMENT RECEIVED		
<b>RAS TYPE:</b> PHASE: PHASE I		
<b>RAO CLASS:</b>		
<b>TS DATE:</b> 19990730 00:00:00		
<b>AUL RESTRICTION:</b> NOT		
<b>LSP:</b> BENSON GOULD		
<b>RA STATUS:</b> RAO STATEMENT RECEIVED		
<b>RAS TYPE:</b> RAO: RESPONSE ACTION OUTCOME		
<b>RAO CLASS:</b> 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.		

- Continued on next page -

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE		
<b>SEARCH ID:</b> 30	<b>DIST/DIR:</b> 0.45 NE	<b>MAP ID:</b> 29
<b>NAME:</b> FAULKNER BROTHERS INC <b>ADDRESS:</b> 2 ALPINE ST SOMERVILLE MA		<b>REV:</b> 1/29/01 <b>ID1:</b> 3-0004043 <b>ID2:</b> <b>STATUS:</b> RAO <b>PHONE:</b>
<b>CONTACT:</b>		
<b>TS DATE:</b> 19970804 00:00:00 <b>AUL RESTRICTION:</b> <b>LSP:</b> JOHN STAMATOV <b>RA STATUS:</b> <b>RAS TYPE:</b> TCLASS: TIER CLASSIFICATION <b>RAO CLASS:</b>		
<b>TS DATE:</b> 19970804 00:00:00 <b>AUL RESTRICTION:</b> <b>LSP:</b> JOHN STAMATOV <b>RA STATUS:</b> TRANSMITTAL RECEIVED <b>RAS TYPE:</b> LSP-FA <b>RAO CLASS:</b>		

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE			
<b>SEARCH ID:</b> 58	<b>DIST/DIR:</b> 0.46 NW	<b>MAP ID:</b> 53	
<b>NAME:</b> NO LOCATION AID		<b>REV:</b> 1/16/02	
<b>ADDRESS:</b> 45 KINGSTON ST SOMERVILLE MA		<b>ID1:</b> 3-0015056	
		<b>ID2:</b>	
<b>CONTACT:</b>		<b>STATUS:</b> TIER 2	
		<b>PHONE:</b>	
 <u>SITE INFORMATION</u>			
<b>LTBI:</b>		<b>CONFIRMED:</b>	
<b>DELETED:</b>		<b>REMOVED:</b>	
<b>CATEGORY:</b> 72 HR		<b>2IE STATUS:</b> TIER 2	
<b>DATE:</b> 4/30/97		<b>2IE DATE:</b> 5/7/98	
<b>PHASE:</b> PHASE II		<b>HAZMAT TYPE:</b> OIL	
<b>RAO CLASS:</b>			
<b>LOCATION TYPE:</b>	RESIDENTIAL,		
<b>SOURCE:</b>	UST;		
<b>SITE DESCRIPTION:</b>			
 <u>CHEMICALS</u>			
FUEL OIL #2 22800 MG/KG			
FUEL OIL #2 197 PPM			
FUEL OIL #2 150 PPMV			
 <u>SITE ACTIONS</u>			
<b>TS DATE:</b>	5/15/1998		
<b>AUL RESTRICTION:</b>			
<b>LSP:</b>			
<b>RA STATUS:</b>	RELATED TO A TRANSITION SITE (NOT TIER CLASSIFIED)		
<b>RAS TYPE:</b>	FEND		
<b>RAO CLASS:</b>			
<b>TS DATE:</b>	5/7/1998		
<b>AUL RESTRICTION:</b>			
<b>LSP:</b>	MARCIA BERGER		
<b>RA STATUS:</b>	TRANSMITTAL RECEIVED		
<b>RAS TYPE:</b>	TCLASS: TIER CLASSIFICATION		
<b>RAO CLASS:</b>			
<b>ACT DATE:</b>	06/27/1997		
<b>ACT USE LIMITATION:</b>			
<b>LSP:</b>			
<b>ACT STATUS:</b>	REPORT		
<b>ACT TYPE:</b>	RNF		
<b>RAO TYPE:</b>			

- Continued on next page -

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE		
<b>SEARCH ID:</b> 58	<b>DIST/DIR:</b> 0.46 NW	<b>MAP ID:</b> 53
<b>NAME:</b> NO LOCATION AID	<b>REV:</b> 1/16/02	
<b>ADDRESS:</b> 45 KINGSTON ST SOMERVILLE MA	<b>ID1:</b> 3-0015056	
	<b>ID2:</b>	
<b>CONTACT:</b>	<b>STATUS:</b> TIER 2	
	<b>PHONE:</b>	
<b>ACT DATE:</b> 05/07/1998		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> MARCIA BERGER		
<b>ACT STATUS:</b> TIER 2 CLASSIFICATION		
<b>ACT TYPE:</b> TCLASS: TIER CLASSIFICATION		
<b>RAO TYPE:</b>		
<b>ACT DATE:</b> 04/30/1997		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b>		
<b>ACT STATUS:</b> REPORT		
<b>ACT TYPE:</b> REL		
<b>RAO TYPE:</b>		
<b>ACT DATE:</b> 03/29/2001		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> MARCIA BERGER		
<b>ACT STATUS:</b> NMDMRC		
<b>ACT TYPE:</b> PHSIII: PHASE III		
<b>RAO TYPE:</b>		
<b>ACT DATE:</b> 10/03/2001		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> MICHAEL PIERDINOCK		
<b>ACT STATUS:</b> STATUS REPORT RECEIVED		
<b>ACT TYPE:</b> IRA: IMMEDIATE RESPONSE ACTION		
<b>RAO TYPE:</b>		
<b>ACT DATE:</b> 05/07/1998		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> MARCIA BERGER		
<b>ACT STATUS:</b> COMPLETION STATEMENT RECEIVED		
<b>ACT TYPE:</b> PHASEI: PHASE I		
<b>RAO TYPE:</b>		
<b>ACT DATE:</b> 01/08/2002		
<b>ACT USE LIMITATION:</b>		
<b>LSP:</b> MARCIA BERGER		
<b>ACT STATUS:</b> SCOPE OF WORK RECEIVED		
<b>ACT TYPE:</b> PHASII: PHASE II		
<b>RAO TYPE:</b>		

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SITE		
<b>SEARCH ID:</b> 61	<b>DIST/DIR:</b> 0.48 SW	<b>MAP ID:</b> 55
<b>NAME:</b> RICHDALE CONDOMINIUMS <b>ADDRESS:</b> 175 RICHDALE AVE CAMBRIDGE MA	<b>REV:</b> 1/29/01 <b>ID1:</b> 3-0001483 <b>ID2:</b> <b>STATUS:</b> RAO <b>PHONE:</b>	
<b>CONTACT:</b>		
<u><b>SITE INFORMATION</b></u>		
<b>LTBI:</b> 1/15/90 <b>DELETED:</b>	<b>CONFIRMED:</b> 4/15/90 <b>REMOVED:</b>	
<b>CATEGORY:</b> <b>DATE:</b> 1/15/90 <b>PHASE:</b> PHASE II	<b>21E STATUS:</b> RAO <b>21E DATE:</b> 7/25/96 <b>HAZMAT TYPE:</b> OIL AND HAZARDOUS MATERIAL	
<b>RAO CLASS:</b>		
<b>LOCATION TYPE:</b>		
<b>SOURCE:</b>		
<b>SITE DESCRIPTION:</b> GROUNDWATER RELEASE; INDUSTRIAL SITE; JUNKYARD; VIRGIN OIL PRESENT; CONTAINED IN A LUST; FORMER; COAL GAS PRESENT; CHLORINATED SOLVENTS PRESENT; RESIDENTIAL SITE; PETROLEUM PRESENT; AUTOMOBILE REPAIR YARD; RELEASE TO SOIL; ALTOGETHER UNCONTAINED; WASTE OIL PRESENT; V.O.C. S PRESENT;		
<b>OTHER CONTAMINATION:</b>		
<b>OTHER RELEASES:</b>		
<b>OTHER PROBLEMS:</b>		
<b>OTHER TYPE OF SITE:</b>		
<u><b>SITE ACTIONS</b></u>		
<b>TS DATE:</b> 19960725 00:00:00		
<b>AUL RESTRICTION:</b>		
<b>LSP:</b> MICHAEL BINGHAM		
<b>RA STATUS:</b>		
<b>RAS TYPE:</b> RAO: RESPONSE ACTION OUTCOME		
<b>RAO CLASS:</b>		

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS SITE			
<b>SEARCH ID:</b> 104	<b>DIST/DIR:</b> 0.10 NE	<b>MAP ID:</b> 77	
<b>NAME:</b>	<b>REV:</b>		
<b>ADDRESS:</b> 363 HIGHLAND AVE SOMERVILLE MA MIDDLESEX	<b>ID1:</b> N90-1418 <b>ID2:</b> 3-2711		
<b>CONTACT:</b> STUGER, B	<b>STATUS:</b>		
	<b>PHONE:</b>		
<b>CASE CLOSED?</b> YES			
<b>SPILL DATE:</b> 19900827	<b>SPILL TIME:</b>		
<b>DATE REPORTED:</b> 19900827	<b>REPORT TIME:</b> 09:30AM		
<b>SPILL NOTIFIER:</b> D PETERS/FD	<b>NOTIFIER PHONE:</b>		
<b>SPILL DESCRIPTION:</b>			
<b>INCIDENT:</b> TANK REMOVAL			
<b>MATERIAL SPILLED:</b> GASOLINE			
<b>AMT RPTD SPILLED:</b> UNKNOWN -----	<b>ACTUAL AMT SPILLED:</b> UNKNOWN -----		
<b>SOURCE OF SPILL:</b> U.S.T.			
<b>PET/HAZ:</b> PETROLEUM	<b>VIR/WASTE:</b> VIRGIN		
<b>PCB LEVEL:</b> -----			
<b>ENVIRONMENTAL IMPACT:</b> SOIL			
<b>LUST?:</b> NO	<b>SOIL CONTAMINATED?:</b>		
<b>CONTRACTOR:</b> NOT USED	<b>PREPARE REPORT:</b>		
<b>DAYS/CLOSE:</b> 0			



*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS SITE

**SEARCH ID:** 100

**DIST/DIR:** 0.11 NE

**MAP ID:** 75

**NAME:** SERVICE STATION  
**ADDRESS:** 371 HIGHLAND AVE  
SOMERVILLE MA 02144

**REV:** 1/16/01  
**ID1:** 3-0015597  
**ID2:**  
**STATUS:** RAO  
**PHONE:**

**CONTACT:**

**LSP:**  
**ACT STATUS:** REPORT  
**ACT TYPE:** RNF  
**RAO TYPE:**





*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS SITE

**SEARCH ID:** 84

**DIST/DIR:** 0.17 SW

**MAP ID:** 67

**NAME:** FROM RUSSELL TO DAVENPORT  
**ADDRESS:** ORCHARD ST  
CAMBRIDGE MA 02139

**REV:** 1/16/01  
**ID1:** 3-0017046

**CONTACT:**

**ID2:**  
**STATUS:** RAO  
**PHONE:**

**ACT DATE:** 07/14/1998  
**ACT USE LIMITATION:**  
**LSP:**  
**ACT STATUS:** REPORT  
**ACT TYPE:** RNF  
**RAO TYPE:**

**ACT DATE:** 07/21/1999  
**ACT USE LIMITATION:**  
**LSP:** VINCENT SPADA  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** PHASE I: PHASE I  
**RAO TYPE:**





*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS SITE		
<b>SEARCH ID:</b> 72	<b>DIST/DIR:</b> 0.20 NE	<b>MAP ID:</b> 1
<b>NAME:</b> BEACON PRINTING INK CO	<b>REV:</b> 1/16/01	
<b>ADDRESS:</b> 84 WINSLOW AVE SOMERVILLE MA 02144	<b>ID1:</b> 3-0017086	
	<b>ID2:</b>	
<b>CONTACT:</b>	<b>STATUS:</b> RAO	
	<b>PHONE:</b>	
<b>LSP:</b>		
<b>ACT STATUS:</b> REPORT		
<b>ACT TYPE:</b> REL		
<b>RAO TYPE:</b>		

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS SITE			
<b>SEARCH ID:</b> 102	<b>DIST/DIR:</b> 0.24 SE	<b>MAP ID:</b> 76	
<b>NAME:</b>		<b>REV:</b>	
<b>ADDRESS:</b> 283 SUMMER ST. SOMERVILLE MA MIDDLESEX		<b>ID1:</b> N90-1634	<b>ID2:</b> 0000
<b>CONTACT:</b> BOYLE, T		<b>STATUS:</b>	
		<b>PHONE:</b>	
<b>CASE CLOSED?</b>	YES	<b>SPILL TIME:</b>	08:00AM
<b>SPILL DATE:</b>	19901003	<b>REPORT TIME:</b>	09:05AM
<b>DATE REPORTED:</b>	19901002	<b>NOTIFIER PHONE:</b>	
<b>SPILL NOTIFIER:</b>	JERRY CORMIER-GLENMOR		
<b>SPILL DESCRIPTION:</b>			
<b>INCIDENT:</b>	SPILL		
<b>MATERIAL SPILLED:</b>	#2 FUEL OIL	<b>ACTUAL AMT SPILLED:</b>	UNKNOWN GALLONS
<b>AMT RPTD SPILLED:</b>	1-10 GALLONS	<b>VIR/WASTE:</b>	VIRGIN
<b>SOURCE OF SPILL:</b>	PIPE/HOSE/LINE		
<b>PET/HAZ:</b>	PETROLEUM		
<b>PCB LEVEL:</b>	NONE		
<b>ENVIRONMENTAL IMPACT:</b>	SOIL		
<b>LUST?:</b>	NO	<b>SOIL CONTAMINATED?:</b>	
<b>CONTRACTOR:</b>	NOT USED	<b>PREPARE REPORT:</b>	
<b>DAYS/CLOSE:</b>	1		

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS SITE

**SEARCH ID:** 87

**DIST/DIR:** 0.24 SW

**MAP ID:** 43

**NAME:** JIMMYS FOREIGN AUTO  
**ADDRESS:** 2055 MASSACHUSETTS AVE  
CAMBRIDGE MA

**REV:** 1/16/01  
**ID1:** 3-0013335  
**ID2:**  
**STATUS:** RAO  
**PHONE:**

**CONTACT:**

SITE INFORMATION

**CATEGORY:** TWO HR  
**DATE:** 1/17/96  
**PHASE:**

**2IE STATUS:** RAO  
**2IE DATE:** 4/17/97  
**HAZMAT TYPE:** OIL

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

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

CHEMICALS

FUEL OIL #2 50 GAL

SITE ACTIONS

**ACT DATE:** 04/17/1997  
**ACT USE LIMITATION:**  
**LSP:** ALTON STONE  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** IRA: IMMEDIATE RESPONSE ACTION  
**RAO TYPE:**

**ACT DATE:** 01/17/1996  
**ACT USE LIMITATION:**  
**LSP:**  
**ACT STATUS:** REPORT  
**ACT TYPE:** REL  
**RAO TYPE:**

**ACT DATE:** 01/21/1997  
**ACT USE LIMITATION:**  
**LSP:**  
**ACT STATUS:** REPORT  
**ACT TYPE:** REL  
**RAO TYPE:**

**ACT DATE:** 02/29/1996  
**ACT USE LIMITATION:**  
**LSP:**  
**ACT STATUS:** REPORT

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*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS SITE

**SEARCH ID:** 87

**DIST/DIR:** 0.24 SW

**MAP ID:** 43

**NAME:** JIMMYS FOREIGN AUTO  
**ADDRESS:** 2055 MASSACHUSETTS AVE  
CAMBRIDGE MA

**REV:** 1/16/01  
**ID1:** 3-0013335  
**ID2:**  
**STATUS:** RAO  
**PHONE:**

**CONTACT:**

**ACT TYPE:** RNF  
**RAO TYPE:**

**ACT DATE:** 04/18/1997  
**ACT USE LIMITATION:** NONE  
**LSP:** ALTON STONE  
**ACT STATUS:** FEE RECEIVED  
**ACT TYPE:** RAO: RESPONSE ACTION OUTCOME  
**RAO TYPE:** A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED  
**TO BACKGROUND**

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS SITE	
<b>SEARCH ID:</b> 91	<b>DIST/DIR:</b> 0.24 SW
<b>MAP ID:</b> 43	
<b>NAME:</b> NO LOCATION AID <b>ADDRESS:</b> 2055 MASS AVE CAMBRIDGE MA	<b>REV:</b> 1/16/01 <b>IDI:</b> 3-0010711 <b>ID2:</b> <b>STATUS:</b> TIER 2 <b>PHONE:</b>
<b>CONTACT:</b>	
<u><b>SITE INFORMATION</b></u>	
<b>LTBI:</b>	<b>CONFIRMED:</b>
<b>DELETED:</b>	<b>REMOVED:</b>
<b>CATEGORY:</b> 72 HR	<b>21E STATUS:</b> TIER 2
<b>DATE:</b> 3/21/94	<b>21E DATE:</b> 3/27/95
<b>PHASE:</b> PHASE IV	<b>HAZMAT TYPE:</b> OIL
<b>RAO CLASS:</b>	
<b>LOCATION TYPE:</b>	COMMERCIAL,
<b>SOURCE:</b>	PIPE; UST;
<b>SITE DESCRIPTION:</b>	GROUNDWATER RELEASE; RELEASE TO SOIL; GASOLINE PRESENT; COMMERCIAL
SITE; CONTAINED IN A LUST;	
<b>OTHER CONTAMINATION:</b>	
<b>OTHER RELEASES:</b>	
<b>OTHER PROBLEMS:</b>	
<b>OTHER TYPE OF SITE:</b>	
<u><b>CHEMICALS</b></u>	
GASOLINE	
GASOLINE 205 PPMV	
<u><b>SITE ACTIONS</b></u>	
<b>TS DATE:</b>	3/27/1995
<b>AUL RESTRICTION:</b>	
<b>LSP:</b>	
<b>RA STATUS:</b>	RELATED TO A TRANSITION SITE (NOT TIER CLASSIFIED)
<b>RAS TYPE:</b>	FEND
<b>RAO CLASS:</b>	
<b>TS DATE:</b>	3/27/1995
<b>AUL RESTRICTION:</b>	
<b>LSP:</b>	DONALD BRUEHL
<b>RA STATUS:</b>	TRANSMITTAL RECEIVED
<b>RAS TYPE:</b>	TCLASS: TIER CLASSIFICATION
<b>RAO CLASS:</b>	
<b>ACT DATE:</b>	05/18/1994
<b>ACT USE LIMITATION:</b>	

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*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS SITE	
<b>SEARCH ID:</b> 91	<b>DIST/DIR:</b> 0.24 SW
<b>MAP ID:</b> 43	
<b>NAME:</b> NO LOCATION AID	<b>REV:</b> 1/16/01
<b>ADDRESS:</b> 2055 MASS AVE CAMBRIDGE MA	<b>IDI:</b> 3-0010711
<b>CONTACT:</b>	<b>ID2:</b>
	<b>STATUS:</b> TIER 2
	<b>PHONE:</b>
<b>LSP:</b>	
<b>ACT STATUS:</b>	REPORT
<b>ACT TYPE:</b>	RNF
<b>RAO TYPE:</b>	
<b>ACT DATE:</b>	07/31/2000
<b>ACT USE LIMITATION:</b>	
<b>LSP:</b>	DONALD BRUEHL
<b>ACT STATUS:</b>	COMPLETION STATEMENT RECEIVED
<b>ACT TYPE:</b>	PHSIII: PHASE III
<b>RAO TYPE:</b>	
<b>ACT DATE:</b>	09/24/1999
<b>ACT USE LIMITATION:</b>	
<b>LSP:</b>	DONALD BRUEHL
<b>ACT STATUS:</b>	COMPLETION STATEMENT RECEIVED
<b>ACT TYPE:</b>	RAM: RELEASE ABATEMENT MEASURE
<b>RAO TYPE:</b>	
<b>ACT DATE:</b>	03/27/1995
<b>ACT USE LIMITATION:</b>	
<b>LSP:</b>	DONALD BRUEHL
<b>ACT STATUS:</b>	TIER 2 CLASSIFICATION
<b>ACT TYPE:</b>	TCLASS: TIER CLASSIFICATION
<b>RAO TYPE:</b>	
<b>ACT DATE:</b>	12/22/2000
<b>ACT USE LIMITATION:</b>	
<b>LSP:</b>	DONALD BRUEHL
<b>ACT STATUS:</b>	WRITTEN PLAN RECEIVED
<b>ACT TYPE:</b>	PHASIV: PHASE IV
<b>RAO TYPE:</b>	
<b>ACT DATE:</b>	03/21/1994
<b>ACT USE LIMITATION:</b>	
<b>LSP:</b>	
<b>ACT STATUS:</b>	REPORT
<b>ACT TYPE:</b>	REL
<b>RAO TYPE:</b>	
<b>ACT DATE:</b>	01/29/1999
<b>ACT USE LIMITATION:</b>	
<b>LSP:</b>	DONALD BRUEHL
<b>ACT STATUS:</b>	COMPLETION STATEMENT RECEIVED
<b>ACT TYPE:</b>	IRA: IMMEDIATE RESPONSE ACTION

- Continued on next page -

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS SITE

**SEARCH ID:** 91

**DIST/DIR:** 0.24 SW

**MAP ID:** 43

**NAME:** NO LOCATION AID  
**ADDRESS:** 2055 MASS AVE  
CAMBRIDGE MA

**REV:** 1/16/01  
**IDI:** 3-0010711  
**ID2:**  
**STATUS:** TIER 2  
**PHONE:**

**CONTACT:**

**RAO TYPE:**

**ACT DATE:** 03/27/1995  
**ACT USE LIMITATION:**  
**LSP:** DONALD BRUEHL  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** PHASE I: PHASE I  
**RAO TYPE:**

**ACT DATE:** 05/25/2000  
**ACT USE LIMITATION:**  
**LSP:** DONALD BRUEHL  
**ACT STATUS:** COMPLETION STATEMENT RECEIVED  
**ACT TYPE:** PHASE II: PHASE II  
**RAO TYPE:**

**Environmental FirstSearch  
Site Detail Report**

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS SITE			
<b>SEARCH ID:</b> 101	<b>DIST/DIR:</b> 0.25 SW	<b>MAP ID:</b> 9	
<b>NAME:</b>		<b>REV:</b>	
<b>ADDRESS:</b> MASS AVE & HADLEY ST. CAMBRIDGE MA		<b>ID1:</b> N90-1290	
		<b>ID2:</b> 0000	
<b>CONTACT:</b> BRADLEY, R		<b>STATUS:</b>	
		<b>PHONE:</b>	
<b>CASE CLOSED?</b>	YES	<b>SPILL TIME:</b>	
<b>SPILL DATE:</b>		<b>REPORT TIME:</b>	02:30PM
<b>DATE REPORTED:</b>	19900806	<b>NOTIFIER PHONE:</b>	
<b>SPILL NOTIFIER:</b>	BILL VERDONE, EPA		
<b>SPILL DESCRIPTION:</b>			
<b>INCIDENT:</b>	DUMPING		
<b>MATERIAL SPILLED:</b>	ETHELYNE GLYCOL, A/FREEZE		
<b>AMT RPTD SPILLED:</b>	UNKNOWN GALLONS	<b>ACTUAL AMT SPILLED:</b>	UNKNOWN GALLONS
<b>SOURCE OF SPILL:</b>	OTHER SOURCE > ??????		
<b>PET/HAZ:</b>	HAZARDOUS	<b>VIR/WASTE:</b>	WASTE
<b>PCB LEVEL:</b>	UNKNOWN		
<b>ENVIRONMENTAL IMPACT:</b>			
<b>LUST?:</b>	NO	<b>SOIL CONTAMINATED?:</b>	
<b>CONTRACTOR:</b>	NOT USED	<b>PREPARE REPORT:</b>	
<b>DAYS/CLOSE:</b>	1		

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS SITE			
<b>SEARCH ID:</b> 103	<b>DIST/DIR:</b> 0.25 SW	<b>MAP ID:</b> 9	
<b>NAME:</b>		<b>REV:</b>	
<b>ADDRESS:</b> MASS AVE. & HADLEY CAMBRIDGE MA MIDDLESEX		<b>IDI:</b> N90-1461	
<b>CONTACT:</b> STUGER, B		<b>ID2:</b> 0000	
		<b>STATUS:</b>	
		<b>PHONE:</b>	
<b>CASE CLOSED?</b>	YES	<b>SPILL TIME:</b>	
<b>SPILL DATE:</b>		<b>REPORT TIME:</b>	09:10AM
<b>DATE REPORTED:</b>	19900904	<b>NOTIFIER PHONE:</b>	
<b>SPILL NOTIFIER:</b>	JILL POTTER		
<b>SPILL DESCRIPTION:</b>			
<b>INCIDENT:</b>	DUMPING		
<b>MATERIAL SPILLED:</b>	ETHELYNE GLYCOL, A/FREEZE		
<b>AMT RPTD SPILLED:</b>	UNKNOWN GALLONS	<b>ACTUAL AMT SPILLED:</b>	UNKNOWN GALLONS
<b>SOURCE OF SPILL:</b>	-----		
<b>PET/HAZ:</b>	HAZARDOUS	<b>VIR/WASTE:</b>	WASTE
<b>PCB LEVEL:</b>	UNKNOWN		
<b>ENVIRONMENTAL IMPACT:</b>			
<b>LUST?:</b>	NO	<b>SOIL CONTAMINATED?:</b>	
<b>CONTRACTOR:</b>	NOT USED	<b>PREPARE REPORT:</b>	
<b>DAYS/CLOSE:</b>	1		



*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS SITE		
<b>SEARCH ID:</b> 97	<b>DIST/DIR:</b> 0.25 SW	<b>MAP ID:</b> 73
<b>NAME:</b> REAR OF BLDG <b>ADDRESS:</b> 2000 MASSACHUSETTS AVE CAMBRIDGE MA 02139	<b>REV:</b> 1/16/01 <b>IDI:</b> 3-0010490 <b>ID2:</b> <b>STATUS:</b> RAO <b>PHONE:</b>	
<b>CONTACT:</b>		
<b>ACT STATUS:</b> FEE RECEIVED <b>ACT TYPE:</b> RAO: RESPONSE ACTION OUTCOME <b>RAO TYPE:</b> A2 - A PERMANENT SOLUTION HAS BEEN ACHIEVED: CONTAMINATION HAS NOT BEEN REDUCED TO BACKGROUND		
<b>ACT DATE:</b> 01/29/1994 <b>ACT USE LIMITATION:</b> <b>LSP:</b> <b>ACT STATUS:</b> REPORT <b>ACT TYPE:</b> REL <b>RAO TYPE:</b>		

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS 80's SITE			
<b>SEARCH ID:</b> 111	<b>DIST/DIR:</b> 0.02 NW	<b>MAP ID:</b> 82	
<b>NAME:</b> <b>ADDRESS:</b> 371 SUMMER ST. SOMERVILLE MA		<b>REV:</b> <b>ID1:</b> N85-0866 <b>ID2:</b> 0000 <b>STATUS:</b> <b>PHONE:</b>	
<b>CONTACT:</b> BESTER			
<b>SPILL DATE:</b> 19851113 <b>DATE REPORTED:</b> <b>SPILL NOTIFIER:</b>		<b>SPILL TIME:</b> <b>REPORT TIME:</b> <b>NOTIFIER PHONE:</b>	
<b>INCIDENT:</b> <b>MATERIAL SPILLED:</b> #2 FUEL OIL <b>AMT RPTD SPILLED:</b> 200-300 GAL <b>SOURCE OF SPILL:</b> <b>PET/HAZ:</b> <b>PCB LEVEL:</b>		<b>ACTUAL AMT SPILLED:</b> <b>VIR/WASTE:</b>	
<b>ENVIRONMENTAL IMPACT:</b>			
<b>LUST?:</b> <b>CONTRACTOR:</b> <b>DAYS/CLOSE:</b> 1		<b>SOIL CONTAMINATED?:</b> <b>PREPARE REPORT:</b>	

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS 80's SITE			
<b>SEARCH ID:</b> 106	<b>DIST/DIR:</b> 0.10 NE	<b>MAP ID:</b> 77	
<b>NAME:</b> SOMERSET PAPER CO		<b>REV:</b>	
<b>ADDRESS:</b> 363 HIGHLAND AVE		<b>ID1:</b> N89-1434	
SOMERVILLE MA		<b>ID2:</b> 3-2711	
MIDDLESEX		<b>STATUS:</b>	
<b>CONTACT:</b> GORRASI, M		<b>PHONE:</b>	
<b>SPILL DATE:</b> 19890824		<b>SPILL TIME:</b>	
<b>DATE REPORTED:</b> 19890824		<b>REPORT TIME:</b> 02:45PM	
<b>SPILL NOTIFIER:</b> BRUCE LINTON		<b>NOTIFIER PHONE:</b>	
<b>INCIDENT:</b> LEAK			
<b>MATERIAL SPILLED:</b> MISCELLANEOUS OIL			
<b>AMT RPTD SPILLED:</b> UNKNOWN -----		<b>ACTUAL AMT SPILLED:</b> UNKNOWN -----	
<b>SOURCE OF SPILL:</b> U.S.T.			
<b>PET/HAZ:</b> PETROLEUM		<b>VIR/WASTE:</b> WASTE	
<b>PCB LEVEL:</b> -----			
<b>ENVIRONMENTAL IMPACT:</b> SOIL			
<b>LUST?:</b> NO		<b>SOIL CONTAMINATED?:</b>	
<b>CONTRACTOR:</b> NOT USED		<b>PREPARE REPORT:</b>	
<b>DAYS/CLOSE:</b> 0			



*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS 80's SITE			
<b>SEARCH ID:</b> 108	<b>DIST/DIR:</b> 0.18 SE	<b>MAP ID:</b> 79	
<b>NAME:</b>		<b>REV:</b>	
<b>ADDRESS:</b> 298 SUMMER STREET SOMERVILLE MA		<b>ID1:</b> N89-0255	
		<b>ID2:</b> 0000	
<b>CONTACT:</b> MACAFEE, K		<b>STATUS:</b>	
		<b>PHONE:</b>	
<b>SPILL DATE:</b> 19890224		<b>SPILL TIME:</b>	
<b>DATE REPORTED:</b> 19890224		<b>REPORT TIME:</b> 09:00AM	
<b>SPILL NOTIFIER:</b>		<b>NOTIFIER PHONE:</b>	
<b>INCIDENT:</b> RUPTURE			
<b>MATERIAL SPILLED:</b> #2 FUEL OIL			
<b>AMT RPTD SPILLED:</b> NONE		<b>ACTUAL AMT SPILLED:</b> NONE	
<b>SOURCE OF SPILL:</b> TANKER TRUCK			
<b>PET/HAZ:</b> PETROLEUM		<b>VIR/WASTE:</b> VIRGIN	
<b>PCB LEVEL:</b>			
<b>ENVIRONMENTAL IMPACT:</b>			
<b>LUST?:</b>		<b>SOIL CONTAMINATED?:</b>	
<b>CONTRACTOR:</b> NOT USED		<b>PREPARE REPORT:</b>	
<b>DAYS/CLOSE:</b> 1			

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS 80's SITE			
<b>SEARCH ID:</b> 109	<b>DIST/DIR:</b> 0.21 SW	<b>MAP ID:</b> 80	
<b>NAME:</b>		<b>REV:</b>	
<b>ADDRESS:</b> 2067 MASS AV CAMBRIDGE MA		<b>ID1:</b>	N88-0035
		<b>ID2:</b>	0000
<b>CONTACT:</b> LUTHER, W		<b>STATUS:</b>	
		<b>PHONE:</b>	
<b>SPILL DATE:</b> 19880112		<b>SPILL TIME:</b> : AM	
<b>DATE REPORTED:</b> 19880112		<b>REPORT TIME:</b> 09:45AM	
<b>SPILL NOTIFIER:</b>		<b>NOTIFIER PHONE:</b>	
<b>INCIDENT:</b>			
<b>MATERIAL SPILLED:</b> UNKNOWN		<b>ACTUAL AMT SPILLED:</b> NONE _____	
<b>AMT RPTD SPILLED:</b> NONE _____			
<b>SOURCE OF SPILL:</b> OTHER SOURCE >			
<b>PET/HAZ:</b> HAZARDOUS		<b>VIR/WASTE:</b> VIRGIN	
<b>PCB LEVEL:</b>			
<b>ENVIRONMENTAL IMPACT:</b>			
<b>LUST?:</b>		<b>SOIL CONTAMINATED?:</b>	
<b>CONTRACTOR:</b> NOT USED		<b>PREPARE REPORT:</b>	
<b>DAYS/CLOSE:</b> 1			

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS 80's SITE			
<b>SEARCH ID:</b> 110	<b>DIST/DIR:</b> 0.24 SE	<b>MAP ID:</b> 81	
<b>NAME:</b>		<b>REV:</b>	
<b>ADDRESS:</b> OPP. 43 DAVENPORT ST. CAMBRIDGE MA		<b>IDI:</b> N86-0475	
		<b>ID2:</b> 0000	
<b>CONTACT:</b> CHU, R		<b>STATUS:</b>	
		<b>PHONE:</b>	
<b>SPILL DATE:</b> 19860610		<b>SPILL TIME:</b>	
<b>DATE REPORTED:</b>		<b>REPORT TIME:</b>	
<b>SPILL NOTIFIER:</b>		<b>NOTIFIER PHONE:</b>	
<b>INCIDENT:</b>			
<b>MATERIAL SPILLED:</b> PCB OIL		<b>ACTUAL AMT SPILLED:</b>	
<b>AMT RPTD SPILLED:</b> 20 GALS.			
<b>SOURCE OF SPILL:</b>		<b>VIR/WASTE:</b>	
<b>PET/HAZ:</b>			
<b>PCB LEVEL:</b>			
<b>ENVIRONMENTAL IMPACT:</b>			
<b>LUST?:</b>		<b>SOIL CONTAMINATED?:</b>	
<b>CONTRACTOR:</b>		<b>PREPARE REPORT:</b>	
<b>DAYS/CLOSE:</b> 1			

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS 80's SITE			
<b>SEARCH ID:</b> 112	<b>DIST/DIR:</b> 0.24 SW	<b>MAP ID:</b> 43	
<b>NAME:</b>		<b>REV:</b>	
<b>ADDRESS:</b> 2055 MASS AVE. CAMBRIDGE MA		<b>ID1:</b> N87-1497	
		<b>ID2:</b> 0000	
<b>CONTACT:</b> OTTENHEIMER, D		<b>STATUS:</b>	
		<b>PHONE:</b>	
<b>SPILL DATE:</b>	19871022	<b>SPILL TIME:</b>	02:00
<b>DATE REPORTED:</b>	19871022	<b>REPORT TIME:</b>	03:00
<b>SPILL NOTIFIER:</b>		<b>NOTIFIER PHONE:</b>	
<b>INCIDENT:</b>	OVERFILL		
<b>MATERIAL SPILLED:</b>	GASOLINE		
<b>AMT RPTD SPILLED:</b>	51-100 GALLONS	<b>ACTUAL AMT SPILLED:</b>	51-100 GALLONS
<b>SOURCE OF SPILL:</b>	PIPE/HOSE/LINE		
<b>PET/HAZ:</b>	PETROLEUM	<b>VIR/WASTE:</b>	VIRGIN
<b>PCB LEVEL:</b>			
<b>ENVIRONMENTAL IMPACT:</b>			
<b>LUST?:</b>		<b>SOIL CONTAMINATED?:</b>	
<b>CONTRACTOR:</b>	NOT USED	<b>PREPARE REPORT:</b>	
<b>DAYS/CLOSE:</b>	1		

*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

STATE SPILLS 80's SITE			
<b>SEARCH ID:</b>	107	<b>DIST/DIR:</b>	0.24 SW
		<b>MAP ID:</b>	78
<b>NAME:</b>	ST JAMES EPISCOPAL CHURCH	<b>REV:</b>	
<b>ADDRESS:</b>	1991 MASS. AVE. CAMBRIDGE MA MIDDLESEX	<b>ID1:</b>	N88-1917
<b>CONTACT:</b>	STEWART, B	<b>ID2:</b>	0000
		<b>STATUS:</b>	
		<b>PHONE:</b>	
<b>SPILL DATE:</b>		<b>SPILL TIME:</b>	
<b>DATE REPORTED:</b>	19881206	<b>REPORT TIME:</b>	04:02PM
<b>SPILL NOTIFIER:</b>		<b>NOTIFIER PHONE:</b>	
<b>INCIDENT:</b>			
<b>MATERIAL SPILLED:</b>	#2 FUEL OIL	<b>ACTUAL AMT SPILLED:</b>	NONE _____
<b>AMT RPTD SPILLED:</b>	NONE _____		
<b>SOURCE OF SPILL:</b>	U.S.T.	<b>VIR/WASTE:</b>	VIRGIN
<b>PET/HAZ:</b>	PETROLEUM		
<b>PCB LEVEL:</b>			
<b>ENVIRONMENTAL IMPACT:</b>			
<b>LUST?:</b>		<b>SOIL CONTAMINATED?:</b>	
<b>CONTRACTOR:</b>	NOT USED	<b>PREPARE REPORT:</b>	
<b>DAYS/CLOSE:</b>	0		

















*Environmental FirstSearch  
Site Detail Report*

**TARGET SITE:** 343 SUMMER ST  
SOMERVILLE MA 02144

**JOB:** 702-238

**REGISTERED UNDERGROUND STORAGE TANKS**

**SEARCH ID:** 117

**DIST/DIR:** 0.24 SW

**MAP ID:** 43

**NAME:** GAS WITH A SMILE  
**ADDRESS:** 2055 MASSACHUSETTS AVE  
CAMBRIDGE MA 02140

**REV:** 1/18/02  
**IDI:** 0-009222  
**ID2:** 17049  
**STATUS:**  
**PHONE:**

**CONTACT:**

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

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

**TANK NUMBER:** 7  
**TANK STATUS:** IN USE  
**SERIAL NUMBER:**  
**ABOVE GROUND:** N  
**CAPACITY(GAL):** 6000  
**CONTENTS:** GASOLINE  
**USE:**

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

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

**Environmental FirstSearch  
Federal Databases and Sources**

1. **NPL: National Priority List.** The EPA's list of confirmed or proposed Superfund sites.

*Updated quarterly.*

2. **CERCLIS: Comprehensive Environmental Response Compensation and Liability Information System.** The EPA's database of current and potential Superfund sites currently or previously under investigation.

*Updated quarterly.*

3. **RCRIS: Resource Conservation and Recovery Information System.** The EPA's database of registered hazardous waste generators and treatment, storage and disposal facilities. Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List).

*Updated quarterly.*

4. **ERNS: Emergency Response Notification System.**  
The EPA's database of EPA emergency response actions.

*Updated quarterly.*

5. **NPDES: National Pollution Discharge Elimination System.**  
The EPA's database of all permitted facilities receiving and discharging effluents to and from the environment.

*Updated semi-annually.*

6. **FINDS: The Facility Index System.** The EPA's Index of identification numbers associated with a property or facility which the EPA has investigated or has been made aware of in conjunction with various regulatory programs. Each record indicates the EPA office that may have files on the site or facility.

*Updated quarterly.*

**Environmental FirstSearch  
Massachusetts Databases and Sources**

1. **State Sites:** Confirmed Disposal Sites and Locations To Be Investigated. The Department of Environmental Protection Agency database of confirmed, LTBI, waiver, deleted and reserved sites maintained by the Bureau of Waste Site Cleanup.

*Updated immediately upon release.*

2. **Spills:** The Department of Environmental Protection Agency database of emergency response actions and spill releases maintained by the Bureau of Waste Site Cleanup.

*Updated immediately upon release.*

3. **Landfills:** The Department of Environmental Protection Agency database of active solid waste landfill facilities maintained by the Division of Solid Waste Management.

*Updated annually.*

4. **UST:** Underground Storage Tanks. The Department of Public Safety/Office of the Fire Marshall's database of registered underground storage tanks.

*Updated semi-annually.*

5. **PWS:** The Department of Environmental Protection Agency's database of public water supply well locations maintained by the Division of Water Supply and MassGIS.

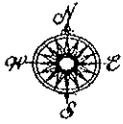
*Updated semi-annually.*

6. **Aquifers:** The Executive Office of Environmental Affairs GIS database of high, medium and low yield aquifers, EPA sole source aquifers, known zone II boundaries for public water supplies and surface water.

*Updated annually.*

7. **ACEC:** Areas of Critical Environmental Concern. The Executive Office of Environmental Affairs GIS database of legislated ACECs, protected open spaces, estimated habitats of endangered species and vernal pools.

*Updated annually.*



**Environmental FirstSearch**  
 1 Mile Radius  
 ASTM Map: NPL, RCRA COR, STATE Sites



**343 SUMMER ST, SOMERVILLE MA 02144**



Source: 1999 U.S. Census TIGER Files

- Target Site (Latitude: 42.393472 Longitude: -71.119104) .....
  - Identified Site, Multiple Sites, Receptor .....
  - NPL, Solid Waste Landfill (SWL) or Hazardous Waste .....
  - Railroads .....
- Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius



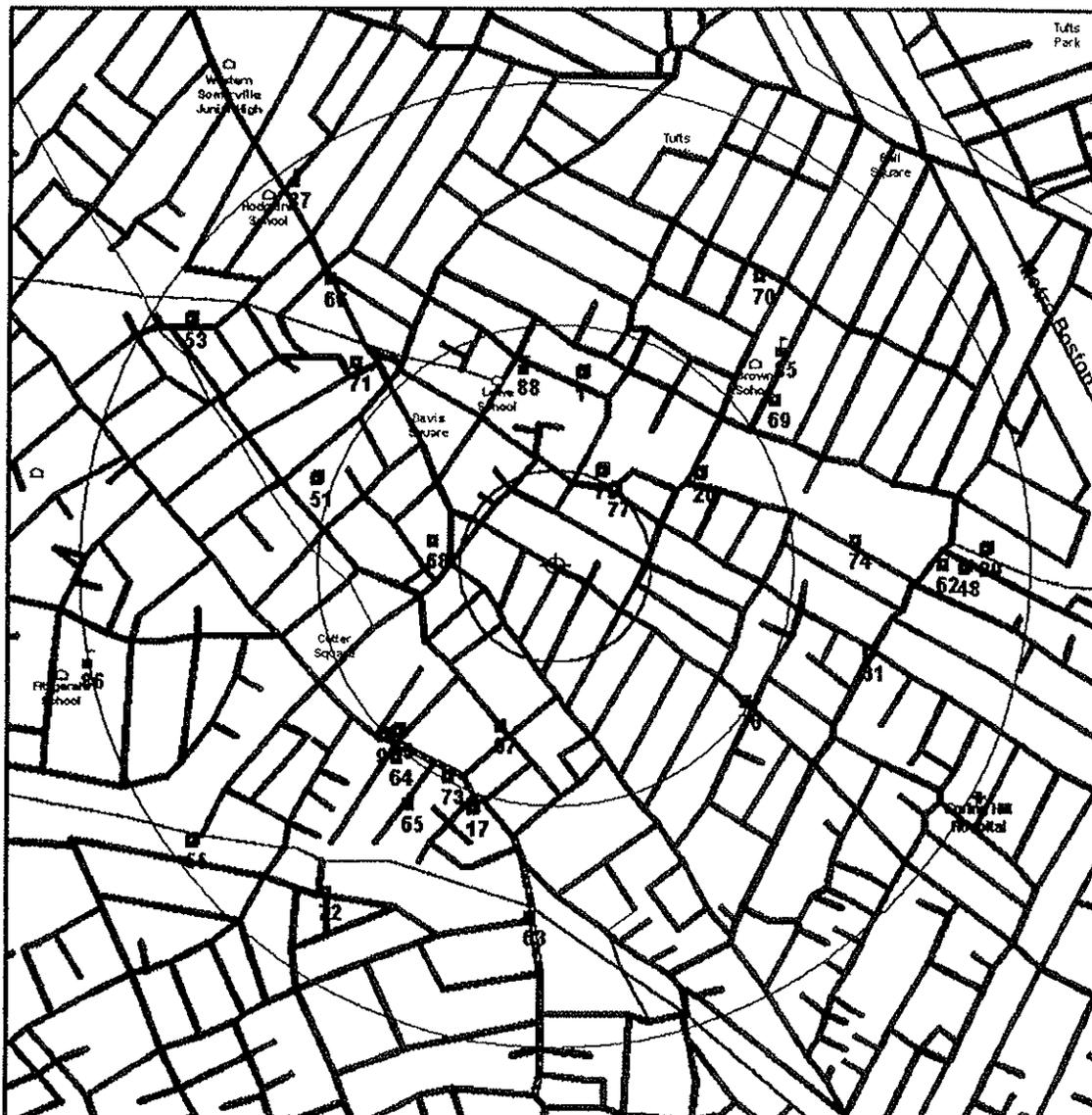
# Environmental FirstSearch

.5 Mile Radius

ASTM Map: CERCLIS, RCRATSD, SPILLS90, SWL



343 SUMMER ST, SOMERVILLE MA 02144



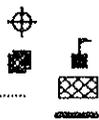
Source: 1999 U.S. Census TIGER Files

Target Site (Latitude: 42.393472 Longitude: -71.119104) .....

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

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

Railroads .....



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



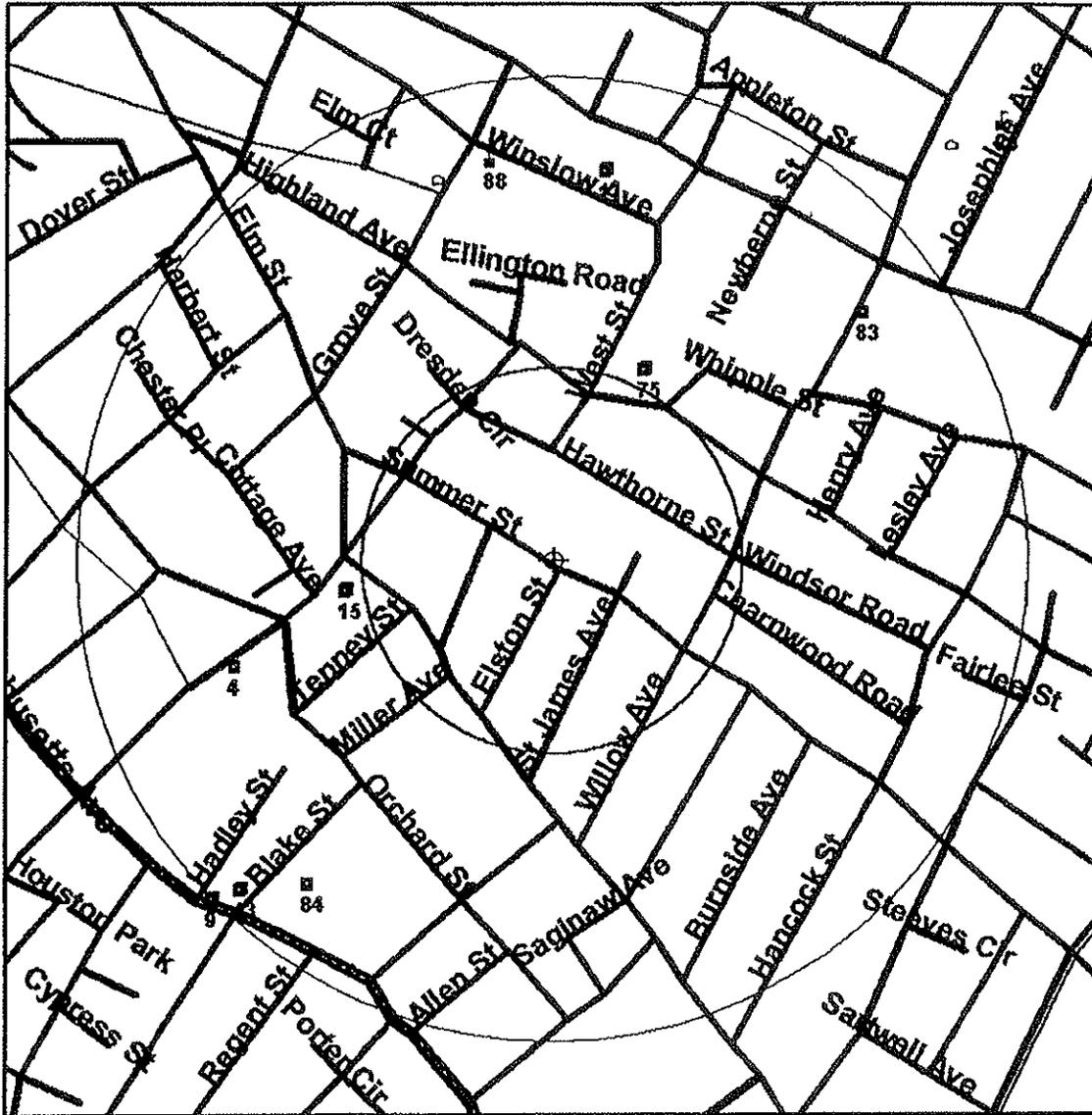
# Environmental FirstSearch

.25 Mile Radius

ASTM Map: RCRAGEN, ERNS, UST



## 343 SUMMER ST, SOMERVILLE MA 02144



Source: 1999 U.S. Census TIGER Files

Target Site (Latitude: 42.393472 Longitude: -71.119104) .....

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

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

Railroads .....

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



**ATTACHMENT "C"**  
**Regulatory/Municipal Records**



# **GFS**

## **GEOLOGICAL FIELD SERVICES, INC.**

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### **PHASE I INITIAL SITE INVESTIGATION**

**Prepared for:  
201 - 203 Elm Street  
Somerville, MA 02143**

**Submitted to:  
I & C Corporation  
Boston, Massachusetts**

**Prepared by:  
Geological Field Services, Inc.**

**Dated: June 11, 1999**

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## EXECUTIVE SUMMARY

The Site is located at 201- 203 Elm Street in Somerville, Massachusetts, and is owned by the I & C Corporation. I & C purchased the property from the Texaco Company in the late 1980's. The Texaco Company had owned the property and operated it as a gasoline services station from 1947 until 1985. The Site is being used by a Domino's Pizza and Wing Works. The building is serviced by municipal gas, electric, water and sewer services. The properties that abut the Site are all commercial properties.

The Site was listed by MADEP in 1987, under RTN 3-0000149 for a gasoline release. It's current status is listed as Default Tier 1B. Two environmental site assessment reports were available in MADEP's files for this Site. The first investigation report was prepared by GZA in 1985. The second report was prepared in 1986 by Groundwater Technology. Both reports were prepared for Texaco Refining and Marketing and concluded that significant levels of VOCs had been released from the 3,000 and a 2,000-gallon capacity USTs and from spillage near the tanks and the pump island.

This Phase I was conducted to determine the current concentrations of petroleum hydrocarbons in soil and ground water at the Site. Seven shallow soil borings were advanced, four monitoring wells were installed, and four soil samples and three ground water samples were collected. The soil and ground water samples were submitted for laboratory analysis of total RCRA 8 metals, VOCs by EPA Test Method 8260, VPH and EPH.

No metals, VOCs, EPH or PAH compounds were detected above their respective Method 1 Clean-up Standards in the three soil samples. Aliphatics in the C5-C8 carbon range were detected in soil samples B1-S3 (646 ppm), B2-S4 (863 ppm), B4-S4 (933 ppm), and B5-S4 (182 ppm) above the Method 1 S-3/GW-2 and GW-3 Clean-up Standard of 500 ppm. Aromatics in the C9-C10 carbon range were detected in samples B1-S3 (320 ppm), B2-S4 (601 ppm), B4-S4 (706 ppm), and B5-S4 (280 ppm). The Method 1 S-3/GW-2 and GW-3 Clean-up Standard for C9-C10 aromatics is 500 ppm.

Total arsenic, barium, and chromium were detected in all of the ground water samples below their respective Method 1 GW-3 Clean-up Standards. Total lead was detected above its applicable Method 1 GW-3 Clean-up Standard of 30 ppb in ground water samples MW-99-1 (387 ppb), MW-99-2 (636 ppb) and MW-99-3 (333 ppb). However, total metal concentrations do not represent concentrations of metals that may be dissolved in ground water. In the future, ground water samples to be analyzed for lead should be field filtered so that dissolved concentrations can be compared to the applicable MCP standard.

In ground water sample MW-99-1, toluene (10,200 & 11,100 ppb) exceeded its Method 1 GW-2 Clean-up Standard (6,000 ppb) but not its GW-3 Clean-up Standard (50,000 ppb). Total xylene exceeded its Method 1 GW-2 Clean-up Standard (6,000 ppb) but not its GW-3 Clean-up Standard (50,000 ppb) in the ground water samples collected from monitoring wells MW-99-1 (15,600 & 16,650 ppb) and MW-99-2 (7,480 & 9,270 ppb).

Aliphatics in the C5-C8 carbon range were detected in all three ground water samples MW-99-1 (11,400 ppb), MW-99-2 (6,430 ppb) and MW-99-3 (3,260 ppb) above the Method 1 GW-2 and

GW-3 Clean-up Standards of 1,000 ppb and 4,000 ppb respectively. Aromatics in the C9-C10 carbon range were detected in all three ground water samples MW-99-1 (13,200 ppb), MW-99-2 (16,000 ppb) and MW-99-3 (14,600 ppb) above the Method 1 GW-2 and GW-3 Clean-up Standard of 5,000 ppb and 4,000 ppb respectively.

Aliphatic EPH compounds in the C9-C18 carbon range and aromatics in the C11-C22 carbon range were detected below their respective Method 1 GW-2 and GW-3 Clean-up Standards in all three ground water samples. Naphthalene and 2-methylnaphthalene were also detected in all three ground water samples at concentrations below their applicable Method 1 GW-2 and GW-3 Clean-up Standards.

Under Section 40.0486 of the MCP, Comprehensive Response Actions are necessary at the disposal site. Tier Classification of the site shall be undertaken by the Responsible Parties (RPs), Potentially Responsible Parties (PRPs) or Other Persons, prior to the initiation of Comprehensive Remedial Actions.

## 1.0 Introduction

The objective of this Phase I Initial Site Investigation was to determine if further actions, are necessary under 310 CMR 40.000 the Massachusetts Contingency Plan (MCP), to remediate a release of oil and/or hazardous materials and to facilitate Tier Classification. The release was first listed by the Massachusetts Department of Environmental Protection (MADEP) on January 15, 1987, and was assigned Release Tracking Number (RTN) 3-0000149. The subject site is located at 201 - 203 Elm Street, Somerville, Massachusetts, (Site), 02144. The Site is currently owned by I & C Corporation of Boston, Massachusetts.

### 1.1 Scope of Work

The scope of work for this Phase I Initial Site Investigation included a file review of local, state and federal records, site reconnaissance visits, subsurface investigation, laboratory analyses and report preparation. GFS has visited the Site to look for evidence of oil and/or hazardous materials from past or current uses. The terms "oil and/or hazardous materials" are used in this report as defined by MADEP in the MCP. Work was conducted in accordance with the GFS "Phase I Preliminary Environmental Site Assessment Guidance Document" and scope of work.

### 1.2 Data Resources

The file review included a review of site-specific and regional information collected from various agencies, including: The City of Somerville Assessors office, Health Department, Inspectional Services and Office of Fire Prevention, MADEP- Bureau of Waste Site Cleanup; and U.S. Environmental Protection Agency (EPA) databases via Internet search. Information gathered was evaluated along with observations made during a site walkover to assess the general environmental condition of the Site.

## 2.0 Location and Description

### 2.1 Site Location

The Site is located at 201- 203 Elm Street in Somerville, Massachusetts and is shown on the USGS Boston North Quadrangle map, Figure 1. The Site coordinates are approximately 71° 07' 13" longitude and 42° 23' 37" latitude (UTM 4,695,464N 325,419E). The Site encompasses an area of approximately 10,097 square feet and is identified as Lot C12 on Map #26 of the City of Somerville's Assessor Maps (Figure 2) and is zoned "Neighborhood Business."

### 2.2 Site Description

Site visits were made by GFS personnel to observe general on-site conditions and identify evidence of potential releases or threats of releases of oil and/or hazardous materials associated with the current use of the Site. The general condition of the abutting properties was also observed.

The Site is situated on a level lot with the frontage toward the west along Cutter Avenue as shown on Figure 2. The Site is improved with a single story building that is currently being used by a Domino's Pizza and Wing Works, a take out food business. The building is slab on-grade and constructed of concrete blocks. The front addition of the building has a tile veneer. Beyond the foot print of the building the Site is mostly paved with a small grassed fringe between the parking lot and the sidewalk. The building is serviced by municipal gas, electric, water and sewer services. Storm water runoff is directed off of the Site toward the north and south of the parking area.

To the north, across Summer Street, is Davis Square Automotive Services, a one story commercial building with an office and one garage bay. To the northeast and across Summer Street from the Site, is a two-story commercial building that houses the Winter Hill Federal Savings Bank and the Veterans of Foreign Wars Post 529. Southeast of the Site is a two-story commercial building accommodating Morgan Wheelock Landscape Architects and Bay State Newspapers. To the south is a two-story residential/commercial building occupied by Wisdom Publications. Across Elm Street, to the west, is The Church of the Nazarene, a two-story brick structure. To the southwest across Elm Street is a two-story residential building constructed of brick and wood siding. To the west, across Elm Street, is a three-story, commercial brick building occupied by U.S. Trust. In the middle of the intersection of Cutter, Elm and Summer Streets, northwest of the Site, is a triangular shaped parking lot. There are no institutions within 500 feet of the Site. The number of on-site workers, when in operation, is estimated to be approximately 15 to 30 people.

### **3.0 Site History**

#### **3.1 Ownership and Land Use**

The Site is currently owned by I & C Corporation of Boston, Massachusetts and is leased to Domino's Pizza. Based on the available information, I & C purchased the property from the Texaco Company in the late 1980's. The date the property was transferred and the deed book and page number were not available from the Somerville Assessor's Office. The Texaco Company had owned the property and operated it as a gasoline services station from 1947 until 1985 when the underground storage tanks (USTs) were removed. Prior to Texaco, the Somerville Overland Company, an automobile dealership, owned the property.

#### **3.2 File Review Information**

Record reviews were conducted at various local agencies including MADEP Northeast Regional Office (NERO), and the City of Somerville Assessors Office, Health Department, Inspectional Services and Office of Fire Prevention. EPA CERCLIS, NPL, RCRA and Emergency Response Notification records for Somerville were reviewed over the Internet, via the RTN Environmental Database, This database was started in support of the EPCRA legislation (Emergency Planning and Community Right-to-Know Act).

The database is operated by two nonprofit agencies and funded through the government. Available information pertaining to releases or threat of releases of oil and/or hazardous material at the Site or in the vicinity of the Site is discussed below.

#### **EPA**

EPA's CERCLIS, NPL, Emergency Response Notification and RCRA Notifiers lists were reviewed. The Site is not currently on these lists. There are two CERCLIS sites, no NPL sites and 26 RCRA facilities listed in Somerville. None of the listed facilities are in proximity to the Site. It should be noted that the database reflects activities of EPA only and in some cases where a site is listed as lower priority or requiring no further action, the MADEP may be leading some remedial or investigatory activity or EPA CERCLA may be involved through another regulatory branch (e.g., RCRA). Copies of the databases are presented in Appendix A.

#### **MADEP**

State records regarding the release(s) of oil and/or hazardous materials at the Site and surrounding properties were reviewed at the MADEP NERO in Wilmington, Massachusetts. State sources reviewed include the current MADEP "List of Transition and Tier Classified Sites" (1998), the "Spills List" (September 1993), MADEP NERO Archived Spill Tracking System" (1998) and the "Solid Waste Database" (December 1994). Data collected during the file review are presented as Appendix B.

A total of 92 sites located in Somerville appear on the MADEP 1998 "List of Transition and Tier Classified Sites." This Site was listed in 1987, under RTN 3-0000149 and its status is listed as Default Tier 1B. Two environmental site assessment reports were available in MADEP's files for this Site. The contents of those reports are summarized in Section 4.0 "Previous Investigations". Of the 92 sites that are listed, one is listed as "Tier 1B", 8 as "Default Tier B1," 16 as "Tier 2", 20 as "Category Tier 2", 5 as "Waiver Completion Statement," nine as "NFA" (No Further Action) or "Pendng NFA" 16 as "RAO" (Response Action Outcome), 11 as "Undetermined," 2 "NDS", 1 "DPS", and 3 are not ranked. The Site was not listed on the Solid Waste Database nor were there any listed Solid Waste Management Facilities within a one-half mile radius of the Site.

Three of the listed sites are in proximity to this Site including Best Petroleum at 208 Elm Street, Ming Toy Restaurant at 212 - 214 Elm Street and J. & R. Automotive at 112 Highland Street. Best Petroleum was listed in 1989 and was listed as requiring no further action in 1995. Ming Toy Restaurant is listed as a Default Tier 1B site. Ming Toy was listed in 1988. No other actions are on recorded with MADEP. J. & R. Automotive was first listed in 1992. An RAO Completion Statement was filed for the site in 1994.

#### **City of Somerville Assessors Office**

Records at the City of Somerville Assessors Office were reviewed to determine the current Site owner and zoning, as well as the deed book and page number. As previously

stated, the Site is owned by I & C Corporation of Boston, Massachusetts. The site is zoned "NB" or "Neighborhood Business." The deed book and page numbers were not available from the Assessors Office. Copies of the Assessors data sheets are presented in Appendix C.

#### **Conservation Commission**

There are no surface water features or wetland resource areas within 200 feet of the Site. Therefore, the City of Somerville Conservation Commission files were not reviewed as part of this investigation.

#### **Health Department**

There were no files found for the Site at the City of Somerville Health Department.

#### **Somerville City Clerk**

Records at City Clerk's office indicate that a permit for a 4,460-gallon capacity UST was issued for the Site in 1921. In 1950, a second permit was issued for a 4,500-gallon capacity UST and in 1973, a third permit was issued for a 6,020-gallon capacity UST. All three of the permitted USTs were used to store gasoline.

In June and August of 1985, Goldberg-Zoino & Associates, Inc. (GZA) removed six USTs from the Site. The USTs included three USTs used to store gasoline. The USTs were 6,000, 3,000 and (2) 2,000-gallon capacity tanks. One 1,000-gallon capacity fuel oil UST and one 550-gallon capacity waste oil UST were also removed. Evidence of releases was observed from one of the 2,000 gallon capacity USTs and the 3,000-gallon capacity UST. GZA concluded that significant levels of volatile organic compounds (VOCs) were released at the Site from the two USTs. The GZA report is presented as Appendix D and is summarized in Section 4.0 "Previous Investigation."

## **4.0 Previous Investigations**

Two previous investigation reports were found in the MADEP files. The first investigation report was prepared by GZA in 1985. The second report was prepared in 1986 by Groundwater Technology (GWT). The following are summaries of these reports.

### **4.1 GZA's Environmental Assessment**

In September of 1985, GZA submitted an Environmental Site Assessment report for 201-203 Elm Street in Somerville, Massachusetts to Texaco Refining and Marketing. The report included a summary of UST removal actions and a subsurface investigation. The subsurface investigation consisted of four borings completed as monitoring wells, soil and ground water sampling and laboratory analysis. GZA concluded that significant levels of VOCs had been released from two USTs. A copy of GZA's report is presented as Appendix D.

On June 19 and 20, 1985, GZA removed four USTs, (1) 6,000, (1) 3,000, and (2) 2,000-gallon capacity tanks, from the Site. The locations of the USTs are shown on Figure 3. Evidence of gasoline releases was observed from the 3,000 and one of the 2,000-gallon capacity USTs. When the 3,000-gallon capacity UST was removed, strong gasoline odors were observed from the excavation. Visual inspection of the tank revealed a 2.5 x 0.2 inch hole. Field screening of soil samples using an H-Nu organic vapor meter (OVM) and a Century Systems 1298 Gas Chromatograph (GC) indicated elevated concentrations of VOCs typically found in gasoline. Visual inspection of the southernmost of the 2,000 gallon fuel tanks revealed a 0.5 x 0.2 inch hole in a bottom seam. Approximately one to two gallons of product was drained through the hole during the removal process. Elevated concentrations of VOCs were found in the excavated pit using screening procedures (results not given). The field GC indicated the presence of VOCs typically found in gasoline.

On August 8, 1985, GZA removed a 1,000-gallon capacity fuel tank located on the western side of the property and a 550-gallon capacity waste oil tank. Two holes, approximately 1/8 inch in diameter, were found on the fuel oil tank. However, no odors were detected in the excavation. No holes were reported in the waste oil tank.

On July 15, 1985, GZA advanced four soil borings using hollow stem augers and completed the borings as monitoring wells GZA-1, GZA-2, GZA-3 and GZA-4. The locations of the monitoring wells are shown of Figures 3, 4 and 5. Soil samples were screened using an H-Nu OVM. VOCs were detected in boring GZA-1 at 110 ppm (10-12 feet) and 40.8 ppm (15-17 feet) and in boring GZA-3 at 150 ppm (10-12 feet) and 140 ppm (15-17 feet). VOCs were not detected in borings GZA-2 and GZA-4. Ground water samples were screened using Century Systems GC and the reported concentrations comparable with the soil samples.

On July 30, 1985, ground water samples were collected from the four monitoring wells and screened using the Century Systems GC. Elevated concentrations were reported in ground water samples collected from GZA-1 and GZA-3. Lower concentrations were reported in ground water samples collected from GZA-2 and GZA-4. Monitoring well GZA-1 was also gauged to determine if there was floating product. No floating product was reported. One ground water sample, GZA-1, was submitted for laboratory VOC analysis. Benzene (7,300 ppb), toluene (21,000 ppb), ethylbenzene (3,100 ppb), total xylenes (28,000 ppb) and 4-methyl 2-pentanol (2,900 ppb) were reported.

#### **4.2 Groundwater Technologies Hydrogeological Investigation**

Between October and November 1985, GWT installed seven monitoring wells identified as MW-5, MW-6, MW-7, MW-8, MW-9, MW-10 and MW-11, collected and analyzed ground water samples from the four GZA wells and gauged all of the wells for floating product and water levels. The purpose of the investigation was to further determine the extent of contamination, prepare a ground water flow map and determine if free petroleum was present. All of the monitoring wells were gauged for petroleum using an

Oil Recovery Systems Electronic Interface Probe to determine free-product thickness. No free floating product was reported in any of the wells. The locations of the monitoring wells and ground water contours are presented as Figure 4. A copy of GWT's report is presented in Appendix E.

On November 22, 1985, ground water samples were collected from wells GZA-1, GZA-2, GZA-3 and GZA-4 for VOC analysis in accordance with EPA Test Method 8020. On February 23, 1986, ground water samples were collected from monitoring wells MW-5, MW-7, MW-8, MW-10 and MW-11. The samples were analyzed for VOCs in accordance with EPA Test Method 602. Phase separation of petroleum from water occurred in MW-10 and MW-11, so the analyses were not conducted. MW-10 and MW-11 were resampled on March 4, 1986. The following table presents the analytical results of the GWT investigation in parts per billion:

Well ID	Benzene	Toluene	Ethyl benzene	Total Xylene
MW-5	2,060	1,490	2,850	17,900
MW-7	4,470	10,400	2,420	12,600
MW-8	243	46	429	1,340
MW-10	3,142	17,197	4,681	34,584
MW-11	2,892	70,899	17,140	136,361
GZA-1	812	1975	312	16,558
GZA-2	4	100	N/A	43
GZA-3	36	1,209	385	28,156
GZA-4	N/D	N/D	N/D	N/D

N/D indicates non-detected.

N/A indicated information not given.

GWT concluded that a free product layer did not exist at the Site and that the contamination on the Site was the result of spillage near the tanks and the pump island, not due to tank failure. GWT also concluded that the closest potential downgradient receptor was Alewife Brook located 3/4 of a mile west of the Site. Ground water flow direction was determined to be westerly, toward Alewife Brook. However, the soils had moderate to low permeability and the rate of ground water flow was estimated to be slow. GWT stated that the hydrogeologic conditions and the detected concentrations of dissolved organic compounds would have no impact on Alewife Brook.

## 5.0 Subsurface Investigations

On April 27, 1999, GFS oversaw the advancement of seven shallow soil borings, installed four monitoring wells, and collected four soil samples and three ground water samples at the Site. The purpose of the work was to determine current concentrations of petroleum hydrocarbons in soil and ground water at the Site. Field work was performed in accordance with the approved scope of work. The following summarizes and documents field activities and observations.

### 5.1 Exploratory Boring Program

The drilling subcontractor was Geosearch, Inc. of Leominster, Massachusetts. The purpose of the exploratory boring program was to collect soil and ground water samples for field screening and laboratory analysis and to determine concentrations of petroleum hydrocarbons at localized areas of the Site. A total of seven borings, identified as B-1, B-2, B-3, B-4, B-5, B-6 and B-8, were advanced into overburden with a truck-mounted AMS Power Probe vibratory hammer drill. The soil borings were advanced to depths ranging from 12 to 16 feet below grade, representing 104 linear feet of drilling. The approximate boring locations are shown on Figures 3 and 5.

The drill rig was manned with a driller from Geosearch, Inc., with all activities performed under the supervision of a field geologist. On-site personnel were experienced professionals who held current OSHA site worker certification. All activities associated with drilling were performed using Level D personnel protection.

### 5.2 Soil Sample Collection

Continuous soil samples were collected using a two-inch diameter by four-foot long Macro-Core soil sampling tube equipped with a disposable acetate liner. All soil samples were classified in the field by a geologist in accordance with the Modified Burmister Soil Classification System. A Thermo Electron 580S Organic Vapor Meter (OVM) equipped with a 10.6 eV lamp and calibrated with 100 ppm isobutylene was used to screen soil samples for the presence of VOC's. A total of 26 soil samples were collected for field screening and classification. Soil samples were identified according to the respective boring and sample interval on each boring log. Soil samples were screened for the presence of VOC's in accordance with standard headspace screening procedures. VOC's were detected in all soil borings except B-6. VOC concentrations ranged from 0.0 ppm (B-1, B-2, B-3, B-4, B-5, B-6 and B-8) to 10,833 ppm (B-5). Copies of the boring logs and headspace screening results are presented in Appendix F.

Soil samples B1-S3, B2-S4, B4-S4 and B5-S4 were submitted to Accutest laboratory for VOCs, volatile petroleum hydrocarbons (VPH), extractable petroleum hydrocarbons (EPH) and RCRA 8 metals analyses. Soil samples collected for VOC analysis were preserved in the field with methanol.

### 5.3 Monitoring Well Construction

Soil borings B-1, B-2, B-4 and B-8 were completed as ground water monitoring wells and identified as MW-99-1, MW-99-2, MW-99-3 and MW-99-4, respectively. The monitoring wells were constructed with a ten-foot section of 1-inch PVC with 0.010 inches slotted screen and a six-foot section of 1-inch PVC solid riser pipe. The screens were packed in #1 filter sand then sealed at the surface in a 6-inch road box with cement. Each well was fitted with a bottom cap and an expansion plug. As-built diagrams for the wells are presented in Appendix F.

### 5.4 Ground Water Sample Collection

Ground water samples were collected from three of the four monitoring wells (MW-99-1, MW-99-2 and MW-99-4). Prior to purging, the ground water level and total depth of each monitoring well was measured to the nearest 0.01 foot using an electronic water level sensing device. The recorded measurements were used to calculate the volume of standing water in the well. The wells were examined for the presence of free-phase petroleum product by observing the condition of the water level indicator when it was withdrawn from the well. No free-phase petroleum product was observed. Petroleum odors were observed off purge water from all of the monitoring wells. Tu-BaH inertial-lift pumps and HDPE tubing were installed to purge and sample each of the wells. Approximately 51 feet of tubing and one Tu-BaH was used to sample the wells. Field parameters (e.g., pH, specific conductance, dissolved oxygen, and temperature) were measured at the start of purging and then again after each well volume. The wells were purged until ten well volumes were removed. All field measurements were recorded on field sampling sheets, copies of which are presented as Appendix G.

Ground water samples MW-99-1, MW-99-2 and MW-99-4 were submitted to Accutest laboratory for VOC, VPH, EPH and total RCRA 8 metals analyses.

## 6.0 Geology, Hydrogeology and Resource Categories

### 6.1 Overburden Stratigraphy

In general, the shallow overburden geology encountered during drilling activities consists of three distinct layers of fill. The top layer is a two-to-three foot thick dark-brown to yellowish-brown medium-to-fine sand and gravel. In boring B-1, 1/2-inch crushed stone was encountered from six inches to four feet below grade, with sand and gravel underlying the stone to a depth of ten feet. Beneath the sand and gravel is a layer of coal and ash fill approximately four-to-eight feet in thickness. This fill gave way to a coarse-to-medium, well sorted, dark grey sand with a strong petroleum odor. In boring B-6, the grey sand was absent and 3/4-inch crushed stone was encountered.

### 6.2 Bedrock Geology

All of the borings advanced during this site assessment were terminated in overburden. Bedrock was not encountered.

### 6.3 Ground and Surface Water

The depth to ground water at the Site is approximately 9.5 feet below grade. The direction of ground water flow, as determined by GWT, is to the west (Figure 4). There are no surface water features, wetland resource areas or Areas of Critical Environmental Concern (ACEC) within 500 feet of the Site. There are known current or potential drinking water supplies located within 500 feet of the Site. The Site and all of the surrounding properties are serviced by the Massachusetts Water Resource Authority (MWRA).

### 6.4 Topography

The Site is located approximately 24-feet above mean sea level and is a flat parcel. The area surrounding the Site is also flat.

### 6.5 Resource Categories

Categories of ground water and soils have been established by MADEP for use in reporting releases of oil and/or hazardous materials and characterizing risk associated with disposal sites. The MCP identifies three categories for each media based upon the current and future land use and the proximity of sensitive receptors. In general, the GW-1 category represents drinking water quality ground water, GW-2 is ground water which is less than 15 feet below grade and within 30 feet of an occupied building when VOCs are present in the ground water. The GW-3 category represents all ground water of the Commonwealth.

Soil categories are based upon potential accessibility and exposure to adults and children. For reporting purposes, the S-1 soil category represents surficial soils within 500 feet of a residence. S-2 soils are buried soils that are potentially accessible (i.e., less than 15 feet below grade). S-3 soils are isolated subsurface soils such as those under a building foot print or greater than 15 feet below grade.

Based upon the information reviewed during this investigation, ground water beneath the Site is classified as GW-2, and GW-3 ground water resources. This is because ground water is contaminated within 30 feet of the building and the depth to ground water is less than 15 feet below grade. There are residential buildings located within a 500-foot radius of the Site. Therefore, surficial soils in the grassed areas fall into the S-1 reporting category; and soil beneath the building foot print and pavement would be categorized as S-2 or S-3.

## 7.0 Nature and Extent of Contamination

Four soil samples and three ground water samples were submitted to Accutest laboratories for chemical analysis. All of the samples were analyzed for total RCRA 8 metals, VOCs by EPA Test Method 8260, VPH and EPH. Laboratory certificates-of-analysis and chain-of-custody forms are presented in Appendix H. Table 1 presents a summary of the soil analytical results and Table 2 presents a summary of the ground water results.

## 7.1 Soil Sample Results

Four metals, arsenic, barium, chromium and lead, were detected below their respective Method 1 S-1, S-2 and S-3 Clean-up Standards in three soil samples. Ten VOCs were detected via EPA Test Method 8260 and six VOCs were detected with the VPH method. None of the VOCs detected exceed their respective Method 1 Clean-up Standards. No EPH or PAH compounds were detected in soils above the reported detection limits using the EPH test method.

Using the VPH method, aliphatics in the C5-C8 carbon range were detected in samples B1-S3 (646 ppm), B2-S4 (863 ppm), B4-S4 (933 ppm), and B5-S4 (182 ppm). The Method 1 S-3/GW-2 and GW-3 Clean-up Standard for C5-C8 aliphatics is 500 ppm. Aliphatics in the C9-C12 carbon range were detected in samples B1-S3 (60.1 ppm), B2-S4 (252 ppm), B4-S4 (261 ppm), and B5-S4 (94.4 ppm). The Method 1 S-3/GW-2 and GW-3 Clean-up Standard for C9-C12 aliphatics is 5,000 ppm. Aromatics in the C9-C10 carbon range were detected in samples B1-S3 (320 ppm), B2-S4 (601 ppm), B4-S4 (706 ppm), and B5-S4 (280 ppm). The Method 1 S-3/GW-2 and GW-3 Clean-up Standard for C9-C10 aromatics is 500 ppm.

## 7.2 Ground Water Results

Total arsenic, barium, and chromium were detected in all three ground water samples below their respective Method 1 GW-3 Clean-up Standards. Total lead was detected above its applicable Method 1 GW-3 Clean-up Standard of 30 ppb in ground water samples MW-99-1 (387 ppb), MW-99-2 (636 ppb) and MW-99-3 (333 ppb). However, total metal concentrations do not represent concentrations of metals that may be dissolved in ground water. In the future, ground water samples to be analyzed for lead should be field filtered so that dissolved concentrations can be compared to the applicable MCP standard.

Eight VOCs were detected via EPA Test Method 8260 and five VOCs were detected with the VPH method. Toluene (10,200 & 11,100 ppb) exceeded its Method 1 GW-2 Clean-up Standard (6,000 ppb) but not its GW-3 Clean-up Standard (50,000 ppb) in the ground water sample collected from monitoring well MW-99-1. Total xylene also exceeded its Method 1 GW-2 Clean-up Standard (6,000 ppb) but not its GW-3 Clean-up Standard (50,000 ppb) in the ground water samples collected from monitoring wells MW-99-1 (15,600 & 16,650 ppb) and MW-99-2 (7,480 & 9,270 ppb).

Using the VPH method, aliphatics in the C5-C8 carbon range were detected in all three ground water samples MW-99-1 (11,400 ppb), MW-99-2 (6,430 ppb) and MW-99-3 (3,260 ppb). The Method 1 GW-2 and GW-3 Clean-up Standards for C5-C8 aliphatics are 1,000 ppb and 4,000 ppb respectively. Aromatics in the C9-C10 carbon range were detected in all three ground water samples MW-99-1 (13,200 ppb), MW-99-2 (16,000 ppb) and MW-99-3 (14,600 ppb). The Method 1 GW-2 and GW-3 Clean-up Standard for C5-C8 aliphatics are 5,000 ppb and 4,000 ppb respectively.

Aliphatic EPH compounds in the C9-C18 carbon range and aromatics in the C11-C22 carbon range were detected below their respective Method 1 GW-2 and GW-3 Clean-up Standards in all three ground water samples. Naphthalene and 2-methylnaphthalene were also detected in all three ground water samples at concentrations below their applicable Method 1 GW-2 and GW-3 Clean-up Standards.

## 8.0 Evaluation for Immediate Response Actions

Under Section 40.0412 of the MCP, Immediate Response Actions (IRA) are required under the following conditions:

- (1) where a release or threat of release of oil and/or hazardous material has occurred which requires notification of the MADEP under the "Two Hour" notification provisions;
- (2) where a release or threat of release of oil and/or hazardous material has occurred which requires notification of the MADEP under the "72 Hour" notification provisions;
- (3) disposal sites where a condition of Substantial Release Migration has been identified; and
- (4) any other site where MADEP determines that immediate or accelerated response actions are necessary to prevent, eliminate, or minimize damage to health, safety, public welfare or the environment.

The applicable sections of the MCP have been reviewed and none of the above conditions currently apply to this Site. The release is subject to the 120-day notification requirements but not the "Two Hour" or "72 Hour" requirements. Since the release was previously reported, no additional reporting to MADEP is required.

## 9.0 Summary

The Site is located at 201-203 Elm Street in Somerville, Massachusetts, and is owned by the I & C Corporation. I & C purchased the property from the Texaco Company in the late 1980's. The Texaco Company had owned the property and operated it as a gasoline services station from 1947 until 1985. The Site is being used by a Domino's Pizza and Wing Works. The building is serviced by municipal gas, electric, water and sewer services. The properties that abut the Site are all commercial properties.

The Site was listed by MADEP in 1987, under RTN 3-0000149 for a gasoline release. It's current status is listed as Default Tier 1B. Two environmental site assessment

reports were available in MADEP's files for this Site. The first investigation report was prepared by GZA in 1985. The second report was prepared in 1986 by Groundwater Technology.

The GZA report was prepared for Texaco Refining and Marketing and included a summary of six UST closures and a subsurface investigation. Based on field screening and visual observations, GZA concluded that significant levels of VOCs had been released from the 3,000 and a 2,000-gallon capacity USTs. The subsurface investigation consisted of four borings completed as monitoring wells, soil and ground water sampling and laboratory analysis. No floating product was reported. One ground water sample was submitted for laboratory VOC analysis. Benzene (7,300 ppb), toluene (21,000 ppb), ethylbenzene (3,100 ppb), total xylenes (28,000 ppb) and 4-methyl, 2-pentanol (2,900 ppb) were reported.

The GWT report was also prepared for Texaco Refining and Marketing and included a summary of a subsurface investigation. GWT installed seven monitoring wells, collected and analyzed ground water samples, gauged all of the wells for floating product and water levels and prepared a ground water flow map. GWT concluded that a free product layer did not exist at the site and that contamination on the Site was the result of spillage near the tanks and the pump island, not due to tank failure. GWT did not define tank failure or discuss the reported holes in the tanks.

This Phase I was conducted to determine the current concentrations of petroleum hydrocarbons in soil and ground water at the Site. Seven shallow soil borings were advanced, four monitoring wells were installed, and four soil samples and three ground water samples were collected. The soil and ground water samples were submitted for laboratory analysis of total RCRA 8 metals, VOCs by EPA Test Method 8260, VPH and EPH.

Four metals, arsenic, barium, chromium and lead, were detected below their respective Method 1 Clean-up Standards in three soil samples. Ten VOCs were detected via EPA Test Method 8260 and six VOCs were detected with the VPH method. None of the VOCs detected exceed their respective Method 1 Clean-up Standards. No EPH or PAH compounds were detected in soils above the reported detection limits.

Aliphatics in the C5-C8 carbon range were detected in soil samples B1-S3 (646 ppm), B2-S4 (863 ppm), B4-S4 (933 ppm), and B5-S4 (182 ppm) above the Method 1 S-3/GW-2 and GW-3 Clean-up Standard of 500 ppm. Aliphatics in the C9-C12 carbon range were detected in samples B1-S3 (60.1 ppm), B2-S4 (252 ppm), B4-S4 (261 ppm), and B5-S4 (94.4 ppm) below the Method 1 S-3/GW-2 and GW-3 Clean-up Standard of 5,000 ppm. Aromatics in the C9-C10 carbon range were detected in samples B1-S3 (320 ppm), B2-S4 (601 ppm), B4-S4 (706 ppm), and B5-S4 (280 ppm). The Method 1 S-3/GW-2 and GW-3 Clean-up Standard for C9-C10 aromatics is 500 ppm.

Total arsenic, barium, and chromium were detected in all of the ground water samples below their respective Method 1 GW-3 Clean-up Standards. Total lead was detected above its applicable Method 1 GW-3 Clean-up Standard of 30 ppb in ground water samples MW-99-1 (387 ppb), MW-99-2 (636 ppb) and MW-99-3 (333 ppb). However, total metal concentrations do not represent concentrations of metals that may be dissolved in ground water. In the future, ground water samples to be analyzed for lead should be field filtered so that dissolved concentrations can be compared to the applicable MCP standard.

In ground water sample MW-99-1, toluene (10,200 & 11,100 ppb) exceeded its Method 1 GW-2 Clean-up Standard (6,000 ppb) but not its GW-3 Clean-up Standard (50,000 ppb). Total xylene exceeded its Method 1 GW-2 Clean-up Standard (6,000 ppb) but not its GW-3 Clean-up Standard (50,000 ppb) in the ground water samples collected from monitoring wells MW-99-1 (15,600 & 16,650 ppb) and MW-99-2 (7,480 & 9,270 ppb).

Aliphatics in the C5-C8 carbon range were detected in all three ground water samples MW-99-1 (11,400 ppb), MW-99-2 (6,430 ppb) and MW-99-3 (3,260 ppb) above the Method 1 GW-2 and GW-3 Clean-up Standards of 1,000 ppb and 4,000 ppb respectively. Aromatics in the C9-C10 carbon range were detected in all three ground water samples MW-99-1 (13,200 ppb), MW-99-2 (16,000 ppb) and MW-99-3 (14,600 ppb) above the Method 1 GW-2 and GW-3 Clean-up Standard of 5,000 ppb and 4,000 ppb respectively.

Aliphatic EPH compounds in the C9-C18 carbon range and aromatics in the C11-C22 carbon range were detected below their respective Method 1 GW-2 and GW-3 Clean-up Standards in all three ground water samples. Naphthalene and 2-methylnaphthalene were also detected in all three ground water samples at concentrations below their applicable Method 1 GW-2 and GW-3 Clean-up Standards.

## 10.0 Conclusions

Under Section 40.0486 of the MCP, one of the two following outcomes are possible upon completion of this Phase I Report:

- (1) Comprehensive Response Actions are necessary at the disposal site. Tier Classification of the site shall be undertaken by the Responsible Parties (RPs), Potentially Responsible Parties (PRPs) or Other Persons, if necessary and prior to the initiation of Comprehensive Remedial Actions; or
- (2) The requirements of a "Class A" or "Class B" Response Action Outcome have been met and a RAO Statement shall be submitted to the MADEP by the RPs, PRPs or Other Persons conducting the response actions.

Based on the data generated during this and previous investigations, the requirements for a Class A or B RAO have not been met at the property and site conditions warrant Comprehensive Response Actions.

## 11.0 Recommendations

A Tier Classification should be prepared and submitted to MADEP before July 31, 1999. Following Tier Classification a Phase II scope of work to further characterize the property should be prepared and implemented. The purpose of the Phase II investigation will be to determine an appropriate response action(s) to achieve a permanent solution. Likely response actions may include soil removal, bio-remediation and/or pump and treat. Following completion of a Phase II investigation a Response Action Measure (RAM) Plan would be necessary to implement the selected response action. Another potential solution would be to prepare a Method 2 and/or Method 3 Risk Assessment. The Risk Assessment would be used to establish the clean-up goals for the property.

## 12.0 Limitations

1. The observations described in this report were made under the conditions stated herein. The findings presented in the report were based solely upon the services described in GFS's scope of services and not on scientific tasks or procedures beyond the scope of the described services.
2. The information presented in this report was obtained from federal, state, and local officials, the parties herein referenced, and records maintained by government and/or local agencies. GFS did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment.
3. Unless otherwise specified in the report, GFS did not perform physical, chemical, or biological testing or analyzes to determine the presence of any hazardous constituents at the site.
4. The objective of this assessment was to provide environmental data for the evaluation of the site located at 201 - 203 Elm Street in Somerville, Massachusetts. Further investigative site information which was not available to GFS at the time of this assessment may result in a modification of the findings stated in the report. This report has been prepared in accordance with generally accepted site assessment practices. No other warranty, expressed or implied, is made.

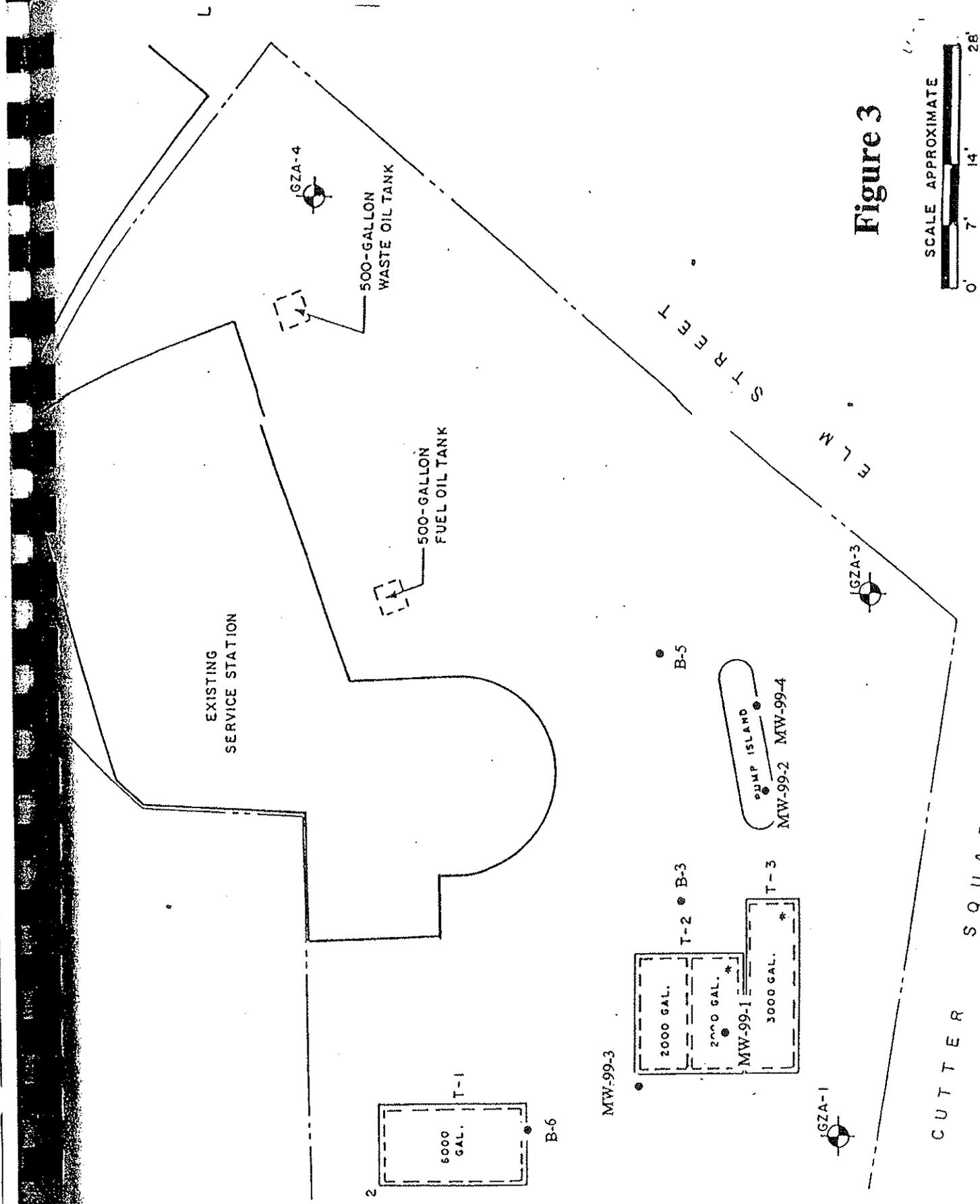


Figure 3



FIGURE 4  
**GROUNDWATER CONTOUR MAP**  
 PROJECT: TEXACO/SOMERVILLE  
 LOCATION: SOMERVILLE, MA.  
 DRAWING NO: 10-4067-2  
 MONITORING DATE: 11-21-85  
 ● MONITORING WELL

WELL IDENTIFICATION  
 EX: MW-5 - BELL CO.  
 16.06 - WATER TABLE ELEV (FT)

CONTOUR INTERVALS  
 AS SHOWN IN FEET

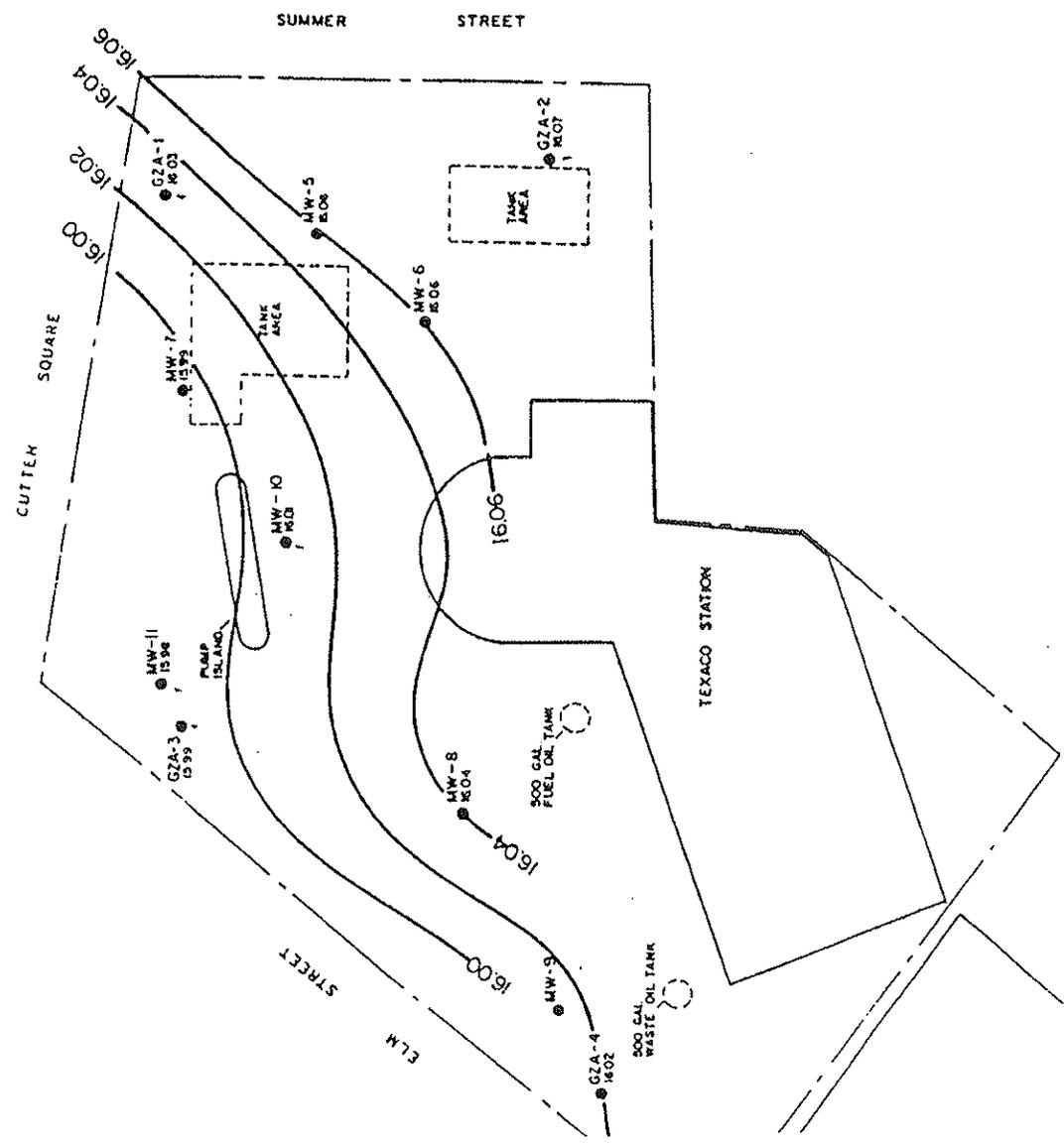
0 4  
 SCALE IN FEET



Figure 4



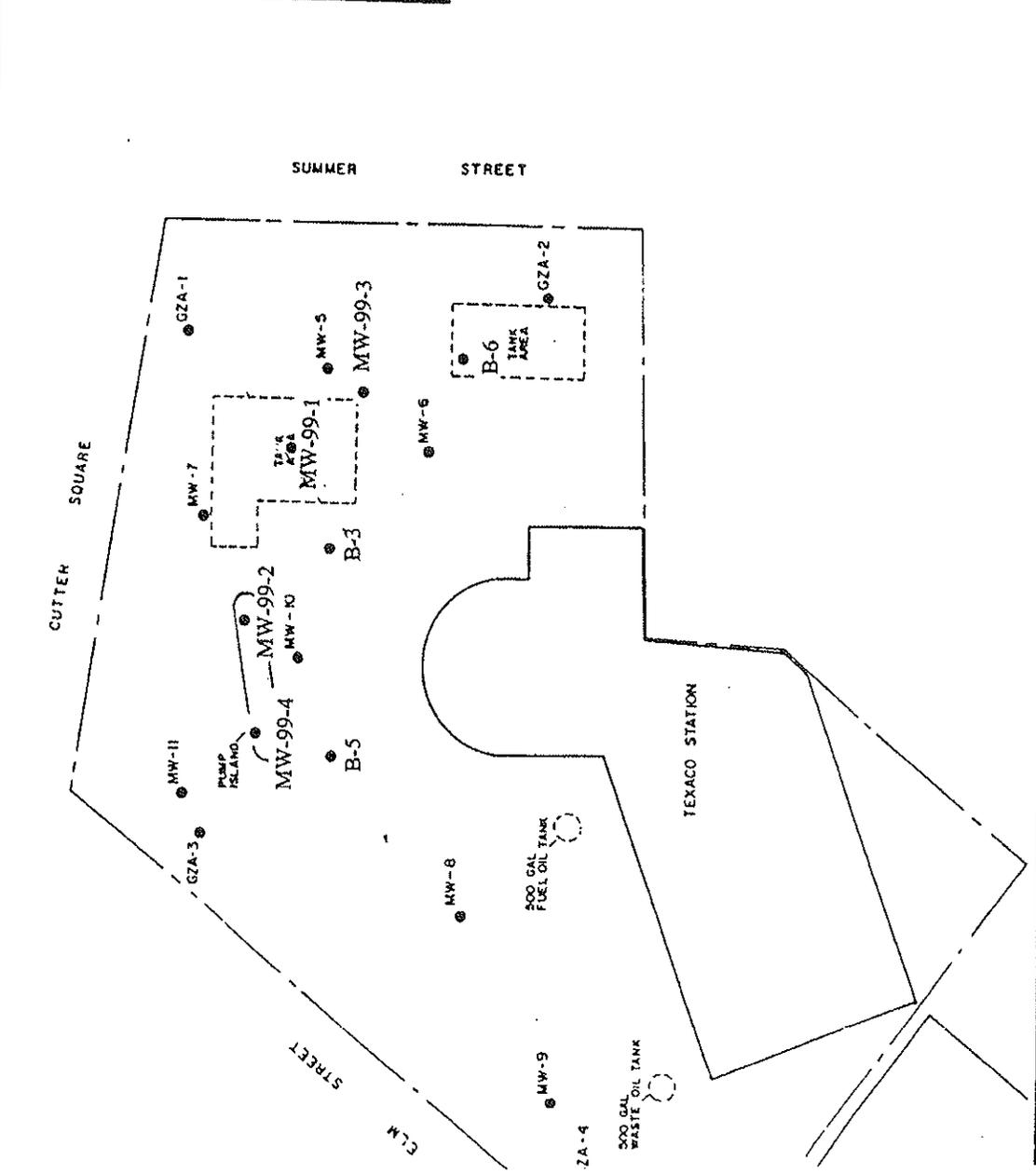
GROUNDWATER TECHNOLOGY



**FIGURE 2**  
**SITE MAP**  
 PROJECT: TEXACO/SOMERVILLE  
 LOCATION: SOMERVILLE, MA.  
 DRAWING NO: IO-4067-1

● MONITORING WELL  
 WELL IDENTIFICATION  
 EX. MW-9 - WELL ID

0 4  
 SCALE: 1" = 40 FEET



**Figure 5**



**Table 1**  
**Analytical Results for Soil Samples**  
**201-203 Elm Street, Chelmsford, MA**

Analysis	Soil Boring Identification 4/27/99				MCP Method 1 Clean-up Standards	
	B1-S3 8-12 Feet	B2-S4 12-16 Feet	B4-S4 12-16 Feet	B5-S4 12-16 Feet	S3-GW2	S-3-GW-3
<b>Volatile Organic Compounds by Method 8260B (ppb)</b>						
sec-Butylbenzene	N/D	1,650	1,040	813	N/A	N/A
Ethylbenzene	14,700	23,800	1,200	94	2,500,000	500,000
Isopropylbenzene	1,420	4,260	2,900	607	N/A	N/A
p-Isopropyltoluene	412	950	450	436	N/A	N/A
Naphthalene	5,880	11,100	3,600	1,100	1,000,000	1,000,000
n-Propylbenzene	N/D	12,400	6,040	2,280	N/A	N/A
Toluene	3,430	12,000	N/D	N/D	500,000	2,500,000
1,2,4-Trimethylbenzene	34,200	75,500	50,800	21,600	N/A	N/A
1,3,5-Trimethylbenzene	11,100	27,500	19,500	7,520	N/A	N/A
Total Xylene	71,400	130,000	12,000	1,070	500,000	2,500,000
<b>Volatile Organic Compounds By Method MADEP VPH (ppb)</b>						
C5-C8 Aliphatics	646,000	863,000	933,000	182,000	500,000	500,000
C9-C12 Aliphatics	60,100	252,000	261,000	94,400	5,000,000	5,000,000
C9-C10 Aromatics	320,000	601,000	706,000	280,000	500,000	500,000
Benzene	615	N/D	N/D	N/D	100,000	200,000
Ethylbenzene	19,200	29,400	17,500	N/D	2,500,000	500,000
Methyl Tert Butyl Ether	12,800	N/D	N/D	N/D	200,000	200,000
Naphthalene	10,000	13,700	13,700	5,500	1,000,000	1,000,000
Toluene	11,700	27,600	12,700	N/D	500,000	2,500,000
m,p-Xylene	69,100	115,000	100,000	1,640	500,000*	2,500,000*
o-Xylene	16,900	29,000	26,400	N/D	500,000*	2,500,000*
<b>RCRA 8 Metals (ppm)</b>						
Arsenic	1.70	N/D	N/D	N/D	30	30
Barium	25.10	19.90	14.60	N/D	5,000	5,000
Chromium	8.50	6.70	5.20	N/D	5,000	5,000
Lead	11.80	3.20	5.10	N/D	600	600

N/A= Not Available.

N/D= Not detected above detection limit.

\* = Standard given is for total xylenes.

**Table 2**  
**Analytical Results for Ground Water Samples**  
**201-203 Elm Street, Chelmsford, MA**

Analysis	Well Identification 4/27/99			MCP Method 1 Clean-up Standards	
	MW-99-1	MW-99-2	MW-99-4	GW-2	GW-3
<b>Volatile Organic Compounds by Method 8260B (ppb)</b>					
Ethylbenzene	2,920	1,520	764	30,000	4,000
Isopropylbenzene	N/D	N/D	182	N/A	N/A
Naphthalene	331	412	544	6,000	6,000
n-Propylbenzene	483	486	433	N/A	N/A
Toluene	10,200	1,160	N/D	6,000	50,000
1,2,4-Trimethylbenzene	2,760	3,500	2,870	N/A	N/A
1,3,5-Trimethylbenzene	944	1,160	976	N/A	N/A
Total Xylene	15,600	7,480	4,470	6,000	50,000
<b>Volatile Petroleum Hydrocarbons (ppb)</b>					
C5-C8 Aliphatics	11,400	6,430	3,260	1,000	4,000
C9-C10 Aromatics	13,200	16,000	14,600	5,000	4,000
Ethylbenzene	2,880	1,740	834	30,000	4,000
Methyl Tert Butyl Ether	594	166	N/D	50,000	50,000
Naphthalene	679	685	700	6,000	6,000
Toluene	11,100	1,470	N/D	6,000	50,000
m,p-Xylene	12,100	7,460	5,160	6,000*	50,000*
o-Xylene	4,550	1,810	440	6,000*	50,000*
<b>Extractable Petroleum Hydrocarbons (ppb)</b>					
C9-C18 Aliphatics	270.00	586.00	78.00	1,000	20,000
C11-C22 Aromatics	534.00	347.00	218.00	50,000	30,000
2-Methylnaphthalene	84.90	34.60	21.70	10,000	3,000
Naphthalene	280.00	87.50	208.00	6,000	6,000
<b>RCRA 8 Metals (ppb)</b>					
Arsenic	79.00	188.00	54.00	N/A	400
Barium	775.00	2860.00	593.00	N/A	30,000
Chromium	231.00	303.00	106.00	N/A	2,000
Lead	387.00	636.00	333.00	N/A	30

N/A= Not available.

N/D= Not detected above detection limit.

\* = Standard given is for total xylenes.

**ATTACHMENT "D"**  
**Oil/Hazardous Materials Records**

SOMERVILLE FIRE DEPARTMENT FIRE PREVENTION BUREAU

**UNDERGROUND STORAGE TANKS**

ADDRESS # 049 ADDRESS Summer St

OWNER

BUSINESS NAME

OWNER ADDRESS

BUSINESS TEL#

OWNER CITY.TOWN

PERMIT #

OWNER STATE.ZIP

USAGE

OWNER TEL#

OCCUPANCY

**UNDERGROUND TANKS INSTALLED**

**UNDERGROUND TANKS REMOVED**

<u>Install Date</u>	<u>#</u>	<u>Size</u>	<u>Product</u>	<u>Remove Date</u>	<u>#</u>	<u>Size</u>	<u>Product</u>	<u>Inst Date</u>
				01-31-79	1	4000	Gasoline	

COMMENTS

Shea, John J.

.50

343 Summer Street

Bogue

275 Gals light

Permit Issued

1/18/50

Renewal

.25

14

13167

13618

12181

1315213431

13157

13267

13518

13122

13570

12777

Edward Ivers

Esso

.50

343 Summer St.

275 Gal.

Permit issued

10/22/36

13168

12778

13268

13519

13571

13619

13432

13158

13123

SOMERVILLE FIRE DEPARTMENT FIRE PREVENTION BUREAU

**UNDERGROUND STORAGE TANKS**

ADDRESS # 187 ADDRESS Elm St

OWNER

BUSINESS NAME

OWNER ADDRESS

BUSINESS TEL#

OWNER CITY.TOWN

PERMIT #

OWNER STATE.ZIP

USAGE

OWNER TEL#

OCCUPANCY


**UNDERGROUND TANKS INSTALLED**

**UNDERGROUND TANKS REMOVED**

<u>Install Date</u>	<u>#</u>	<u>Size</u>	<u>Product</u>	<u>Remove Date</u>	<u>#</u>	<u>Size</u>	<u>Product</u>	<u>Inst Date</u>
3/46	1	500	Fuel oil	10-23-70	1	500	Waste Oil	(1946)
3/46	1	500	Kerosene		2	3000	Gasoline	(1946)

**COMMENTS**

(Out of Business)

341 SUMMER ST.

590A

GITTEL & FLANAGAN

275 gal EXISTING

1/20/88

INSTALLATION OF NEW BECKETT GUN TYPE AF

INSTALLED BY FAULKNER BROS.OIL

ROSSWELL ANDERSON

CERT.OF COMPETENCY #01925

~~Gittle & Goodwin~~

\$.50¢

~~SUNBEAM FRUIT & VEG. JUICE CORP~~

275 GAL CAP.

Gittle & Flanagan

341 SUMMER ST

1-275 GAL TANK

10/13/50

2 ANCHOR BURNERS

APPLICATION

.25¢

RENEWAL

13617

13177

13166

13430

13151

13156

13266

12776

13517

13569

Clayton Goodwin  
~~Sarah Hines~~

Silent-Glow. .50  
(A.B.C)

337 Summer St. (1st floor.) 55-275 gals.  
(11/10/47)

(Installed by A. C. Winsloe 9/25/50)  
(Record card misplaced)

Permit issued. 11/19/55

12772  
13566-55  
13613

13426  
13152  
13117

Hector N. Keddy  
~~Clayton Goodwin~~

.50

337 Summer St (2nd floor)

Silent-Glow 275 Gals

Permit Issued

12/5/48

Renewals

13512  
13565

13146 13161 13614

1226

11641 13427  
12175 13153  
13118  
12773  
13261



349 Summer Street

Kendall, Addie L.

gasoline - 500 gallons

Granted May 11, 1916

349 Summer St.

Kendall, Edward J.

500 gal. gas.

Granted Dec. 23, 1926

Addition

4/30/36 - renewal -  
George A. Kendall

4-30-64 renewed by  
Bernard F. Koen, 347-  
Summer St.

Gen. cert. filed			1969-renewed by
4/30/30	4/30/44	4/30/57	Bernard F. Koen,
4/30/31	4/30/45	4/30/58	Trustee, Beacon
4/30/32	4/30/46	4/30/59	Realty Trust
4/30/33	4/30/47	4/30/60	4-30-73
4/30/34	4/30/48	4/30/61	4-30-74
12/28/35	4/30/49	4/30/62	4/30/75
4/30/36	4/30/50	4/30/63	4/30/76
4/30/37	4/30/51	4-30-64	4/30/77
4/30/38	4/30/52	4-30-65	4/30/78
4/30/39	4/30/53	4-30-66	
4/30/40	4/30/54	4-30-67	
4/30/41	4/30/55	4-30-68	
4/30/42	4/30/56	4-30-69	
4/30/43			

1969-renewed by  
Bernard F. Koen,  
Trustee, Beacon  
Realty Trust

4-30-73

4-30-74

4/30/75

4/30/76

4/30/77

4/30/78

*BLDG. TORN  
DOWN-1979*

4-30-71  
4-30-72 - ASPHALT  
REALTY TR

Trefren, Edwin F., Jr.

355 Summer St. (Con. cert. May 2, 1932).  
1,500 gallons gasoline Trans. to Tony Amico,  
Granted, July 9, 1931. 11/22/32

Trefren, E. F. Jr. (additional)

355 Summer St. (Con. cert. May 2, 1932)  
200 gals. motor oils Trans. to Tony Amico,  
100 " kerosene 11/22/32  
55 " alcohol  
100 lbs. grease  
Granted Apr. 28, '32

Amico, Tony

355 Summer Street Trans. from E. F.  
Trefren, Jr.  
1,500 gallons gasoline (Con. cert. 4/30/33)  
200 " motor oils  
100 " kerosene  
55 " alcohol  
100 lbs. grease Trans. to Stanley A.  
Granted Nov. 22, 1932 Cross, 5/25/33

Cross, Stanley A.

355 Summer Street Transferred from Tony  
1,500 gallons gasoline Amico  
200 " motor oil (con. cert. 4/30/34)  
100 " kerosene  
55 " alcohol ( " " 4/30/37)  
100 lbs. grease ( " " 4/30/38)  
Granted May 25, 1933 ( " " 4/30/39)

Vogel, John

339 Summer street  
gasoline - 100 gallons  
Granted May 13, 1915

Giles, Fred E.

341 Summer street

gasoline - 110 gallons

Granted June 10, 1915

Gilman, Osmon E.

351-355 Summer street

gasoline 250 gallons

Granted June 28, 1917

July 11, 1918, Trans-  
ferred to Henry Blew-  
ett & Son, Inc.

Kendall, Addie L.

349 Summer street con. cer. Apr. 30, '30.

gasoline - 500 gallons " " Apr. 30, '31

Granted May 11, 1916. " " Apr. 30, '32

(Con. cert. 4/30/36) " " Apr. 30, '33

(" " 4/30/37) " " Apr. 30, '34

(" " 4/30/38) (over) " " Dec. 28, '35

Kendall, Edward J. (addition)

349 Summer st. con. cer. Apr. 30, '30.

500 gal. gas. " " Apr. 30, '31.

Granted Dec. 23, 1926 (" " Apr. 30, '32.

(Con. cert. 4/30/36) " " Apr. 30, '33

(" " 4/30/37) " " Apr. 30, '34

(" " 4/30/38) " " Dec. 28, '35

Henry Blewett & Son, Inc.

351-355 Summer street

gasoline - 250 gallons

Granted July 11, 1918

Transfer from Osmon E. Gilman

Weers, Edward F.  
355 Summer st.  
gasoline 500 gals.  
Granted May 11, 1922

---

Highland Trust Company

371 Summer Street, (Con. cert. 4/30/32)  
2,000 gal. fuel oil Trans. to Winter Hill  
Granted August 7, 1931 Co-op. Bank, 12/8/32

---

Winter Hill Co-operative Bank

371 Summer Street Trans. from Highland  
2,000 gallons fuel oil Trust Company  
Granted Dec. 8, 1932. (Con. cert. 4/30/33)  
(Con. cert. 4/30/37) ( " " 4/30/34)  
( " " 4/30/38) ( " " 4/30/35)  
( " " 4/30/39) ( " " 4/30/36)

---

Wilder, Frank M.

377-379 Summer St. Trans. to Jenney Mfg.  
4,000 gal. gas. Co. Nov. 8, 1928  
Granted July 14, 1927

---

McCarthy, Francis X.

377-379 Summer St. (See communication from  
4,000 gallons gasoline State Fire Marshal in  
Granted Jan. 23, 1930 Board March 13, 1930  
revoking license)

Jenney Mfg. Co.

377-379 Summer St.      Trans. from  
4,000 gal. gasoline      Frank M. Wilder  
Granted Nov. 8, 1928

(Continued next)

Jenney Manufacturing Co.

377-379 Summer Street	(Con. cert. 4/30/32)		
6,000 gal. gasoline	( " " 12/14/33)		
400 " fuel oil			
100 " kerosene	( " " 4/30/34)		
1,500 " lub. oil			
100 lbs. grease	" " 4/30/35		
Granted Dec. 22, 1931	" " 4/30/36		
(Con. cert. 4/30/39)	" " 4/30/37		
	" " 4/30/38		

Jenney Manufacturing Co.

377-379 Summer Street.

4,000 gal. gas.

Refused, March 28, 1929

377-379 Summer Street Jenney Manufacturing Co.

6,000 gal. gasoline  
400 " fuel oil  
100 " kerosene  
1,500 " lub. oil  
100 lbs. grease

Granted Dec. 22, 1931

2,015

1969-renewed by Cities  
Service Oil Company

9/14/85 Renewed by Basile Delalis

Gen. cert. filed

4/30/32	4/30/48	4/30/63
12/14/33	4/30/49	4-30-64
4/30/34	4/30/50	4-30-65
4/30/35	4/30/51	4-30-66
4/30/36	4/30/52	4-30-67
4/30/37	4-30-53	4-30-68
4/30/38	4-30-54	4-30-69
4/30/39	4-30-55	4-30-70
4/30/40	4-30-56	4-30-71
4/30/41	4-30-57	4-30-72
4/30/42	4-30-58	4-30-73
4/30/43	4-30-59	4-30-74
4/30/44	4-30-60	
4/30/45	4-30-61	
4/30/46	4-30-62	
4/30/47		

4/30/75 4-30-83  
 4/30/76 4-30-80  
 4/30/77 4-30-82  
 19754-30-88  
 Property of J.T.  
 Cumberland  
 Farms Station  
 4/30/78 c. POURSAVIDI  
 4/30/79 4-30-89  
 4/30/80 Not received  
 4/30/81 Inactive  
 4/30/82

355 Summer Street

Cross, Stanley A.

1,500	gallons	gasoline	Transferred from
200	"	motor oil	
100	"	kerosene	Tony "mico
55	"	alcohol	
100	lbs.	grease	Granted May 25, 1933

April 30, 1937

Warren L. Talbot

April 30, 1938

O. B. Gilman

Con. cert. filed

4/30/34

4/30/37

4/30/38

4/30/39

4/30/40

4/30/41

4/30/42

4/30/43

4/30/44

4/30/45

371 Summer Street Winter Hill Co-operative Bank  
2,000 gallons fuel oil Trans. from Highland  
Granted Dec. 8, 1932 Trust Company

4/30/38 - renewal - Winte  
Hill Co-op. Fed. Savings  
& Loan Ass'n.

1943 Converted to coal per W. H. Co-op. Fed.  
Savings & Loan Ass'n.

Con. cert. filed

4/30/33

4/30/34

4/30/35

4/30/36

4/30/37

4/30/38

4/30/39

4/30/40

4/30/41

4/30/42

381 Summer St.

2

Rosebud Diner Inc.

2,000 gals. fuel  
oil and range oil

Granted, Aug. 7, 1941

1945 renewed by  
Demetrio Leon

Con. cert. filed

4/30/42

4/31/43

4/30/44

4/30/45

4/30/46

Gofkauf's Automotive Stores,

383r Summer St. (Con. cert. 4/30/36)

648 gallons alcohol

244 " auto freeze

108 " motor oil

Granted Jan. 23, '36

**ATTACHMENT "E"**  
**Title Search And/Or Deed**  
**(Not In Approved Scope Of Work)**

**ATTACHMENT "F"**  
**Test Boring Logs**  
**(Not In Approved Scope Of Work)**

**ATTACHMENT "G"**  
**Asbestos, Lead, Radon Testing Results**  
**(Not In Approved Scope Of Work)**

**ATTACHMENT "H"**  
**Laboratory Test Results/Chain Of Custody**  
**(Not In Approved Scope Of Work)**