Prepared For:
Mr. Paul Maggiore
Maggiore Companies
13 Wheeling Avenue
Woburn, MA 01801

July 15, 2010

Subsurface Investigation
351 Summer Street
Somerville, MA
IES Project No. 710-1925

Prepared By:
IES, Inc.
5 Middlesex Avenue
Somerville, MA 02145
617-623-8880

IES, INC.
ENVIRONMENTAL CONSULTANTS

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July 15, 2010

Mr. Paul Maggiore
Maggiore Companies
13 Wheeling Avenue
Woburn, MA 01801

Re: Subsurface Investigation
351 Summer Street
Somerville, MA

Dear Mr. Maggiore:

As requested, and in accordance with the Terms of our Contract, IES, Inc. has completed a "Subsurface Investigation" program at the above referenced site. This testing program was performed at your request in order to address the potential on-site and off-site threats of contamination identified in a "Phase I Environmental Site Assessment" report dated July 13, 2009 by IES (Project No. 709-1224).

A. Introduction

According to the USGS Boston North, MA Quadrangle Map, the site is situated approximately 7.5 meters (25 feet) above mean sea level, as shown in **Figure 1, Appendix "A"** of this Report. The site is identified by the City of Somerville Assessor's Office as Map #25, Block D, Lot #36, as shown in **Figure 2, Appendix "A"** of this report; and a MassGIS map is included as **Figure 3** in **Attachment "A"**.

As detailed in the aforementioned "Phase I" report, the subject site consists of one, relatively flat, rectangular-shaped parcel of land located on Summer Street in the Davis Square section of the City of Somerville, MA. The site is located in a mixed commercial and residential section of Somerville, approximately 400 feet to the northeast of the City of Cambridge boundary line. The nearest bodies of surface water include Jerry's Pond and Alewife Brook, which are located approximately one mile to the west and northwest, respectively, of the site in question.

The subject site contains an area of 23,594 square feet, and comprises a paved parking lot, which is utilized by a nearby function hall (George Dilboy VFW Post #529).

A review of Sanborn Insurance Atlases indicated that the site was occupied by a shed or stables in 1900, however, by 1934 the site was utilized as a gasoline filling station, a vacant unit, and for "dead auto storage". Three gasoline UST's are depicted at this property on the 1934 Sanborn Atlas (see Figure 4 in **Attachment "A"**). Subsequently, the 1950 Sanborn

Atlas indicated that only a portion of the site building remained at that time, and the three gasoline UST's remained on the eastern portion of the property identified as 351 Summer Street (see Figure 5 in **Attachment "A"**). The site has been vacant or used as a parking lot since the MBTA Red Line subway construction occurring beneath the site commenced in the 1980's.

The subject site is abutted to the southwest by Summer Street; and to the southeast by a fenced-in lot, which is mostly covered with overgrown vegetation, but also contains a concrete foundation capped with steel grates. These grates are used as an underground venting system for the MBTA Red Line, which runs beneath the southwestern portion of that property and also beneath the subject site. The subject site is abutted to the northeast by residences at 46-46A, 48-50, and 52-54 Hawthorne Street; and to the northwest by a building containing a function hall (George Dilboy VFW) and a bank (Winter Hill Federal Savings) located at 371 Summer Street/5 Cutter Street.

The area located further to the southwest of the site, across Summer Street, is occupied by Windom Street, and by dwellings at 21 and 26-28 Windom Street. In addition, a veterinarian (Porter Square Veterinarian) at 360 Summer Street, and a wind power assessment business (Second Wind) at 360A Summer Street are also located across Summer Street from the site.

B. Threats of Contamination

According to IES's July 2009 "Phase I" report, potential on-site threats of contamination include the historical use of the site as a gasoline filling station, and the presence of three gasoline UST's on the southeastern portion of the property, as depicted on Sanborn Atlases dated 1934 and 1950. There was no documentation available regarding the removal of these tanks, however, it is likely that these UST's and any associated contaminated soil were removed during excavation activities associated with the MBTA Red Line directly beneath the site in the 1980's.

As detailed in the Phase I report, records on file at the Somerville City Clerk's Office indicate that a permit was issued to the subject site (355 Summer Street) for 250 gallons of gasoline on June 28, 1917 and 500-gallons of gasoline on May 11, 1922. Subsequently, another permit was issued on July 9, 1931 for 1,500 gallons of gasoline; 200 gallons of motor oil, 100-gallons of kerosene, 55-gallons of alcohol, and 100 pounds of grease. The permit for this storage was updated to at least April 30, 1945. It is presumed that the gasoline was stored in underground tanks, while the remainder of the storage was above ground. No permits for the removal of any on-site UST's were on file at the Somerville Fire Department or City Clerk's Office.

Potential off-site threats of contamination include the former use of the easterly abutting property at 349 Summer Street for automotive repair activities and the presence of a gasoline UST at this property, as depicted on Sanborn Atlases dated 1934 and 1950. Potential off-site threats of contamination also include the documented fuel oil UST and the DEP listed spill at 371 Summer Street (N85-0866), which abuts the subject site to the west. In addition, the documented underground storage of gasoline at 339 and 377-379 Summer Street, both

located within 250 feet of the subject site, were also considered to pose a potential environmental threat to the subject. Finally, as detailed in the Phase I report, the DEP Disposal Site at 201-203 Elm Street (RTN 3-0149) and the UST-related releases at 363 Highland Avenue (N89-1434 and N90-1418), which are situated approximately 150 feet southwest and 175 feet northeast of the site, respectively, were also considered to pose potential environmental threats to the site.

C. Subsurface Investigation

In order to address the potential on-site and off-site threats of contamination identified at the site during IES's July 2009 Phase I investigation, a subsurface investigation was performed at the site on July 1, 2010. This program was performed primarily for geotechnical purposes by Subsurface Drilling of Tiverton, RI, and consisted of the advancement of three (3) test borings (B-1 through B-3), with groundwater monitoring wells installed in two (2) of the borings (B-2/MW and B-3/MW).

Test boring B-1 was advanced on the southwestern corner of the site; boring/monitoring well B-2/MW was placed to the northwest and down gradient of the former on-site UST's and to the west of the former UST at the easterly abutting property; and B-3/MW was advanced on the southeastern corner of the site, in the location of the former on-site gasoline UST's, which are depicted on 1934 and1950 Sanborn Atlases. The locations of the test borings and monitoring wells are shown in Figure 6 in **Attachment "A"**, and test boring logs are included in **Attachment "B"** of this report.

The test borings were advanced utilizing a 4.25-inch diameter hollow-stem auger on a truck mounted drilling rig, and no test boring logs were supplied to IES. A split spoon sampler was utilized to collect continuous soil samples. Each sample removed from the split-spoon sampler was placed into pre-cleaned 8 oz. jars for headspace screening.

The soil samples obtained from the test-boring program were screened with a Thermo Environmental Organic Vapor Meter (OVM) to detect the presence of Volatile Organic Compounds (VOC's) in soil headspace. The results of this screening program did not reveal any elevated headspace readings above background (0.0 ppm) in any of the soil samples obtained from the site, as shown in the following Table 1:

Table 1
Soil Sample Screening Results

Boring No.	Sample No.	Depth (feet)	VOC's (ppm)	Boring No.	Sample No.	Depth (feet)	VOC's (ppm)
B-1	S-1	2.5 - 4	0.0	B-2	S-1	0.7 – 2.5	0.0
	S-2	5 – 7	0.0		S-2	5 – 7	0.0
	S-3	7 – 9	0.0		S-3	10 – 12	0.0
	S-4	10 – 12	0.0		S-4	15 – 17	0.0
	S-5	15 – 17	0.0	B-3	S-1	0.5 – 2.5	0.0
	S-6	18 – 20	0.0		S-2	5 – 7	0.0
					S-3	10 – 12	0.0
					S-4	15 – 17	0.0

Notes: 1. ThermoEnvironmental Organic Vapor Meter
2. @ 10.2 Electron Volts
3. Span Calibrated for Benzene (Required by DEP)
4. Background at 0.0 ppm

Due to the absence of any elevated headspace screening results above background, as well as the absence of any visual or olfactory evidence of contamination, no soil samples were submitted for laboratory analysis.

On July 5, 2010 the monitoring well B-3/MW was purged of approximately three volumes of standing water to ensure that the samples were representative of the aquifer. An attempt at sampling monitoring well B-2/MW indicated that it was dry, and as such groundwater samples could not be collected from this location. Groundwater samples were obtained from monitoring well B-3/MW with dedicated, disposable PVC bailers. The groundwater samples were preserved according to EPA guidelines published in 40 CMR 136, and immediately forwarded to Con-Test Laboratories, Inc. of East Longmeadow, MA for testing.

The samples obtained from monitoring well B-3/MW were tested for Extractable Petroleum Hydrocarbons (EPH), target Polynuclear Aromatic Hydrocarbons (PAH's), Volatile Petroleum Hydrocarbons (VPH), and target Volatile Organic Compounds (VOC's). Testing for VPH and VOC's was performed due to the site's former use as a gasoline station and to address the former gasoline UST's depicted on Sanborn Insurance Atlases. In addition testing for EPH and target PAH's was conducted to address any former fuel oil, diesel fuel, or waste oil UST's which may also have been utilized by the former gasoline station.

The results of this testing did not revealed the presence of any elevated levels of EPH compounds, target PAH's, VPH compounds or target VOC's, above laboratory quantitation limits, in any of the groundwater samples collected from the site. Laboratory reports are included in **Attachment "B"** of this report. It is noted that since no evidence of soil contamination was encountered at boring B-2, as well as the fact that B-3/MW is located in the area of the former on-site UST's, the absence of groundwater testing at B-2/MW is not considered essential for the purposes of this investigation.

According to 310 CMR 40.0362(1)(b), the groundwater at the site is classified as Category RCGW-2 for reporting purposes. This is due to the fact that the site is NOT located within a "Current Drinking Water Source Area" or within a "Potential Drinking Water Source Area".

According to 310 CMR 40.0006, a Current Drinking Water Source Area is defined as groundwater located: (a) within the Zone II for a public water supply; (b) within the Interim Wellhead Protection Area for a public water supply; (c) within the Zone A of a Class A surface water body used as a public water supply; or (d) within 500 feet of a private water supply well. A Potential Drinking Water Source Areas is defined as groundwater located: (a) 500 feet or more from a public water supply distribution pipeline; (b) within an area designated by a municipality specifically for the protection of groundwater quality to ensure its availability for use as a source of potable water supply; or (c) within a Potentially Productive Aquifer that has not been excluded as a Non-Potential Drinking Water Source Area.

D. Conclusions

A subsurface investigation was performed at the site by IES in order to address the potential on-site and off-site threats of contamination identified in a "Phase I Environmental Site Assessment" report dated July 13, 2009 by IES (Project No. 709-1224). Specifically, the previous report noted that Sanborn Insurance Atlases dated 1934 and 1950 indicated that the southeastern corner of the site was occupied by a gasoline filling station, and three gasoline UST's are depicted on those atlases.

Potential off-site threats of contamination include the former use of the easterly abutting property at 349 Summer Street for automotive repair activities and the presence of a gasoline UST at this property, as depicted on Sanborn Atlases dated 1934 and 1950. Potential off-site threats of contamination also include the documented fuel oil UST and the DEP listed spill at 371 Summer Street (N85-0866), which abuts the subject site to the west. In addition, the documented underground storage of gasoline at 339 and 377-379 Summer Street, both located within 250 feet of the subject site, were also considered to pose a potential environmental threat to the subject site. Finally, as detailed in the Phase I report, the DEP Disposal Site at 201-203 Elm Street (RTN 3-0149) and the UST-related releases at 363 Highland Avenue (N89-1434 and N90-1418), which are situated approximately 150 feet southwest and 175 feet northeast of the site, respectively, were also considered to pose potential environmental threats to the site.

The subsurface investigation performed by IES included the advancement of three (3) test borings (B-1 through B-3), with groundwater monitoring wells installed in two (2) of the borings (B-2/MW and B-1/MW). Test boring B-1 was advanced on the southwestern corner of the site; B-2/MW was placed to the northwest and down gradient of the former on-site UST's and to the west of the former UST at the easterly abutting property; and B-3/MW was advanced in the location of the former on-site gasoline UST's.

Headspace screening of soil samples for VOC's did not reveal any elevated headspace readings above background (0.0 ppm) in any of the soil samples obtained from the site. Therefore, laboratory analysis of soil samples was not considered warranted.

Laboratory testing of groundwater samples collected from monitoring well B-3/MW did not reveal the presence of any elevated levels of EPH compounds, target PAH's, VPH compounds or target VOC's, above laboratory quantitation limits, in any of the groundwater samples collected from the site. In addition, as previously noted monitoring well B-2/MW was dry and therefore, groundwater samples could not be collected at that location at this time. However, as previously detailed, since no evidence of soil contamination was encountered at boring B-2, as well as the fact that B-3/MW is located in the area of the former on-site UST's, the absence of groundwater testing at B-2/MW is not considered essential for the purposes of this investigation.

Therefore, based on the contents of this report, the interpretation of the data above, and the interpretation of the remainder of the information detailed in this report, the subject site is not considered to exhibit a release of oil or hazardous materials and therefore, **DEP Notification is NOT required** at this time.

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.

Daniel G. Jaffe
President

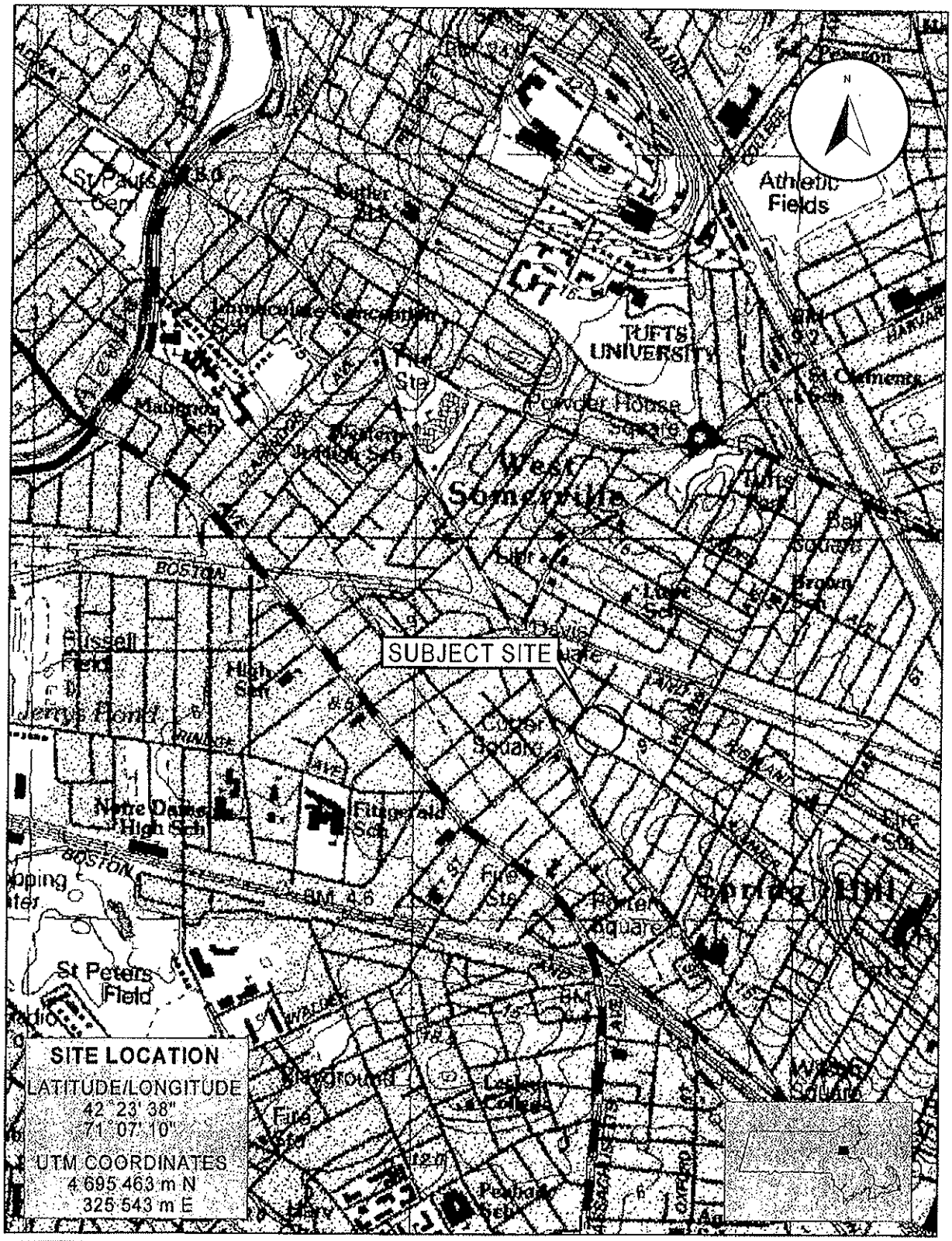
Reviewed By:

fa Melissa Alvarado
Project Manager

IES, INC.

ATTACHMENT "A"

FIGURES



USGS BOSTON NORTH, MA QUADRANGLE

351 SUMMER STREET, SOMERVILLE, MA

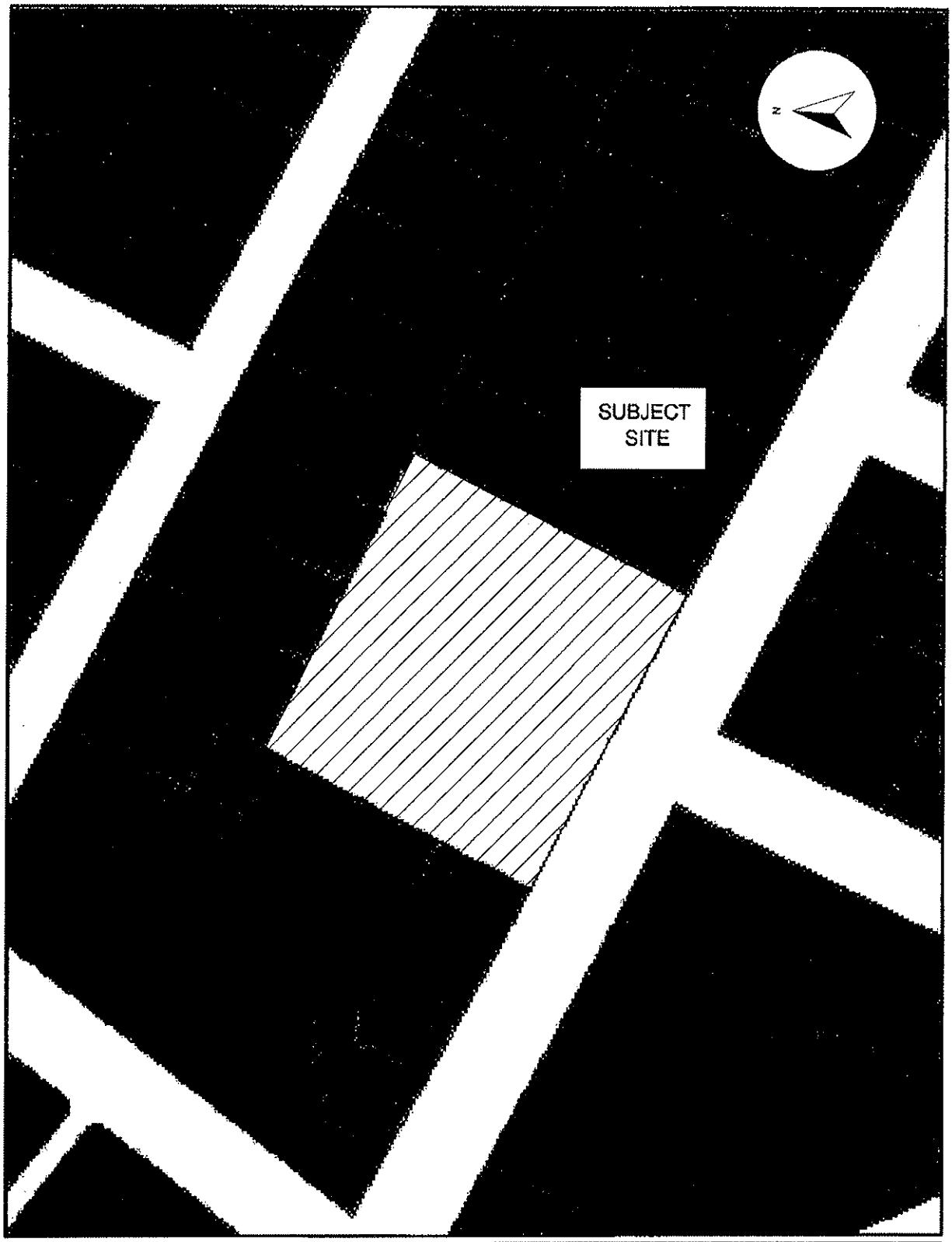
APPROXIMATE SCALE

533 FT 0 1,066 FT

CONTOUR INTERVAL 3 METERS
DATUM MEAN SEA LEVEL

FIGURE 1

IES, INC.
ENVIRONMENTAL CONSULTANTS



CITY OF SOMERVILLE
ASSESSOR'S MAP #25

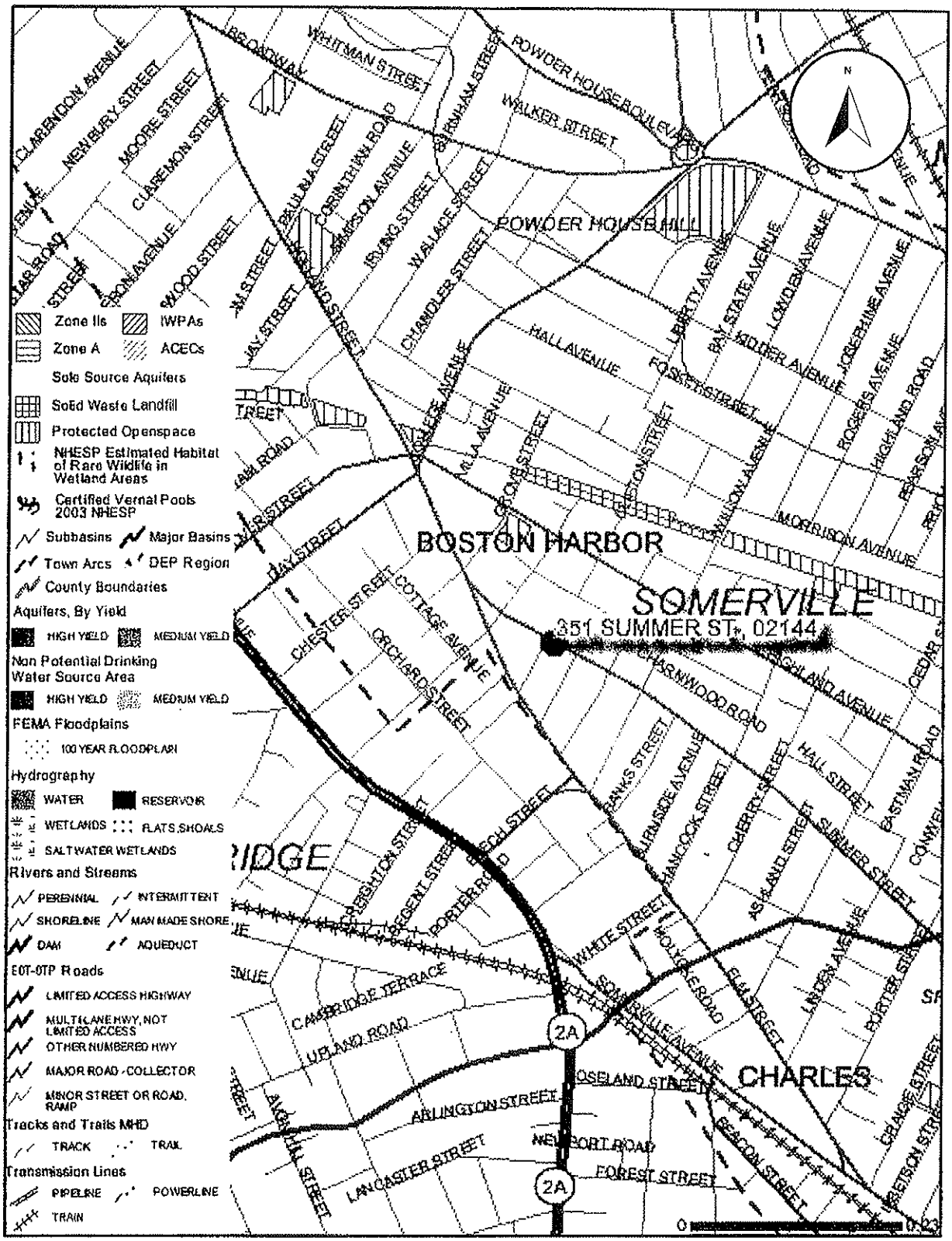
351 SUMMER STREET
SOMERVILLE, MA

APPROXIMATE SCALE

34 0 68 FT

FIGURE 2

IES, INC.
ENVIRONMENTAL CONSULTANTS



DEP PRIORITY RESOURCES MAP

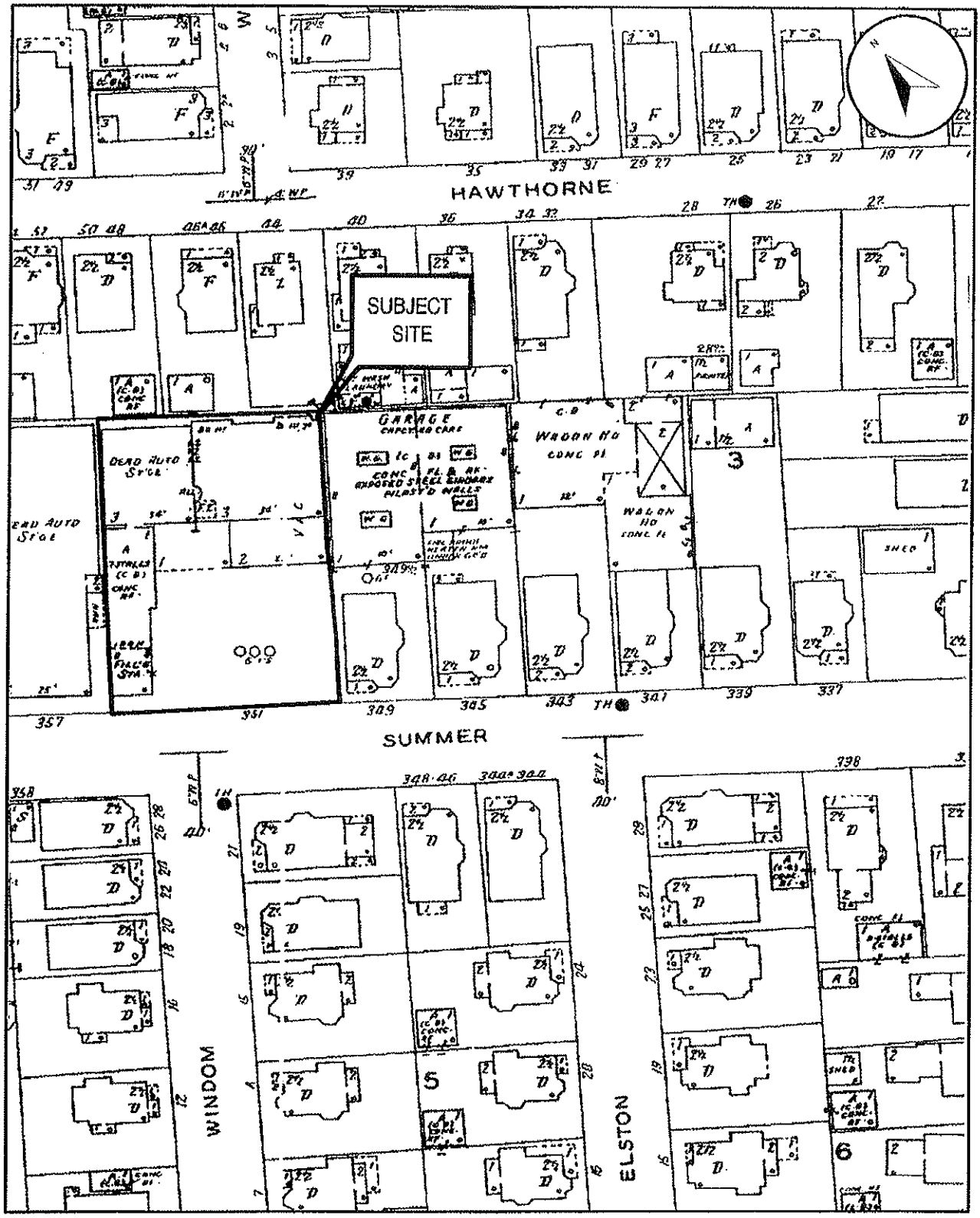
351 SUMMER STREET
SOMERVILLE, MA

APPROXIMATE SCALE

405 0 810 FT

FIGURE 3

IES, INC.
ENVIRONMENTAL CONSULTANTS



SANBORN INSURANCE ATLAS OF SOMERVILLE (1934)

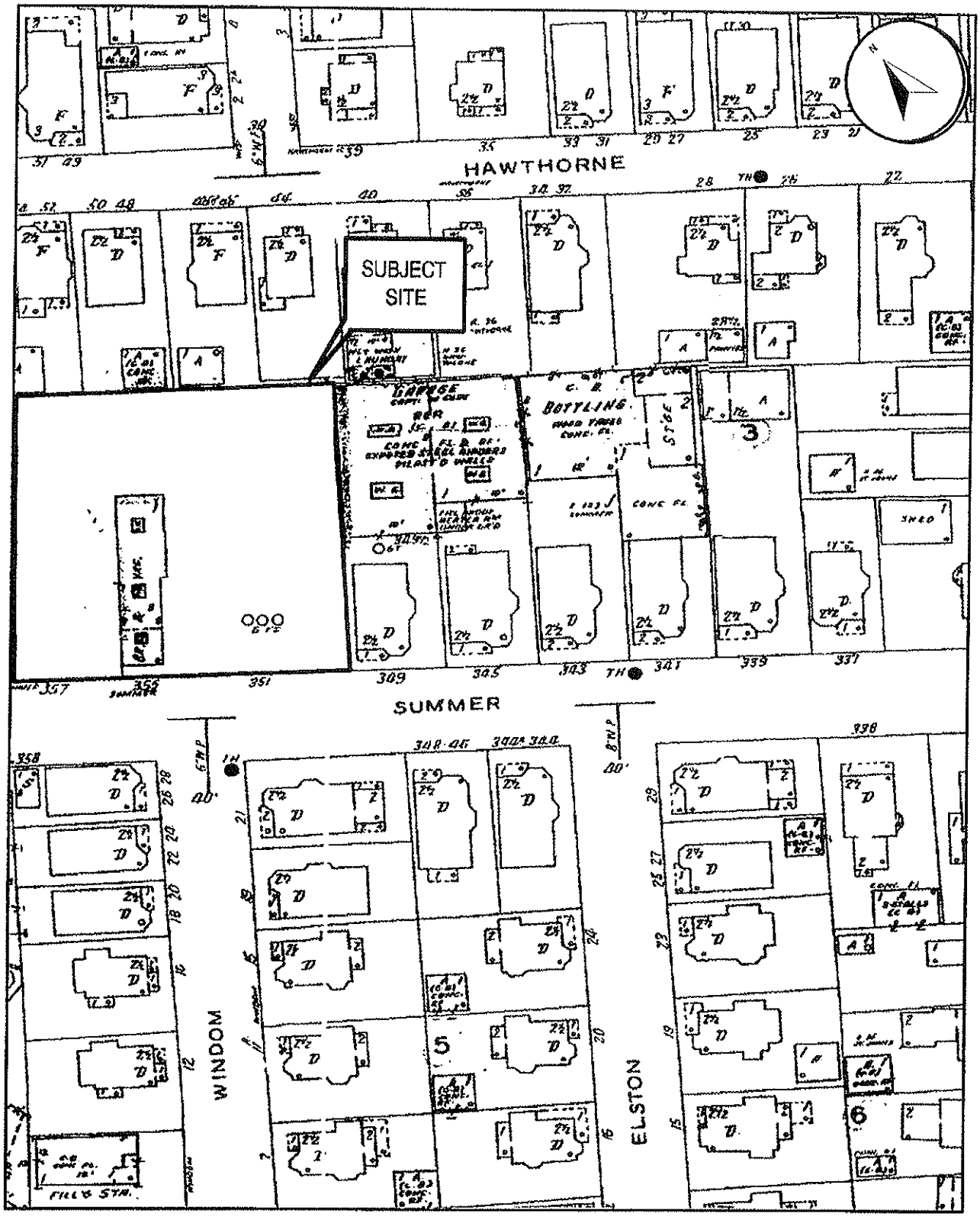
351 SUMMER STREET, SOMERVILLE, MA

APPROXIMATE SCALE

36 0 72 FT

FIGURE 4

IES, INC.
ENVIRONMENTAL CONSULTANTS



SANBORN INSURANCE ATLAS OF SOMERVILLE (1950)

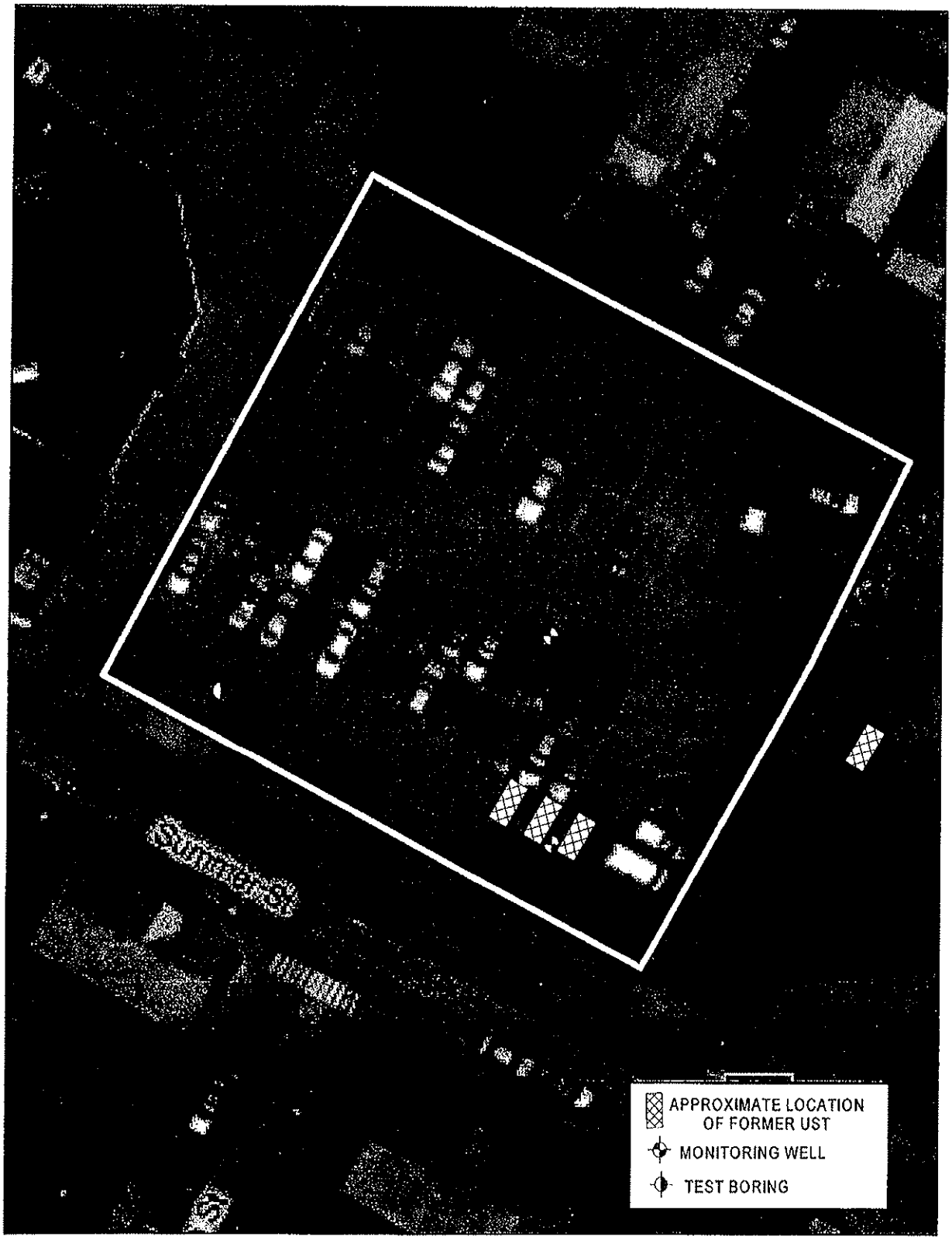
351 SUMMER STREET, SOMERVILLE, MA

APPROXIMATE SCALE

36 0 72 FT

FIGURE 5

IES, INC. ENVIRONMENTAL CONSULTANTS



SITE PLAN

351 SUMMER STREET, SOMERVILLE, MA

JULY 1, 2010

APPROXIMATE SCALE

18 0 36 FT

FIGURE 6

IES, INC.
ENVIRONMENTAL CONSULTANTS

ATTACHMENT "B"

LABORATORY RESULTS

con-test®
ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 14, 2010

Dan Jaffe
IES - Somerville
5 Middlesex Avenue, Suite 307
Somerville, MA 02145

Project Location: Summer Street - Somerville
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 10G0221

Enclosed are results of analyses for samples received by the laboratory on July 7, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Meghan E. Kelley
Project Manager

con-test®
ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

IES - Somerville
5 Middlesex Avenue, Suite 307
Somerville, MA 02145
ATTN: Dan Jaffe

REPORT DATE: 7/14/2010

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10G0221

The results of analyses perfoomed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Summer Street - Somerville

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B-3/MW	10G0221-01	Ground Water		MADEP-EPH-04-1.1	
				MADEP-VPH-04-1.1	
Equipment Blank	10G0221-02	Equipment Blank Water		MADEP-EPH-04-1.1	
				MADEP-VPH-04-1.1	

con-test®
ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

MADEP-EPH-04-1.1

SPE cartridge contamination with non-petroleum compounds, if present, is verified by GC/MS in each method blank per extraction batch and excluded from C11-C22 aromatic range fraction in all samples in the batch. No significant modifications were made to the method.

MADEP-VPH-04-1.1

No significant modifications were made to the method. All VPH samples were received preserved properly at pH <2 in the proper containers as specified on the chain-of-custody form unless specified in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Summer Street - Somerville
Sample Description:
Work Order: 10G0221

Date Received: 7/7/2010

Field Sample #: B-3/MW

Sample ID: 10G0221-01
Start Date/Time: 7/6/2010 1:15:00PM

Sample Matrix: Ground Water
Stop Date/Time: 7/6/2010 1:17:00PM

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Acenaphthylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Benzo(a)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Benzo(a)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Benzo(b)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Benzo(g,h,i)perylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Benzo(k)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Chrysene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Dibenz(a,h)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Indeno(1,2,3-cd)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Phenanthrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:22	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
Chlorooctadecane (COD)	45.3	40-140		7/12/10 18:22
o-Terphenyl (OTP)	73.3	40-140		7/12/10 18:22
2-Bromonaphthalene	91.9	40-140		7/12/10 18:22
2-Fluorobiphenyl	90.3	40-140		7/12/10 18:22

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Summer Street - Somerville | Sample Description: | Work Order: 10G0221

Date Received: 7/7/2010

Field Sample #: B-3/MW

Sample ID: 10G0221-01 | Start Date/Time: 7/6/2010 1:15:00PM

Sample Matrix: Ground Water | Stop Date/Time: 7/6/2010 1:17:00PM

Petroleum Hydrocarbons Analyses - VPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 17:15	EEH
C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 17:15	EEH
Unadjusted C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 17:15	EEH
C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 17:15	EEH
C9-C10 Aromatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 17:15	EEH
Benzene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 17:15	EEH
Ethylbenzene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 17:15	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 17:15	EEH
Naphthalene	ND	10	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 17:15	EEH
Toluene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 17:15	EEH
m+p Xylene	ND	2.0	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 17:15	EEH
o-Xylene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 17:15	EEH

Surrogates	% Recovery	Recovery Limits	Flag			
2,5-Dibromotoluene (FID)	95.3	70-130				7/9/10 17:15
2,5-Dibromotoluene (PID)	95.1	70-130				7/9/10 17:15

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ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Summer Street - Somerville | Sample Description: | Work Order: 10G0221

Date Received: 7/7/2010

Field Sample #: Equipment Blank

Sample ID: 10G0221-02 | Start Date/Time: 7/6/2010 9:58:00AM

Sample Matrix: Equipment Blank Water | Stop Date/Time: 7/6/2010 10:00:00AM

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Acenaphthylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Benzo(a)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Benzo(a)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Benzo(b)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Benzo(g,h,i)perylene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Benzo(k)fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Chrysene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Dibenz(a,h)anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Indeno(1,2,3-cd)pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Phenanthrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	7/9/10	7/12/10 18:43	CJM

Surrogates	% Recovery	Recovery Limits	Flag	
Chlorooctadecane (COD)	74.2	40-140		7/12/10 18:43
o-Terphenyl (OTP)	79.2	40-140		7/12/10 18:43
2-Bromonaphthalene	94.1	40-140		7/12/10 18:43
2-Fluorobiphenyl	93.7	40-140		7/12/10 18:43

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Summer Street - Somerville
Sample Description:
Work Order: 10G0221

Date Received: 7/7/2010

Field Sample #: Equipment Blank

Sample ID: 10G0221-02
Start Date/Time: 7/6/2010 9:58:00AM

Sample Matrix: Equipment Blank Water
Stop Date/Time: 7/6/2010 10:00:00AM

Petroleum Hydrocarbons Analyses - VPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 13:14	EEH
C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 13:14	EEH
Unadjusted C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 13:14	EEH
C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 13:14	EEH
C9-C10 Aromatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 13:14	EEH
Benzene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 13:14	EEH
Ethylbenzene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 13:14	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 13:14	EEH
Naphthalene	ND	10	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 13:14	EEH
Toluene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 13:14	EEH
m+p Xylene	ND	2.0	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 13:14	EEH
o-Xylene	ND	1.0	µg/L	1		MADEP-VPH-04-1.1	7/9/10	7/9/10 13:14	EEH

Surrogates	% Recovery	Recovery Limits	Flag		
2,5-Dibromotoluene (FID)	93.6	70-130			7/9/10 13:14
2,5-Dibromotoluene (PID)	93.1	70-130			7/9/10 13:14

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Sample Extraction Data

Prep Method: SW-846 3510C-MADEP-EPH-04-1.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10G0221-01 [B-3/MW]	B016040	1000	2.00	07/09/10
10G0221-02 [Equipment Blank]	B016040	1000	2.00	07/09/10

Prep Method: MA VPH-MADEP-VPH-04-1.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
10G0221-01 [B-3/MW]	B015991	5	5.00	07/09/10
10G0221-02 [Equipment Blank]	B015991	5	5.00	07/09/10

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B016040 - SW-846 3510C										
Blank (B016040-BLK1)				Prepared: 07/09/10 Analyzed: 07/12/10						
C9-C18 Aliphatics	ND	100	µg/L							
C19-C36 Aliphatics	ND	100	µg/L							
Unadjusted C11-C22 Aromatics	ND	100	µg/L							
C11-C22 Aromatics	ND	100	µg/L							
Acenaphthene	ND	2.0	µg/L							
Acenaphthylene	ND	2.0	µg/L							
Anthracene	ND	2.0	µg/L							
Benzo(a)anthracene	ND	2.0	µg/L							
Benzo(a)pyrene	ND	2.0	µg/L							
Benzo(b)fluoranthene	ND	2.0	µg/L							
Benzo(g,h,i)perylene	ND	2.0	µg/L							
Benzo(k)fluoranthene	ND	2.0	µg/L							
Chrysene	ND	2.0	µg/L							
Dibenz(a,h)anthracene	ND	2.0	µg/L							
Fluoranthene	ND	2.0	µg/L							
Fluorene	ND	2.0	µg/L							
Indeno(1,2,3-cd)pyrene	ND	2.0	µg/L							
2-Methylnaphthalene	ND	2.0	µg/L							
Naphthalene	ND	2.0	µg/L							
Phenanthrene	ND	2.0	µg/L							
Pyrene	ND	2.0	µg/L							
Surrogate: Chlorooctadecane (COD)	*78.9*		µg/L	100		78.9	40-140			
Surrogate: o-Terphenyl (OTP)	*89.5*		µg/L	100		89.5	40-140			
Surrogate: 2-Bromonaphthalene	*98.9*		µg/L	100		98.9	40-140			
Surrogate: 2-Fluorobiphenyl	*97.2*		µg/L	100		97.2	40-140			
LCS (B016040-BS1)				Prepared: 07/09/10 Analyzed: 07/12/10						
C9-C18 Aliphatics	492	100	µg/L	600		82.0	40-140			
C19-C36 Aliphatics	814	100	µg/L	800		102	40-140			
Unadjusted C11-C22 Aromatics	1530	100	µg/L	1700		89.8	40-140			
Acenaphthene	81.3	2.0	µg/L	100		81.3	40-140			
Acenaphthylene	81.8	2.0	µg/L	100		81.8	40-140			
Anthracene	88.2	2.0	µg/L	100		88.2	40-140			
Benzo(a)anthracene	92.5	2.0	µg/L	100		92.5	40-140			
Benzo(a)pyrene	85.5	2.0	µg/L	100		85.5	40-140			
Benzo(b)fluoranthene	89.8	2.0	µg/L	100		89.8	40-140			
Benzo(g,h,i)perylene	87.2	2.0	µg/L	100		87.2	40-140			
Benzo(k)fluoranthene	89.2	2.0	µg/L	100		89.2	40-140			
Chrysene	87.8	2.0	µg/L	100		87.8	40-140			
Dibenz(a,h)anthracene	87.0	2.0	µg/L	100		87.0	40-140			
Fluoranthene	87.3	2.0	µg/L	100		87.3	40-140			
Fluorene	84.2	2.0	µg/L	100		84.2	40-140			
Indeno(1,2,3-cd)pyrene	85.2	2.0	µg/L	100		85.2	40-140			
2-Methylnaphthalene	78.9	2.0	µg/L	100		78.9	40-140			
Naphthalene	71.6	2.0	µg/L	100		71.6	40-140			
Phenanthrene	87.3	2.0	µg/L	100		87.3	40-140			
Pyrene	90.6	2.0	µg/L	100		90.6	40-140			
n-Nonane	47.6	2.0	µg/L	100		47.6	30-140			
Naphthalene-aliphatic fraction	0.00		µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	1.76		µg/L	100		1.76	0-5			
Surrogate: Chlorooctadecane (COD)	*74.3*		µg/L	100		74.3	40-140			
Surrogate: o-Terphenyl (OTP)	*84.8*		µg/L	100		84.8	40-140			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B016040 - SW-846 3510C										
LCS (B016040-BS1)				Prepared: 07/09/10 Analyzed: 07/12/10						
Surrogate: 2-Bromonaphthalene	*94.3*		µg/L	100		94.3	40-140			
Surrogate: 2-Fluorobiphenyl	*93.2*		µg/L	100		93.2	40-140			
LCS Dup (B016040-BSD1)				Prepared: 07/09/10 Analyzed: 07/12/10						
C9-C18 Aliphatics	532	100	µg/L	600		88.7	40-140	7.87	25	
C19-C36 Aliphatics	883	100	µg/L	800		110	40-140	8.15	25	
Unadjusted C11-C22 Aromatics	1590	100	µg/L	1700		93.5	40-140	4.07	25	
Acenaphthene	83.9	2.0	µg/L	100		83.9	40-140	3.18	25	
Acenaphthylene	84.7	2.0	µg/L	100		84.7	40-140	3.48	25	
Anthracene	91.2	2.0	µg/L	100		91.2	40-140	3.38	25	
Benzo(a)anthracene	95.0	2.0	µg/L	100		95.0	40-140	2.75	25	
Benzo(a)pyrene	87.5	2.0	µg/L	100		87.5	40-140	2.37	25	
Benzo(b)fluoranthene	92.1	2.0	µg/L	100		92.1	40-140	2.52	25	
Benzo(g,h,i)perylene	89.4	2.0	µg/L	100		89.4	40-140	2.44	25	
Benzo(k)fluoranthene	91.0	2.0	µg/L	100		91.0	40-140	2.04	25	
Chrysene	90.1	2.0	µg/L	100		90.1	40-140	2.59	25	
Dibenz(a,h)anthracene	87.7	2.0	µg/L	100		87.7	40-140	0.831	25	
Fluoranthene	90.8	2.0	µg/L	100		90.8	40-140	3.87	25	
Fluorene	87.7	2.0	µg/L	100		87.7	40-140	4.06	25	
Indeno(1,2,3-cd)pyrene	87.0	2.0	µg/L	100		87.0	40-140	2.06	25	
2-Methylnaphthalene	80.9	2.0	µg/L	100		80.9	40-140	2.59	25	
Naphthalene	73.2	2.0	µg/L	100		73.2	40-140	2.17	25	
Phenanthrene	90.6	2.0	µg/L	100		90.6	40-140	3.64	25	
Pyrene	93.9	2.0	µg/L	100		93.9	40-140	3.65	25	
n-Nonane	48.9	2.0	µg/L	100		48.9	30-140	2.82	25	
Naphthalene-aliphatic fraction	0.00		µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	0.00		µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*82.0*		µg/L	100		82.0	40-140			
Surrogate: o-Terphenyl (OTP)	*87.6*		µg/L	100		87.6	40-140			
Surrogate: 2-Bromonaphthalene	*97.3*		µg/L	100		97.3	40-140			
Surrogate: 2-Fluorobiphenyl	*96.2*		µg/L	100		96.2	40-140			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - VPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B015991 - MA VPH										
Blank (B015991-BLK1)				Prepared & Analyzed: 07/09/10						
Unadjusted C5-C8 Aliphatics	ND	100	µg/L							
C5-C8 Aliphatics	ND	100	µg/L							
Unadjusted C9-C12 Aliphatics	ND	100	µg/L							
C9-C12 Aliphatics	ND	100	µg/L							
C9-C10 Aromatics	ND	100	µg/L							
Benzene	ND	1.0	µg/L							
Butylcyclohexane	ND	1.0	µg/L							
Decane	ND	1.0	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
2-Methylpentane	ND	1.0	µg/L							
Naphthalene	ND	10	µg/L							
Nonane	ND	1.0	µg/L							
Pentane	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
2,2,4-Trimethylpentane	ND	1.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 2,5-Dibromotoluene (FID)	*36.4*		µg/L	40.0		90.9	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	*36.8*		µg/L	40.0		91.9	70-130			
LCS (B015991-BS1)				Prepared & Analyzed: 07/09/10						
Benzene	102	1.0	µg/L	100		102	70-130			
Butylcyclohexane	99.9	1.0	µg/L	100		99.9	70-130			
Decane	106	1.0	µg/L	100		106	70-130			
Ethylbenzene	102	1.0	µg/L	100		102	70-130			
Methyl tert-Butyl Ether (MTBE)	96.6	1.0	µg/L	100		96.6	70-130			
2-Methylpentane	116	1.0	µg/L	100		116	70-130			
Naphthalene	98.0	10	µg/L	100		98.0	70-130			
Nonane	98.4	1.0	µg/L	100		98.4	30-130			
Pentane	105	1.0	µg/L	100		105	70-130			
Toluene	102	1.0	µg/L	100		102	70-130			
1,2,4-Trimethylbenzene	104	1.0	µg/L	100		104	70-130			
2,2,4-Trimethylpentane	106	1.0	µg/L	100		106	70-130			
m+p Xylene	206	2.0	µg/L	200		103	70-130			
o-Xylene	101	1.0	µg/L	100		101	70-130			
Surrogate: 2,5-Dibromotoluene (FID)	*38.5*		µg/L	40.0		96.4	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	*39.6*		µg/L	40.0		98.9	70-130			
LCS Dup (B015991-BSD1)				Prepared & Analyzed: 07/09/10						
Benzene	100	1.0	µg/L	100		100	70-130	1.54	25	
Butylcyclohexane	112	1.0	µg/L	100		112	70-130	11.8	25	
Decane	121	1.0	µg/L	100		121	70-130	13.0	25	
Ethylbenzene	100	1.0	µg/L	100		100	70-130	1.57	25	
Methyl tert-Butyl Ether (MTBE)	96.1	1.0	µg/L	100		96.1	70-130	0.479	25	
2-Methylpentane	111	1.0	µg/L	100		111	70-130	3.82	25	
Naphthalene	104	10	µg/L	100		104	70-130	5.81	25	
Nonane	118	1.0	µg/L	100		118	30-130	18.2	25	
Pentane	89.7	1.0	µg/L	100		89.7	70-130	15.4	25	
Toluene	101	1.0	µg/L	100		101	70-130	1.57	25	
1,2,4-Trimethylbenzene	103	1.0	µg/L	100		103	70-130	0.961	25	

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - VPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B015991 - MA VPH										
LCS Dup (B015991-BSD1)				Prepared & Analyzed: 07/09/10						
2,2,4-Trimethylpentane	110	1.0	µg/L	100		110	70-130	3.41	25	
m+p Xylene	203	2.0	µg/L	200		102	70-130	1.30	25	
o-Xylene	100	1.0	µg/L	100		100	70-130	1.16	25	
Surrogate: 2,5-Dibromotoluene (FID)	*41.5*		µg/L	40.0		104	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	*41.7*		µg/L	40.0		104	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
MADEP-EPH-04-1.1 in Water	
C9-C18 Aliphatics	CT,NC,WA
C19-C36 Aliphatics	CT,NC,WA
Unadjusted C11-C22 Aromatics	CT,NC,WA
C11-C22 Aromatics	CT,NC,WA
Acenaphthene	CT,NC,WA
Acenaphthylene	CT,NC,WA
Anthracene	CT,NC,WA
Benzo(a)anthracene	CT,NC,WA
Benzo(a)pyrene	CT,NC,WA
Benzo(b)fluoranthene	CT,NC,WA
Benzo(g,h,i)perylene	CT,NC,WA
Benzo(k)fluoranthene	CT,NC,WA
Chrysene	CT,NC,WA
Dibenz(a,h)anthracene	CT,NC,WA
Fluoranthene	CT,NC,WA
Fluorene	CT,NC,WA
Indeno(1,2,3-cd)pyrene	CT,NC,WA
2-Methylnaphthalene	CT,NC,WA
Naphthalene	CT,NC,WA
Phenanthrene	CT,NC,WA
Pyrene	CT,NC,WA
MADEP-VPH-04-1.1 in Water	
Unadjusted C5-C8 Aliphatics	CT,NC,WA
C5-C8 Aliphatics	CT,NC,WA
Unadjusted C9-C12 Aliphatics	CT,NC,WA
C9-C12 Aliphatics	CT,NC,WA
C9-C10 Aromatics	CT,NC,WA
Benzene	CT,NC,WA
Ethylbenzene	CT,NC,WA
Methyl tert-Butyl Ether (MTBE)	CT,NC,WA
Naphthalene	CT,NC,WA
Toluene	CT,NC,WA
m+p Xylene	CT,NC,WA
o-Xylene	CT,NC,WA

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2010
WA	State of Washington Department of Ecology	C2065	02/23/2011

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Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

5 Bottles

10G0221

39 Spruce Street
East longmeadow, MA 01028

Company Name: IES, Inc.
Address: 5 Middlesex Avenue, Suite 307
Somerville, MA
Attention: Daniel Jaffe
Project Location: Summer Street - Somerville
Sampled By: John Beck

Telephone: (617) 776-2715
Project #
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ○ WEBSITE
Fax #
Email: djaffe@iesinc-envionmental.com
Format: ◉ PDF ○ EXCEL ○ GIS ○ OTHER ○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers: 3	** Preservation: H	***Container Code: V	VPH w/analytes	# of Containers: 2	** Preservation: H	***Container Code: A	EPH w/Analytes
	~~Equipment Blank~~	→									~~✓~~				~~✓~~
-01	B-3/MW	7/6/10 1:15	1:17		X	GW	U				✓				✓
-02	Equipment Blank	7/6/10 9:58	10:00.			DI	C				✓				✓

ANALYSIS REQUESTED

Dissolved Metals
◉ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:

temp = 4.0

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 7/7/10 0954
Received by: (signature)	Date/Time: 7/7/10 0954
Relinquished by: (signature)	Date/Time: 7/7/10 1760
Received by: (signature)	Date/Time: 7/7/10 1750

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other 5 day
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: GW-2
Connecticut:
Other:

Is your project MCP or RCP ?
◉ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: _____ RECEIVED BY: _____ DATE: _____

1) Was the chain(s) of custody relinquished and signed? (Yes) No

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:

On Ice [x] Direct from Sampling [ ] Ambient [ ] In Cooler(s) [x]

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.0

5) Are there Dissolved samples for the lab to filter? Yes No

Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? Yes No Stored where: _____

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes No

Who was notified _____ Date _____ Time _____

8) Location where samples are stored: _____

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	2	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below	3	SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	

Laboratory Comments:

40 mL vials: # HCl 3 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 10G0221
Project Location: Summer Street - Somerville	RTN:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

10G0221-01 thru 10G0221-02

Matrices: Water

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	7470/7471 Hg CAM IIIB ( )	MassDEP VPH CAM IV A (X)	8081 Pesticides CAM V B ( )	7196 Hex Cr CAM VI B ( )	MassDEP APH CAM IX A ( )
8270 SVOC CAM II B ( )	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A (X)	8151 Herbicides CAM V C ( )	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A ( )	6020 Metals CAM III D ( )	8082 PCB CAM V A ( )	9014 Total Cyanide/PAC CAM VI A ( )	6860 Perchlorate CAM VIII B ( )	

Affirmative response to Questions A throughF is required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑ Yes	☐ No[1]
B	Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?	☑ Yes	☐ No[1]
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes	☐ No[1]
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?	☑ Yes	☐ No[1]
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	☑ Yes	☐ No[1]
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes	☐ No[1]
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Qestions A through E)?	☑ Yes	☐ No[1]

A response to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☑ Yes	☐ No[1]

Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.

H	Were all QC perfomance standards specified in the CAM protocol(s) achieved?	☑ Yes	☐ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☑ Yes	☐ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature:  Position: Laboratory Manager

Printed Name: Daren J. Damboragian Date: 07/14/10