PERMANENT SOLUTION WITH CONDITIONS - PARTIAL

OCTOBER 2015

87 Grove Street
Franklin, Massachusetts

Town of Franklin

TATA & HOWARD

Permanent Solution with Conditions - Partial
for
87 Grove Street
Franklin, Massachusetts
RTN 2-16694

Prepared for

Massachusetts Department of Environmental Protection
Central Regional Office
8 New Bond Street
Worcester, Massachusetts

October 8, 2015

Prepared by

TATA & HOWARD

TATA & HOWARD

October 8, 2015

Massachusetts Department of Environmental Protection
Central Regional Office
8 New Bond Street
Worcester, MA 01606

Subject: Permanent Solution with Conditions - Partial
87 Grove Street
Franklin, Massachusetts
RTN 2-16694
T&H No. 3969

Dear Sir or Madam:

On behalf of the Town of Franklin, Tata & Howard (T&H) is pleased to present this Permanent Solution with Conditions - Partial (PSC-P) for a portion of the property located at 87 Grove Street in Franklin, Massachusetts ("Site"). The Site is a former textile, paint, and jewelry manufacturing facility that is the location of historical releases of chlorinated volatile organic compounds (CVOCs), polycyclic aromatic hydrocarbons (PAHs), and metals to the environment. However, the portion of the Site located south of Mine Brook, which is the subject of this PSC-P, was primarily used for parking and available documentation indicates that no industrial processes occurred on this portion of the Site. T&H refers to this southern portion of the Site as the "Property."

T&H is of the opinion that a condition of No Significant Risk has been achieved at the Property. The sources of the release, which are the former manufacturing operations at other areas of the Site, have been terminated and the concentrations of CVOCs in the monitoring wells located at the Property have been reduced to background as defined in the Massachusetts Contingency Plan (MCP; 310 CMR 40.0000). Therefore, T&H is of the opinion that the requirements for a PSC-P have been met for the Property in accordance with the MCP and that additional remedial actions are not required. In addition, an Activity and Use Limitation is not required to maintain the condition of No Significant Risk. However, the Condition associated with this PSC-P is that if a building is constructed at the Property a vapor barrier and active sub slab depressurization system may be necessary.

Tata & Howard
67 Forest Street | Marlborough, MA 01752
T: 508-303-9400 | F: 508-449-9400
www.tataandhoward.com

Other Offices
MA | NH | CT | ME | VT | AZ

Please do not hesitate to contact the undersigned if you have any questions or require further information.

Sincerely,

TATA & HOWARD, INC.

James J. DeAngelis
Project Environmental Scientist

Jonathan R. O'Brien, LEP, LSP
Senior Hydrogeologist

TABLE OF CONTENTS

Letter of Transmittal

LIST OF TABLES

TABLE OF CONTENTS (continued)

LIST OF FIGURES

LIST OF APPENDICES

1.0 INTRODUCTION

Tata & Howard (T&H), on behalf of the Town of Franklin, is submitting this Permanent Solution with Conditions - Partial (PSC-P) for the presence of chlorinated volatile organic compounds (CVOCs) in groundwater at a portion of the property located at 87 Grove Street in Franklin, Massachusetts ("Site"). The Site is comprised of two contiguous, irregularly shaped parcels identified by the Franklin Assessors' Office as Lots 22 and 27 on Map 276. A Site Locus is attached as Figure No. 1. The portion of the Site that is the subject of this PSC-P is located on the southern side of Mine Brook and is referred to as the "Property" for purposes of this submittal. The outline of the Property is shown on Figure No. 2.

Groundwater at the Property has been affected by a release of CVOCs that occurred at the Site. The release is identified by Massachusetts Department of Environmental Protection (MassDEP) Release Tracking Number (RTN) 2-16694. T&H notes that the release conditions identified at the Site also include polycyclic aromatic hydrocarbons (PAHs) and heavy metals. However, PAHs and metals have not been detected at the Property at concentrations above the RCS-1 or RCGW-2 Reportable Concentrations. Therefore, for the purpose of this submittal the contaminants of concern (COCs) are limited to CVOCs.

Fuss & O'Neill submitted a Phase I - Initial Site Investigation (Phase I - ISI) for the release to MassDEP in May 2008 and a Release Abatement Measure (RAM) Completion Report in April 2013. Please refer to these reports for additional details regarding the release and response actions conducted at the Site to date. T&H notes that Phase II - Comprehensive Site Assessment activities are ongoing at the northern portion of Lot 27 and at the adjacent Town-owned property (Lot 22).

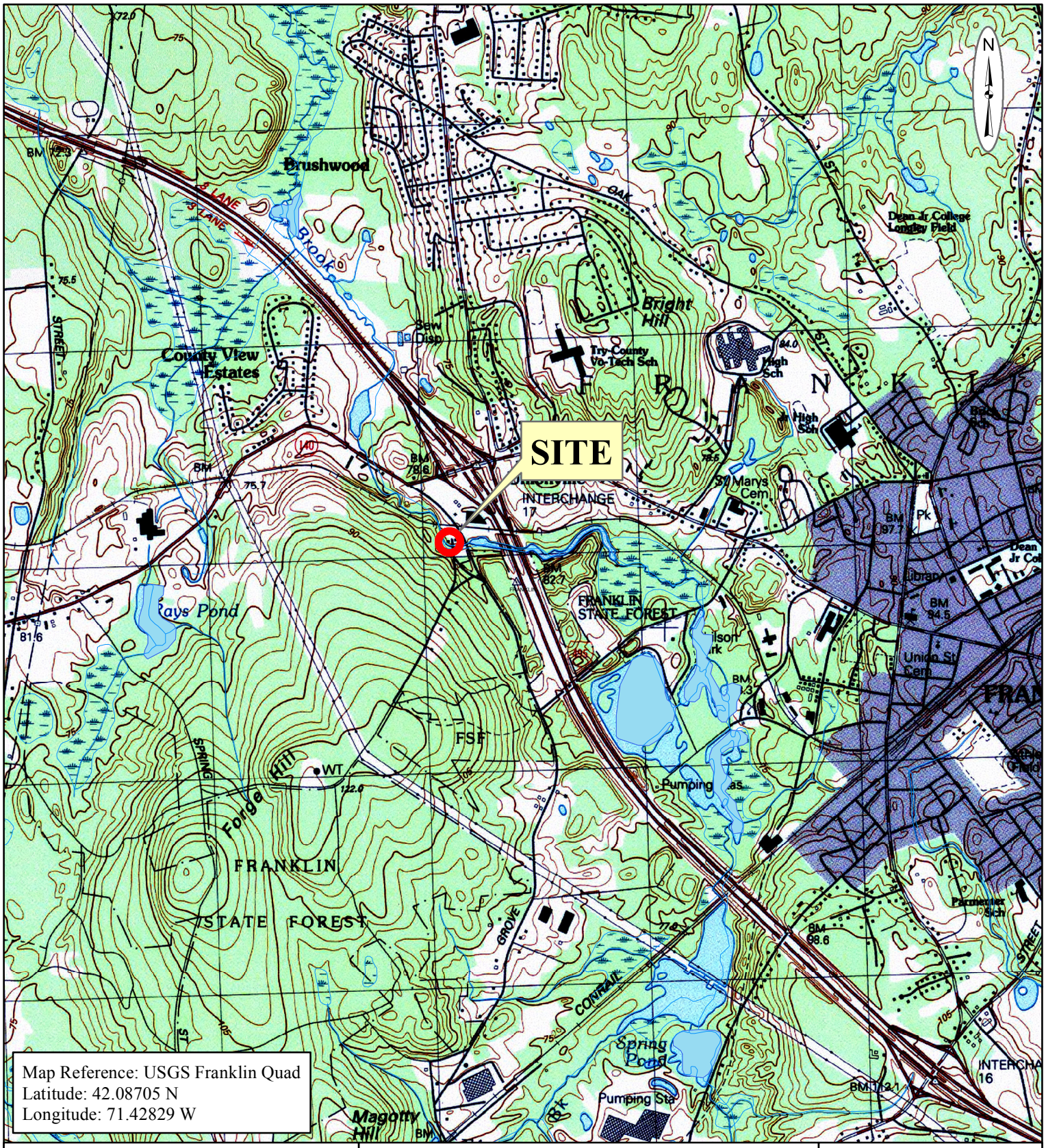
1.1 Party Filing This Permanent Solution with Conditions - Partial

The party filing this PSC-P is:

Town of Franklin
355 East Central Street
Franklin, MA 02038
Contact: Mr. Jeffrey D. Nutting
Town Administrator
Telephone: 508-520-4949

The Licensed Site Professional (LSP) for this submittal is:

Mr. Jonathan R. O'Brien, LSP (No. 4562)
Tata & Howard, Inc.
10 Riverside Drive, Suite 204
Lakeville, MA 02347
Telephone: 508-386-9338



TATA & HOWARD

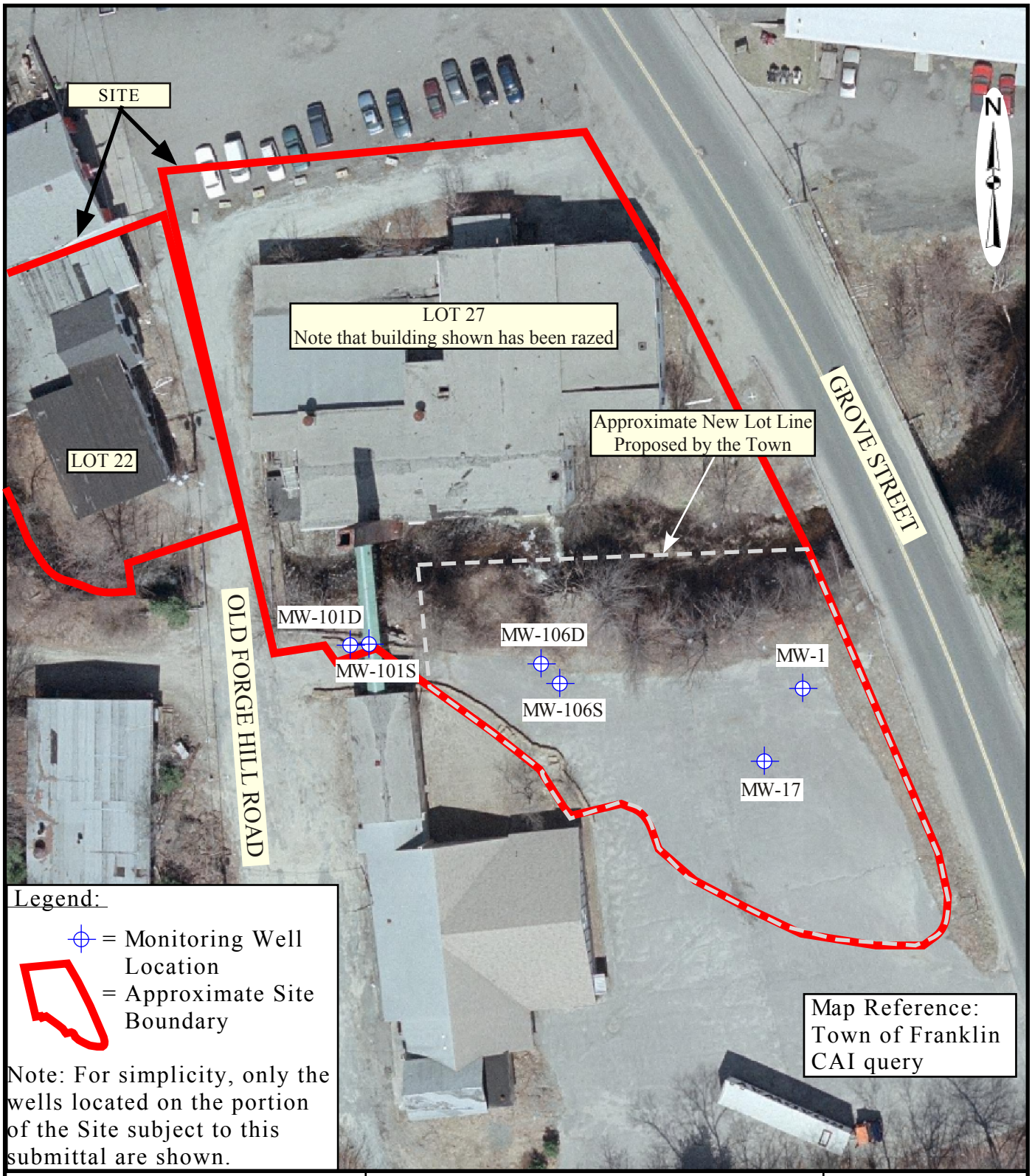
Date: SEPTEMBER 2015
Approximate Scale: 1" = 2,000'

SITE LOCUS

87 GROVE STREET
FRANKLIN, MASSACHUSETTS

Figure No.

1



TATA & HOWARD

Date: SEPTEMBER 2015

Scale 0 50

FEET (APPROXIMATE)

AERIAL SITE PLAN

87 GROVE STREET
FRANKLIN, MASSACHUSETTS

Figure No.

2

2.0 SITE DESCRIPTION AND HISTORY

The Site is located on the western side of Grove Street in an industrial, commercial, and residential area of Franklin. The closest residential property is located at 15 Old Forge Hill Road, approximately 75 feet west of a dilapidated building on Lot 22. The Site was formerly occupied by Nu-Style Company, Inc., (Nu-Style) a jewelry manufacturing facility, and, as previously indicated, is comprised of two contiguous, irregularly shaped parcels identified by the Franklin Assessors' Office as Lots 22 and 27 on Map 276. The Town of Franklin acquired Lot 22 in 2002 and Lot 27 in 2005 via tax title. Lot 22 is approximately 0.23 acres in area and is occupied by the dilapidated building. Lot 27 is approximately 0.97 acres in area and was previously occupied by the main manufacturing building that was razed in 2012. Mine Brook flows through the Site from east to west, bisecting the formerly developed northern portion of Lot 27 from the undeveloped Property, which is the subject of this submittal.

The buildings were heated by oil. Fill and vent pipes indicate that the dilapidated building housed an aboveground storage tank (AST). A 5,000 gallon heating oil tank, previously located in a bunker, was removed from the Site in 2007. However, prior environmental reports indicate that as many as five underground storage tanks (USTs) with a total capacity of approximately 15,000 gallons were utilized for petroleum storage. Available records do not indicate that these tanks were located on the Property.

The former industrial building was constructed around 1900. The textile manufacturer Unionville Woolen Mills initially occupied the building. Following Unionville Woolen Mills' operations, a paint manufacturer (Franklin Paint Company) occupied the Site. The specific operations employed by these owners involved the manufacture or onsite use of hazardous materials, including dyes, paints, and solvents, as well as the use of coal or oil for building and process heat.

In the 1950s, Grove Street was constructed along the eastern portion of Lot 27. At the time, the eastern portion of Lot 27 (upstream of the dam) and portions of the property that abuts Lot 27 to the south (Lot 26, a.k.a., 25 Grove Street) were part of Mine Brook mill pond. Portions of the former industrial building were constructed over the pond. At some point in the 1960s, the submerged portions of Lots 26 and 27 were filled and, according to previous reports, the origin of the fill could not be identified.

In 1969, Nu-Style and another firm, Image Jewelry, initiated the manufacturing of costume jewelry at the Site. Operations in use at this time included metal plating, degreasing, and other metalworking and finishing operations. Additionally, at least five USTs with a total capacity of approximately 15,000 gallons of petroleum were utilized onsite. Nu-Style vacated the building around 1989, and left behind numerous containers of hazardous materials, as well as contaminated process equipment. In 1991, Nu-Style declared bankruptcy, and the property ownership defaulted to the Federal Deposit Insurance Corporation (FDIC). In 1992, MassDEP and Town personnel inspected the property and observed containers and process equipment containing potentially hazardous chemicals.

3.0 ENVIRONMENTAL RECEPTORS AND HYDROGEOLOGICAL CHARACTERIZATION

According to the Bureau of Waste Site Cleanup's (BWSC's) Phase I Site Assessment Map, the Site is not located within a current or potential drinking water source area as defined in the MCP. Private potable water supply wells are not known to exist within 500 feet. As previously indicated, Mine Brook bisects Lot 27 and bends to the north forming the western boundary of Lot 22. Wetlands on the banks of Mine Brook are located across Grove Street. According to the Phase I Site Assessment Map, there are no Areas of Critical Environmental Concern, or habitats under the jurisdiction of Natural Heritage & Endangered Species Program in the vicinity of the Site. A copy of the Phase I Site Assessment Map is included as Figure No. 3.

Groundwater depths at the Site range from 4 to 6.5 feet below ground surface (bgs). Water table elevation surveys using the existing wells indicate that groundwater at the northern portion of Lot 27 flows generally to the southwest toward Mine Brook. Groundwater at the Property is estimated to flow generally to the northwest toward Mine Brook. A copy of the groundwater elevation contour map is included as Figure No. 4.

According to previous subsurface evaluations, overburden soils consist of fill described as sand, gravel, silt, loam, and boulders. Varying amounts of wood and brick were also observed to depths of up to eight and a half feet bgs.

T&H reviewed the following reports to evaluate environmental conditions at the Site:

- Phase II - Environmental Site Assessment Report Former Nu-Style Company, Inc., prepared by Fuss & O'Neill, dated January 2007;
- Phase I - Environmental Site Assessment Former Nu-Style Company, Inc., prepared by Fuss & O'Neill, Inc. (Fuss & O'Neil) dated February 2007;
- Phase II - Environmental Site Assessment Report Former Nu-Style Company, Inc., prepared by Fuss & O'Neill, dated September 2007;
- Phase II - Environmental Site Assessment Addendum Former Nu-Style Company, Inc., prepared by Fuss & O'Neill, dated February 2008;
- Phase I - Initial Site Investigation Report Former Nu-Style Property, RTN 2-16694, prepared by Fuss & O'Neill, dated May 2008;
- Limited Site Assessment Report Former Nu-Style Property, RTN-2-16694; prepared by Fuss & O'Neill, dated July 2009;
- Analysis of Brownfields Cleanup Alternatives, Former Nu-Style Property, Lot 27, RTN 2-16694, prepared by Fuss & O'Neill dated May 18, 2011;
- Release Abatement Measure Plan, Former Nu-Style Facility, RTN 2-16694, prepared by Fuss & O'Neill, dated May 2012;
- Release Abatement Measure Completion Report, Former Nu-Style Facility, RTN 2-16694, prepared by Fuss & O'Neill, dated April 2013; and
- Targeted Brownfields Assessment Nu Style, prepared by Nobis Engineering, Inc., dated September 2013.

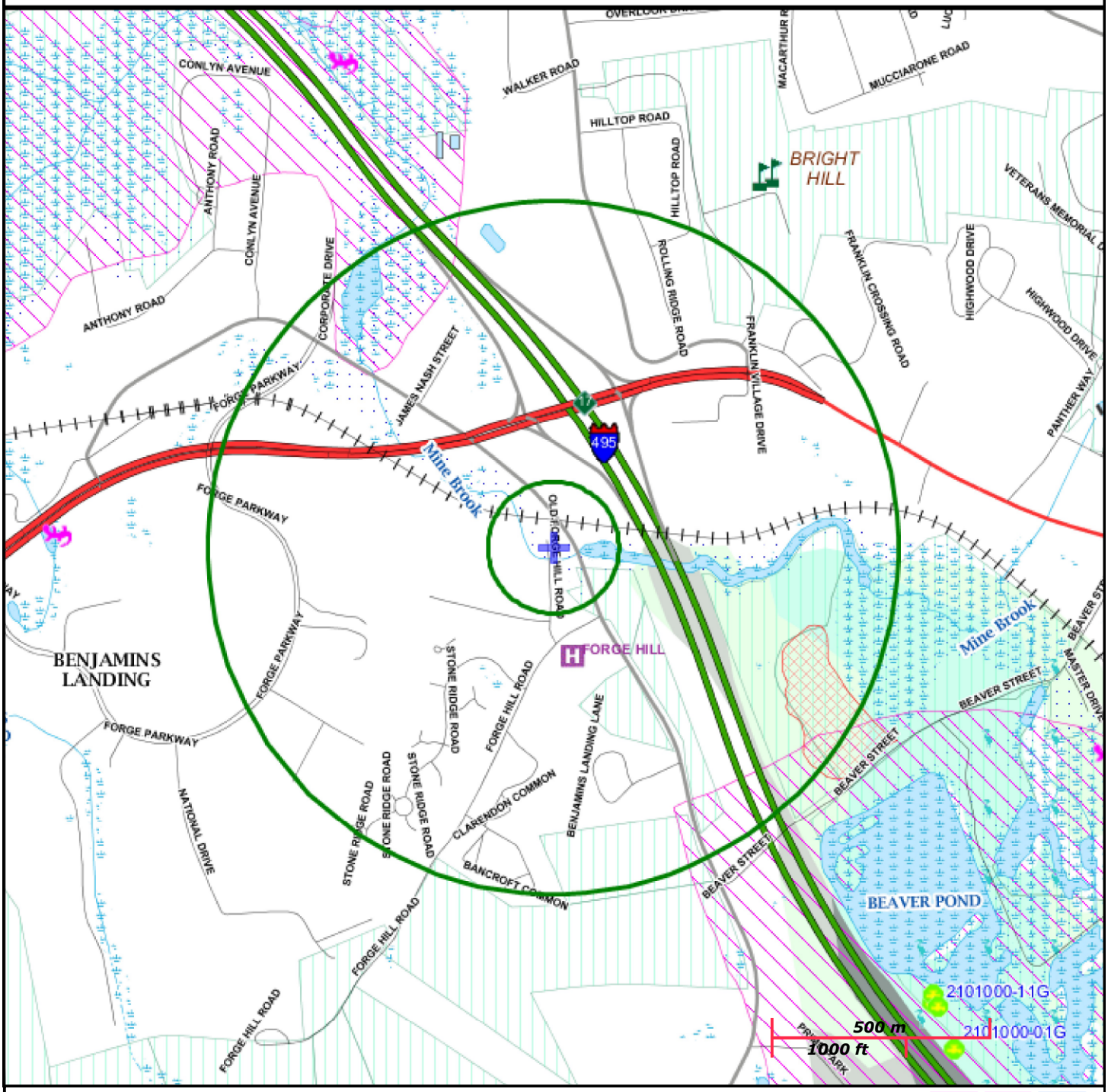
MassDEP - Bureau of Waste Site Cleanup

Phase 1 Site Assessment Map: 500 feet & 0.5 Mile Radii

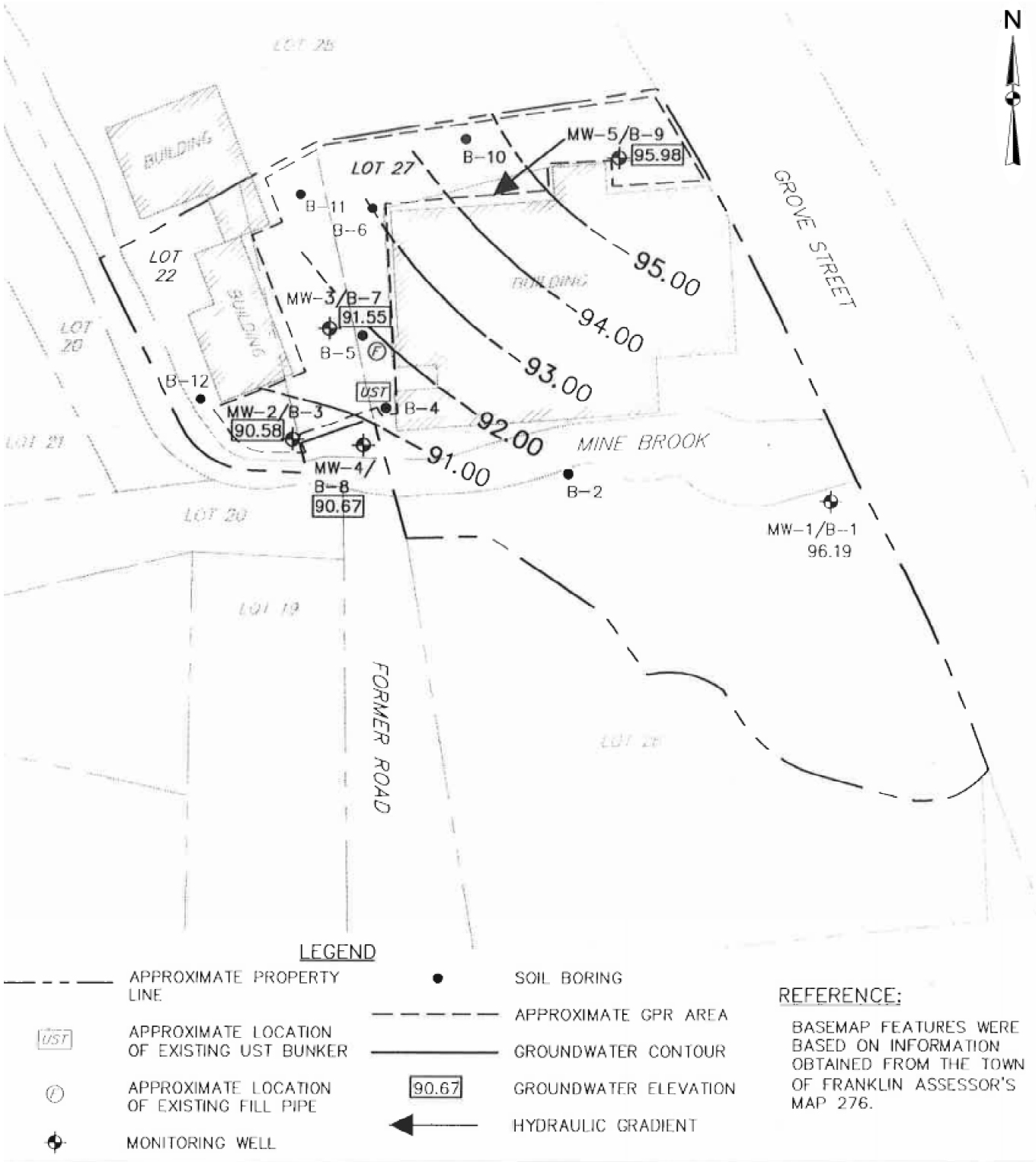
Site Information:
87 GROVE STREET FRANKLIN, MA
NAD83 UTM Meters:
5174041mN , -7951309mE (Zone: 18)
July 7, 2015

The information shown is the best available at the date of printing. However, it may be incomplete. The responsible party and LSP are ultimately responsible for ascertaining the true conditions surrounding the site. Metadata for data layers shown on this map can be found at: http://www.mass.gov/mgis/.

MassDEP
Commonwealth of Massachusetts
Department of Environmental Protection



Roads: Limited Access, Divided, Other Hwy, Major Road, Minor Road, Track, Trail
Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct
Basins: Major, PWS; Streams: Perennial, Intermittent, Man Made Shore, Dam
Aquifers: Medium Yield, High Yield, EPA Sole Source
Non Potential Drinking Water Source Area: Medium, High (Yield)
PWS Protection Areas: Zone II, IWPA, Zone A
Hydrography: Open Water, PWS Reservoir, Tidal Flat
Wetlands: Freshwater, Saltwater, Cranberry Bog
FEMA 100yr Floodplain; Protected Open Space; ACEC
Est. Rare Wetland Wildlife Hab; Vernal Pool: Cert., Potential
Solid Waste Landfill; PWS: Com.GW,SW, Emerg., Non-Com.



Map Reference: Groundwater Equipotential Contour Map, Figure 3 by Fuss & O'Neill dated January 2007.

TATA & HOWARD

Date: SEPTEMBER 2015

GROUNDWATER CONTOUR MAP

87 GROVE STREET
FRANKLIN, MASSACHUSETTS

Figure No.

4

T&H reviewed a *Phase I Environmental Site Assessment for the Former Nu-Style Company, Inc*. prepared by Fuss and O'Neill, dated February 2007. Fuss & O'Neill identified the follow Recognized Environmental Conditions (RECs) during the ASTM Practice E 1527-05 Phase I Site Assessment:

- Historical use of the Site for manufacturing including textiles and jewelry. Materials used and stored by the jewelry manufacturers included: cyanides; metals; chlorinated solvents; and petroleum products. Records indicate that numerous drums of hazardous waste and petroleum products were located outside of the buildings;
- One 5,000 gallon UST for heating oil was located in a bunker on the western side of the building on Lot 27;
- Records indicate that a tunnel ran from Mine Brook, beneath the buildings and may have been used by the textile mill;
- A release of chlorinated solvents was identified on Lot 26, which abuts the Site to the south;
- The southern portion of the Site contained a pond that was filled circa 1960. The fill is of an unknown origin.

T&H reviewed a *Phase II Environmental Site Assessment Report Former Nu-Style Company, Inc.* prepared by Fuss & O'Neill, dated September 2007. Fuss & O'Neill summarized portions of a Chapter 21E Site Evaluation for 87 Grove Street (Lots 22, 27, and 26) prepared by IES in January 1990. IES collected soil and groundwater samples for laboratory analyses from the UST area, the north side of the Lot 27 building, and from a "barrel area" north of the Lot 22 garage. IES concluded that no releases of hazardous material or petroleum products had occurred at the Site. In July 1991, IES installed four additional borings that were completed as groundwater monitoring wells. IES identified releases of chlorinated solvents in soil and groundwater located downgradient of the UST area and north of Mine Brook. According to Fuss & O'Neill, a figure was not provided.

As part of the Phase II activities, Fuss & O'Neill performed a ground penetrating radar (GPR) survey to evaluate the potential presence of suspected USTs. The GPR survey identified three areas of anomalies that were later evaluated by advancing soil borings in each area. On November 30 and December 1, 2006, Fuss & O'Neill observed twelve soil borings (B-1 through B-12) being drilled to a depth of 12 feet below grade. Two soil samples were collected from B-1 through B-11 from zero to two feet below grade and from directly above the water table. One sample was collected from B-12 from zero to two feet below grade. Soil samples were submitted to Premier Laboratory LLC (Premier), in Dayville, Connecticut for analyses for VOCs by EPA Method 8260B, priority 13 pollutant (PP-13) metals plus barium by EPA Methods 6010B and 7471, cyanide by EPA Method 9012, polychlorinated biphenyls (PCBs) by EPA Method 8082, and petroleum hydrocarbons by MassDEP Methods for extractable petroleum hydrocarbons (EPHs) and volatile petroleum hydrocarbons (VPHs).

Fuss & O'Neill completed five of the soil borings as groundwater monitoring wells (MW-1 through MW-5). Groundwater samples were collected using low flow sampling techniques. The following groundwater parameters were measured in the field: pH;

temperature; and specific conductivity were recorded during sampling. Groundwater samples were submitted for analyses for PP-13 metals plus barium, VOCs, EPHs, and VPHs.

Fuss & O'Neill collected four surface water samples (SW-1 through SW-4) and four sediment samples (SD-1 through SD-4) from various locations along Mine Brook. Surface water samples were submitted to Premier for analyses for PP-13 metals plus barium, VOCs, EPHs and VPHs. Sediment samples were submitted for the same analyses with the addition of PCBs and cyanide. In addition, Fuss & O'Neill observed the removal of a 5,000 gallon UST for heating oil. Six confirmation soil samples were collected from the limits of the excavation and submitted to Premier for analyses for PP-13, VOCs, EPHs and VPHs. The soil boring, monitoring well, surface water, sediment, and UST confirmation sample locations are shown on the site plans included in Appendix B.

Laboratory results indicate that tetrachloroethylene (a.k.a. perchloroethylene or PCE) and trichloroethylene (TCE) were detected in soil from B-4 at concentrations above the applicable RCS-1 Reportable Concentrations. PCE and TCE were also detected in soil from B-16 and B-10, albeit below the RCS-1 Reportable Concentrations. In addition, polycyclic aromatic hydrocarbons (PAHs) were detected in soil from B-3 and B-10 at concentrations above the RCS-1 Reportable Concentrations. Beryllium, lead, or nickel was also detected at concentrations above the RCS-1 Reportable Concentrations in soil from B-4, MW-5, and B-10.

Laboratory results of groundwater collected from the Site indicate that the concentrations of lead in groundwater from MW-1, MW-3, and MW-5 and PCE and TCE in groundwater from MW-3 and MW-4 are above the RCGW-2 Reportable Concentrations.

Laboratory results indicate that PAHs were detected in sediment above the threshold effects concentrations (TECs). However, these compounds were not detected in surface water at concentrations above the TECs. A copy of the Fuss & O'Neill Phase II is included in Appendix C.

In July 2007, MassDEP received a Release Notification Form (RNF) for release conditions at the Site and assigned RTN 2-16694. The concentrations exceeding the Reportable Concentrations in effect at the time are shown in the following tables:

Groundwater

Oil and Hazardous Material (OHM) Released	Measured Concentration (µg/L)	RCGW-2 Reportable Concentrations (µg/L)
Lead	1,900	10
PCE	240	50
TCE	150	3

Soil

OHM Released	Measured Concentration (mg/kg)	RCS-1 Reportable Concentrations (mg/kg)
Benzo(a)pyrene	3.9	2
Beryllium	0.91	0.7
Fluorene	630	400
Lead	780	300
Nickel	130	20
PCE	34	1

T&H reviewed a *Phase I - Initial Site Investigation Report for the Former Nu-Style Property* prepared by Fuss & O'Neill dated May 2008. Fuss & O'Neill conducted an elevation survey of overburden groundwater at the Site and estimates that groundwater at the northern portion of Lot 27 flows to the southwest toward Mine Brook. In a report titled *Limited Site Assessment Report*, dated July 2009, Fuss & O'Neill estimates the bedrock groundwater gradient using four bedrock wells to be to the southeast.[1] Fuss & O'Neill delineated the disposal site with estimated boundaries in the northeast corner and near the southeast corner. A copy of the Fuss & O'Neill Phase I is available on the MassDEP's website.

In 2010, the Town was awarded a USEPA Brownfields Cleanup Grant for the Site. Based on an Analysis of Brownfields Cleanup Alternatives, the Town elected to demolish and dispose the building on Lot 27 and remove soil containing metals, PAHs, and VOCs.

During Release Abatement Measure (RAM) activities in 2012 and 2013, metals containing soil was excavated and disposed offsite. However, PAH containing soil in the areas of MW-2 and MW-3 was not addressed. A copy of the Fuss & O'Neill RAM Completion report is available on the MassDEP's website.

T&H reviewed a report titled *Targeted Brownfields Assessment, Nu Style, Franklin, Massachusetts*, prepared by Nobis Engineering, Inc. (Nobis), dated September 2013. Nobis installed six bedrock couplets labeled MW-101S/MW-101D through MW-106S/MW-106D, each consisting of a shallow bedrock well ranging from around 11 to 24 feet below grade and a deeper bedrock well ranging from around 20 to 34 feet below grade for a total 12 bedrock wells. All the wells installed by Nobis use a five foot well screen set in the first water bearing bedrock fractures observed during drilling. CVOCs were detected in groundwater from 10 of the 12 wells. In general, higher concentrations of PCE and TCE were detected in the groundwater samples collected from the deeper well of the couplet.

The highest concentrations of PCE were detected in MW-104D, located along the southern edge of the former building. The highest concentrations of TCE were detected in MW-101D, located on the southern side of Mine Brook and south of MW-104D. PCE is present at a concentration of 2.9 µg/L in groundwater from MW-106D. T&H is of the

[1] T&H notes that according to a subsequent report prepared by Nobis Engineering, Inc. in September 2013, groundwater flow in the shallow bedrock aquifer appears to be to the west-southwest.

opinion that these data support Nobis' findings that the fractured bedrock is interconnected and that groundwater in the shallow bedrock aquifer flows to the west-southwest. The locations of the Nobis wells are shown of Figure No. 5. Refer to Table No. 1 for a summary of historical soil results and Table No. 2 for a summary of historical groundwater results.

3.1 Definition of Disposal Site

The disposal site addressed by RTN 2-16694 is the area where VOCs, PAHs, and metals have come to be located in soil and groundwater from the former Nu-Style facility (Lot 22 and Lot 27). Laboratory analytical results of groundwater samples collected from the disposal site indicate that the release has affected groundwater to the south of Mine Brook. The approximate area of the disposal site is depicted on Figure No. 5. As can be seen on Figure No. 5, the Property is located south of Mine Brook and is where recent data indicate that the contaminants of concern are not present above background concentrations. This is the portion of the disposal site to which this PSC-P applies.

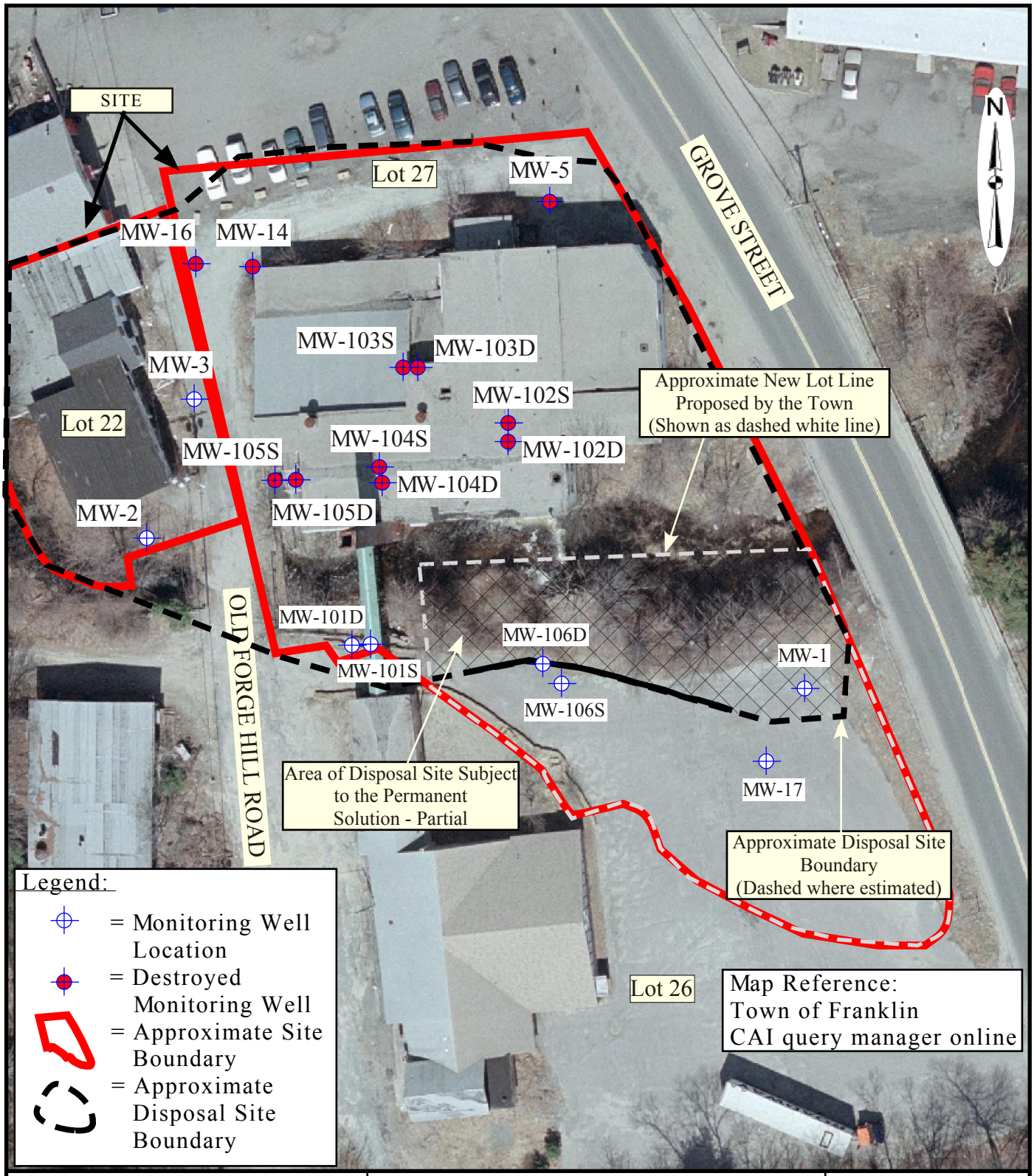
Analytical results indicate that VOCs, PAHs and metals were not detected in soil and groundwater above the laboratory's method reporting limits in soil and groundwater from MW-1, MW-17, and MW-106S. However, PCE was detected at a concentration of 2.9 µg/L in groundwater from MW-106D in May 2013. Subsequent analyses of samples from MW-106D indicate that PCE is not present above the laboratory's method reporting limit of 1.0 µg/L.

4.0 ADDITIONAL ASSESSMENT ACTIVITIES

4.1 Soil Vapor Intrusion Study - 25 Grove Street

T&H reviewed a report entitled *Soil Vapor Intrusion Study Report, Commercial Building, 25 Grove Street, Franklin, MA* prepared by USEPA New England Regional Laboratory. In December 2014, at the request of James Byrne, USEPA Project Manager, sub slab soil gas and indoor air samples were collected at the property that abuts the Site to the south, 25 Grove Street, to evaluate vapor intrusion pathways related to the subject release. This request was based on the detection of VOCs above the Method 1 GW-2 Standard in groundwater from MW-101S and MW-101D, which are located approximately 15 feet north of the building at 25 Grove Street.

On December 9, 2014, USEPA personnel installed six sub slab sample ports through the slab on grade foundation. On December 15, 2014, sub slab soil gas samples were collected from the ports using one hour regulators and five indoor air samples were collected using eight hour regulators. The soil gas samples and four of the indoor air samples were analyzed onsite using the USEPA Regional 1 Mobile Laboratory for VOCs by gas chromatography/mass spectrometry (GC/MS). Two indoor air samples were sent to USEPA Regional Laboratory for confirmation by GC/MS. Refer to Figure No. 6 for the locations of the samples.



TATA & HOWARD

Date: SEPTEMBER 2015

Scale 0 50

FEET (APPROXIMATE)

DISPOSAL SITE BOUNDARY

87 GROVE STREET
FRANKLIN, MASSACHUSETTS

Figure No.

5

Table 1
Summary of Soil Analytical Results - Portion of Site South of Mine Brook
87 Grove Street
Franklin, Massachusetts

Sample Location	MW-1/B-1		B-2		MW-17			MW-101D	MW-106D	Method 1	Method 1	Method 1
Sample Date	11/30/06	11/30/06	11/30/06	11/30/06	11/1/07	11/1/07	11/1/07	5/8/13	5/9/13	S-1	S-2	S-3
Sample Depth (feet)	0.5-2	3-5	0-2	5-7	0.3-2	6-8	6-8	6-8	4-6	GW-2/GW-3	GW-2/GW-3	GW-2/GW-3
PARAMETER - Method (units)							* duplicate			Standards	Standards	Standards
EPHs - MassDEP 04-1.1 (mg/kg)								NT	NT			
C_9-C_{18} Aliphatics	ND	ND	ND	ND	ND	ND	ND			1,000	3,000	5,000
C_{19}-C_{36} Aliphatics	40	14	<11	<11	18	<12	<12			3,000	5,000	5,000
C_{11}-C_{22} Aromatics	100	16	17	32	60	<12	<12			1,000	3,000	5,000
Target PAH Analytes												
Diesel Analytes (mg/kg)	Others ND	Others ND	Others ND	Others ND	Others ND	Others ND	Others ND					
Acenaphthene	<0.1	<0.1	0.74	<0.11	0.15	<0.12	<0.12			3,000	5,000	5,000
Naphthalene	<0.0053	<0.0053	NT	NT	0.14	<0.0047	<0.0047			20/500	20/1,000	20/3,000
Phenanthrene	0.99	<0.1	0.35		2.8	0.29	<0.12			500	1,000	3,000
Other PAH Analytes (mg/kg)												
Acenaphthylene	0.27	<0.1	0.24		0.26	<0.12	<0.12			600/10	600/10	600/10
Anthracene	<0.1	<0.1	<0.11		0.64	<0.12	<0.12			1,000	3,000	5,000
Benzo(a)Anthracene	1.2	<0.1	<0.11		1.8	<0.12	<0.12			7	40	300
Benzo(a)Pyrene	1.1	<0.1	<0.11		1.6	<0.12	<0.12			2	4	30
Benzo(b)Fluoranthene	1.7	<0.1	<0.11		1.8	<0.12	<0.12			7	40	300
Benzo(k)Fluoranthene	0.6	<0.1	<0.11		1.3	<0.12	<0.12			70	400	3,000
Chrysene	1.6	<0.1	0.49		1.7	<0.12	<0.12			70	400	3,000
Fluoranthene	2.2	<0.1	<0.11		3.9	0.18	<0.12			1,000	3,000	5,000
Fluorene	<0.1	<0.1	<0.11		0.28	<0.12	<0.12			1,000	3,000	5,000
Indeno(1,2,3-cd)Pyrene	<0.1	<0.1	<0.11		1.2	<0.12	<0.12			7	40	300
Pyrene	2.2	<0.1			3.6	0.18	<0.12			1,000	3,000	5,000
VPHs - MassDEP 04-1.1 (mg/kg)	All ND	All ND	All ND	All ND	All ND	All ND	All ND	NT	NT			
Target VOC Analytes (mg/kg)	All ND	All ND	All ND	All ND	All ND	All ND	All ND					
Total Metals - EPA 6010C/7471B (mg/kg)												
Antimony	<0.56	<0.56	<0.56	<0.59	1	<0.18	<0.18	NT	NT			
Arsenic	<0.50	<0.50	1.2	<0.59	3	1.3	0.84	5.2	<2.8	20	20	20
Barium	16	24	36	20	26	15	15	60	23	1,000	3,000	5,000
Berllyium	0.19	0.57	0.21	0.19	0.35	0.24	0.21	NT	NT			
Cadmium	<0.10	<0.10	0.17	0.14	0.6	0.37	0.17	0.53	<0.28	2	30	30
Chromium	3.2	5.3	7.1	6	24	15	3.8	27	5.3	30	200	200
Copper	4	12	91	43	110	11	3.1	57	3.5	NS	NS	NS
Lead	4	8.1	40	18	68	7.1	2.5	20	5.1	300	300	300
Mercury	<0.021	<0.022	0.029	<0.024	0.12	0.028	<0.024	<0.027	<0.027	20	30	30
Nickel	2.6	3.3	4	3.6	4.3	4.7	2.2	7.5	2.7	600	1,000	1,000
Thallium	<0.26	<0.28	NT	NT	NT	NT	NT	NT	NT	8	60	80
Zinc	10	13	85	63	73	28	11	52	22	1,000	3,000	5,000
Cyanide	<0.55	<0.56	NT	NT	NT	NT	NT	NT	NT	30	100	500
VOCs - EPA Method 8260 (mg/kg)	All ND	All ND	Others ND	Others ND	Others ND	Others ND	Others ND	Others ND	All ND			
Acetone			<0.02	<0.023	0.011	0.028	0.035			50/400	50/400	50/400
m&p Xylenes			0.007	<0.0058								
Methyl ethyl Ketone			<0.01	<0.012	<0.0064	0.0066	0.0074			50/400	50/400	50/400
Naphthalene			<0.0051	0.01								
Tetrachloroethylene			<0.0051	<0.0058	<0.0064	<0.0047	<0.0052	<0.002		10/30	10/200	10/1,000
Toluene			0.017	<0.0058								
Trichloroethylene			<0.0051	<0.0058	<0.0064	<0.0047	<0.0052	0.013		0.3/30	0.3/60	0.3/60

Notes:
1. mg/kg = Milligrams per kilogram.
2. ND = Not detected above method reporting limit; NT = Not tested; NS = Not specified; NA = Not applicable.
3. EPHs = Extractable petroleum hydrocarbons; PAH = Polycyclic aromatic hydrocarbon; VPHs = Volatile petroleum hydrocarbons; VOC = Volatile organic compound; and PCBs = Polychlorinated biphenyls.
4. Values preceded by "<" indicate that the result is non detect and the method reporting limit is shown.

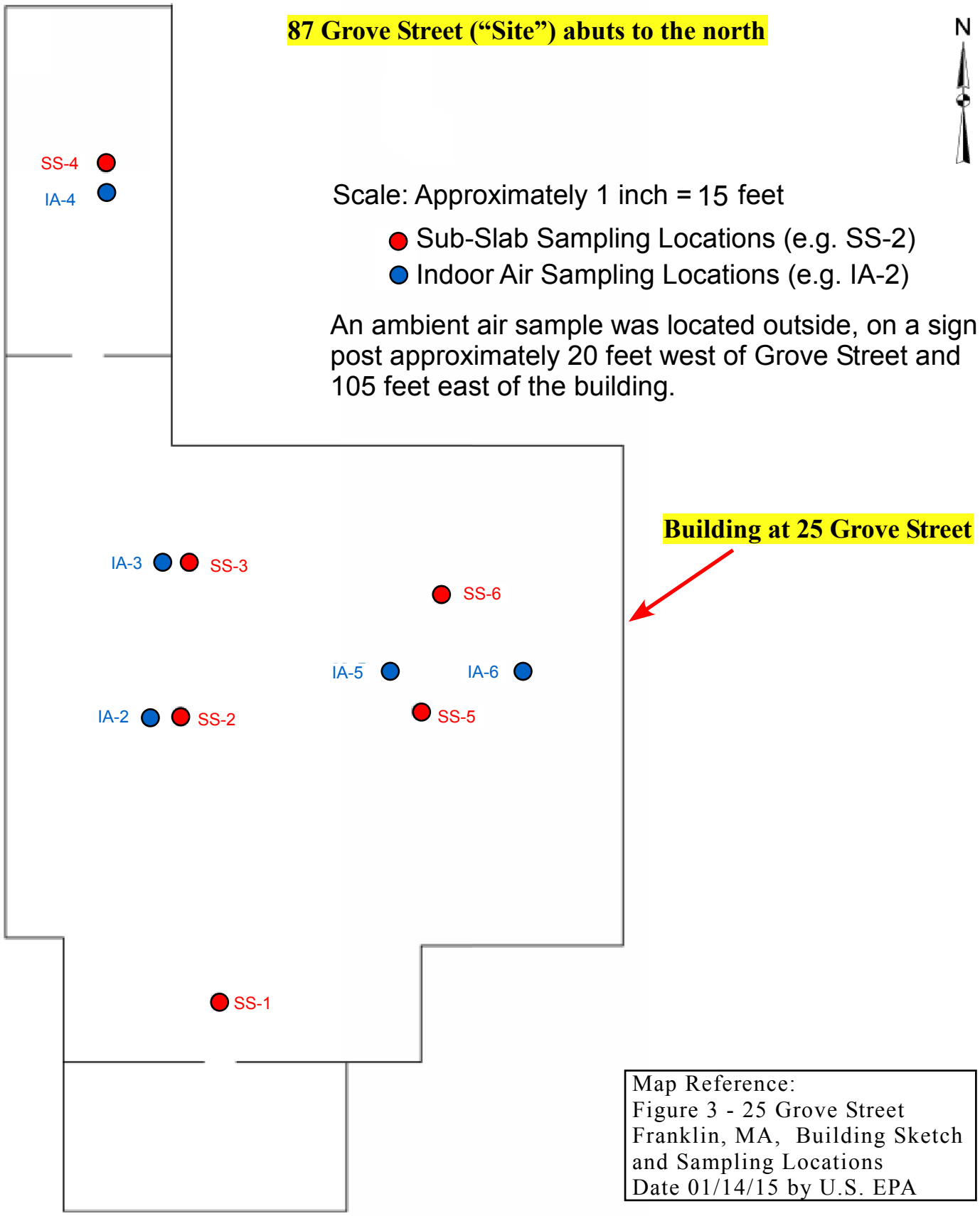
TATA & HOWARD

Table 2
Summary of Groundwater Analytical Results - Portion of Site South of Mine Brook
87 Grove Street
Franklin, Massachusetts

Sample Location	MW-1						MW-17					MW-101S				MW-101D					MW-106S			MW-106D			Method 1	Method 1
Sample Date	12/8/06	12/8/06	11/6/07	6/4/09	8/21/13	5/4/15	11/6/07	11/6/07	6/4/09	8/21/13	5/4/15	5/15/13	8/21/13	5/5/15	6/2/15	5/15/13	8/21/13	8/21/13	5/5/15	6/2/15	5/15/13	8/21/13	5/5/15	5/15/13	8/21/13	5/4/15	GW-2	GW-3
Depth to Water (feet)	4.16		4.60	4.60	4.73	4.20	4.61		4.24	4.53	3.96	6.41	6.53	6.20	5.78	6.50	6.04		5.66	5.80	5.17	5.27	4.95	5.78	5.87	5.40	Standards	Standards
Screen Interval (feet)	2-12						4-14					13-18				30-35					11-16			27-32				
PARAMETER - Method (units)		* duplicate				T&H		*duplicate			T&H			T&H				* duplicate	T&H				T&H			T&H		
VOCs - EPA 8260C (µg/L)					All ND	Others ND				All ND	Others ND			Others ND	Others ND				Others ND	Others ND			Others ND			Others ND		
Acetone	<10	<10	<10	<10	<10	NT	<10	<10	<10		NT	<10	<10	NT	NT	<10	<10	<100	NT	NT	23	<10	NT	<10	<10	NT	50,000	50,000
sec-Butylbenzene	NT	NT			<1.0	NT					NT	<1.0	<1.0	NT	NT	<1.0	<1.0	<10	NT	NT	<1.0	<1.0	NT	<1.0	<1.0	NT	NS	NS
1,1-Dichloroethane	NT	NT			<1.0	<1.0					<1.0	20	6.6	130	<25	19	64	50	13	<20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2,000	20,000
1,1-Dichloroethylene	NT	NT			<1.0	<1.0					<1.0	6.9	3.8	<100	<25	7.5	26	19	<10	<20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	80	30,000
cis-1,2-Dichloroethylene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	3.5	4.1	<100	<25	6.3	**20**	16	<10	<20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	20	50,000
Methyl tert-butyl Ether	<1.0	<1.0			<1.0	NT					NT	<1.0	<1.0	NT	NT	1.1	<1.0	<10	NT	NT	<1.0	<1.0	NT	<1.0	<1.0	NT	50,000	50,000
Tetrachloroethylene	<1.0	<1.0			<1.0	<1.0					<1.0	45	44	**120**	**58**	**1,600**	**1,400**	**1,100**	**170**	**210**	<1.0	<1.0	<1.0	2.9	<1.0	<1.0	50	30,000
1,1,1-Trichloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	17	22	540	110	57	410	340	27	34	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4,000	20,000
1,1,2-Trichloroethane	NT	NT			<1.0	<1.0					<1.0	<1.0	<1.0	<100	<25	<1.0	1.3	<10	<10	<20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	900	50,000
Trichloroethylene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	**390**	**260**	**8,600**	**2,500**	**1,600**	**4,600**	**4,600**	**600**	**830**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5	5,000
Vinyl Chloride	NT	NT			<2.0	<2.0					<2.0	<2.0	<2.0	<200	<50	<2.0	<2.0	<20	<20	<40	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2	50,000
Total Metals - EPA 6010C/7471B(µg/L)			Others NT	NT	NT	NT	Others NT	Others NT	NT	NT	NT		NT		NT		NT	NT	NT	NT		NT	NT		NT	NT		
Antimony	NT	NT										<1.0				<1.0					<1.0			<1.0			NA	8,000
Arsenic	NT	NT										<0.4				0.42					1.8			17			NA	900
Barium	42	38	31				60	61				170				200					72			46			NA	50,000
Beryllium	<1.0	<1.0										<0.4				2					<0.4			<0.4			NA	200
Cadmium	<2.0	<2.0	<2.0				<2.0	<2.0				1.1				<0.5					<0.5			<0.5			NA	4
Chromium	<10	<10										<1.0				<1.0					<1.0			<1.0			NA	300
Copper	<10	<10										20				27					<5.0			7			NA	NS
Lead	14	12	6.6				<2.0	<2.0				NT				NT					NT			NT			NA	10
Nickel	<10	<10										8.9				10					<5.0			<5.0			NA	200
Thallium	NT	NT										<0.2				<0.2					<0.2			<0.2			NA	3,000
Zinc	23	15										200				270					<10			<10			NA	900
Parameters					NT					NT		NT	NT			NT	NT	NT			NT	NT		NT	NT			
pH	5.97	5.97	6.35	6.02		6.48	6.36	6.36	6.32		6.27			5.6	5.89					6.49			6.28			6.48		
Specific Conductance (µmhos/cm)	464	464	470	689		432	494	494	748		489			1,222	749					1,779			486			681		
Temperature (degrees C)	13.1	13.1	17	13		11.03	17.9	17.9	14.5		13.15			11.2	11.92					11.27			11.49			14.51		
Turbidity (NTU)	36	36	20.5	17		4.97	4.4	4.4	32		5.88			5.6	4.87					4.85			4.6			5.01		
Dissolved Oxygen (mg/L)	0.4	0.4	0.1	0.3		0.21	0.1	0.1	2.6		0.41			3.63	4.47					2.94			8.26			4.55		
Oxidation Reduction Potential (mv)	-35	-35				-78.3					-65.6			132.6	202					233.9			92.7			110.9		

Notes:
1. µg/L = Micrograms per liter; mg/L = Milligrams per liter.
2. NT = Not tested; NS = Not specified.
3. VOCs = Volatile organic compounds.
4. Results in bold indicate that the Method 1 Standards are exceeded.
5. Values preceded by "<" indicate that the result is non detect and the method reporting limit is shown.
6. Data from 2006 was collected by Fuss & O'Neill. Data from 2013 was collected by Nobis Engineering.

TATA & HOWARD



Map Reference:
Figure 3 - 25 Grove Street
Franklin, MA, Building Sketch
and Sampling Locations
Date 01/14/15 by U.S. EPA

TATA & HOWARD

Date: SEPTEMBER 2015
Not to Scale

SOIL VAPOR INTRUSION STUDY PLAN

87 GROVE STREET
FRANKLIN, MASSACHUSETTS

Figure No.

6

According to USEPA's report, TCE was detected in all five of the indoor air samples at concentrations ranging from 0.52 micrograms per cubic meter (µg/m^3) to 2.7 µg/m^3. Although these concentrations are below the USEPA's Commercial Air Vapor Intrusion Screening Level (VISL) of 3.0 µg/m^3, the result for the "Indoor Air 4" sample (2.7 µg/m^3) exceeds MassDEP's Commercial/Industrial Threshold Value ($TV_{c/i}$) of 1.8 µg/m^3.

TCE was also detected in all six sub slab soil gas samples. The concentrations of TCE in samples SS-1, SS-2, SS-4, and SS-5 are above the Commercial Soil Gas VISL of 30 µg/m^3. In addition, the concentrations of TCE in samples SS-1, SS-2, and SS-4 are above MassDEP's Commercial/Industrial Sub-Slab Soil Gas Screening Value ($SGSV_{c/i}$) of 130 µg/m^3.

PCE was not detected in any of the five indoor air samples above the laboratory's method reporting limit. However, PCE was detected in six sub slab soil gas samples albeit below the Commercial Soil Gas VISL of 470 µg/m^3 and the $SGSV_{c/i}$ of 290 µg/m^3. Refer to Table No. 3 for a summary of indoor air and Table No. 4 for a summary of sub slab soil gas results.

The USEPA concludes that the highest concentrations of TCE and PCE in indoor air and sub slab soil gas were detected at the locations nearest to Wells MW-101S and MW-101D. The soil gas and indoor air data appear to indicate that vapor intrusion associated with the presence of TCE in groundwater from the Site is occurring. This condition will need to be further evaluated as part of the additional response actions associated with RTN 2-16694.

4.2 Groundwater Sampling - T&H 2015

On May 4 and 5, 2015, T&H collected groundwater samples from MW-1, MW-17, MW-101S, MW-101D, MW-106S, and MW-106D to obtain new groundwater data from the southern side of Mine Brook. Prior to sampling, the monitoring wells were gauged for the depth to water using an electronic oil/water interface probe. The depth to water on this date ranged from 4.20 to 5.80 feet below the tops of the well casings.

Groundwater samples were collected using low flow techniques. The intake portion of the pump tube was located at the approximate midpoint of the water column within the screened interval. Prior to sampling, T&H utilized a YSI water quality meter equipped with a flow through cell to monitor the following field parameters: pH; temperature; turbidity; specific conductivity; oxidation reduction potential; and dissolved oxygen. T&H monitored the readings until these parameters stabilized and the turbidity was less than five nephelometric turbidity units (NTUs). The samples for laboratory analyses were then collected before the groundwater passed through the cell. During the pumping, the drawdown was not significant; the variation in water level was equal to or less than one foot from the original static level recorded before the pump started, with the exception of MW-101S. The drawdown in MW-101S continued during the pumping

TABLE 3
INDOOR AIR, AMBIENT AIR AND SOIL GAS CANISTER SAMPLING RESULTS SUMMARY
25 GROVE STREET
NU-STYLE SITE
FRANKLIN, MA

COMPOUND	INDOOR AIR LOCATION 2 CANISTER #6579 15-Dec-14 8-HOUR AVG. (µg/m³)	INDOOR AIR LOCATION 2 DUPLICATE CANISTER #6582 15-Dec-14 8-HOUR AVG. (µg/m³)	INDOOR AIR LOCATION 3 CANISTER #22684 15-Dec-14 8-HOUR AVG. (µg/m³)	INDOOR AIR LOCATION 4 CANISTER #22683 15-Dec-14 8-HOUR AVG. (µg/m³)	INDOOR AIR LOCATION 5 CANISTER #6581 15-Dec-14 8-HOUR AVG. (µg/m³)	INDOOR AIR LOCATION 6 CANISTER #4742 15-Dec-14 8-HOUR AVG. (µg/m³)	SUB-SLAB SOIL GAS SS-1 CANISTER #22688 15-Dec-14 GRAB SAMPLE (µg/m³)	SUB-SLAB SOIL GAS SS-3 CANISTER #12570 15-Dec-14 GRAB SAMPLE (µg/m³)	SUB-SLAB SOIL GAS SS-4 CANISTER #22694 15-Dec-14 GRAB SAMPLE (µg/m³)	SUB-SLAB SOIL GAS SS-5 CANISTER #14897 15-Dec-14 GRAB SAMPLE (µg/m³)	AMBIENT AIR OUTSIDE CANISTER #12562 15-Dec-14 8-HOUR AVG. (µg/m³)
Trichloroethene	**1.0**	**1.2**	**1.2**	**2.7**	**0.96**	**0.52**	**85**	**1.2**	**170**	**24**	**ND (0.49)**
Tetrachloroethene	**ND (0.75)**	**ND (0.65)**	**ND (0.68)**	**ND (0.64)**	**ND (0.68)**	**ND (0.64)**	**ND (1.1)**	**1.8**	**48**	**1.7**	**ND (0.62)**
1,1,1-Trichloroethane	ND (0.60)	ND (0.52)	ND (0.55)	ND (0.51)	ND (0.55)	ND (0.52)	ND (0.87)	3.4	ND (0.49)	ND (0.87)	ND (0.50)
1,1-Dichloroethene	ND (0.44)	ND (0.38)	ND (0.40)	ND (0.37)	ND (0.40)	ND (0.38)	ND (0.63)	0.58	ND (3.6)	ND (0.63)	ND (0.36)
1,2,4-Trimethylbenzene	1.0	0.75	1.2	2.3	0.99	0.74	ND (0.79)	0.92	ND (4.4)	ND (0.79)	ND (0.45)
1,3,5-Trimethylbenzene	ND (0.54)	ND (0.47)	ND (0.49)	0.74	ND (0.49)	ND (0.47)	ND (0.79)	ND (0.37)	ND (4.4)	ND (0.79)	ND (0.45)
4-Ethyltoluene	0.98	0.83	1.2	2.2	0.96	0.81	ND (0.79)	0.62	ND (4.4)	ND (0.79)	ND (0.45)
Benzene	1.2	1.4	1.4	1.7	1.3	1.5	0.61	0.79	ND (2.9)	0.56	0.91
Cyclohexane	0.90	1.0	1.2	2.4	1.0	1.3	ND (0.55)	0.52	ND (3.1)	ND (0.55)	0.34
Dichlorodifluoromethane	2.6	2.8	2.7	2.7	2.7	2.8	2.4	2.6	ND (4.4)	1.6	2.4
Ethylbenzene	0.70	0.78	0.94	1.5	0.81	0.95	ND (0.69)	0.39	ND (3.9)	ND (0.69)	ND (0.40)
Hexane	39	27	26	39	39	39	0.95	2.2	ND (3.2)	0.95	25
Methyl Ethyl Ketone	0.51	0.40	0.64	0.65	0.52	0.50	ND (0.47)	0.73	ND (2.6)	0.51	0.47
Methyl Isobutyl Ketone	ND (0.45)	0.42	ND (0.41)	ND (0.38)	ND (0.41)	ND (0.39)	ND (0.66)	ND (0.31)	ND (3.7)	ND (0.66)	ND (0.38)
Methylchloride	0.90	0.95	0.95	0.93	0.95	0.95	0.68	0.68	ND (1.9)	0.62	0.95
Methylene Chloride	0.46	0.47	0.49	0.51	0.49	0.46	ND (0.56)	0.32	ND (3.1)	ND (0.56)	ND (0.32)
Toluene	4.3	5.3	5.7	8.1	4.9	5.5	1.3	4.0	ND (3.4)	1.8	2.6
Trichlorofluoromethane	1.4	1.5	1.5	1.7	1.5	1.4	1.1	1.5	ND (5.1)	1.3	1.3
m/p-Xylenes	2.2	2.5	3.0	4.6	2.6	3.1	ND (1.4)	1.2	ND (7.8)	ND (1.4)	1.1
o-Xylene	0.82	0.89	1.1	1.7	0.92	1.1	ND (0.69)	0.58	ND (3.9)	ND (0.69)	ND (0.40)

NOTES: ND = Not detected above reporting limits; reporting limit in parentheses
Compounds in bold type are target compounds for project.

Table 4
December 15, 2014
25 Grove Street
Nu-Style Site
Franklin, MA
Soil Gas Grab, Indoor Air Grab and Indoor Air 8-Hour Sampling Data

Sample Location	TCE ($\mu g/m^3$)	PCE ($\mu g/m^3$)
Location 1		
SS-1: Sub-slab soil gas syringe grab sample	183	ND (3.4)
SS-1: Sub-slab soil gas syringe grab sample, duplicate	177	4.7
SS-1: canister sub-slab grab sample (canister #22688)	85	ND (1.1)
Location 2		
Indoor air 8-hour canister sample (canister #6579)	1.0	ND (0.75)
Indoor air 8-hour canister sample,duplicate (canister #6582)	1.2	ND (0.65)
SS-2: Sub-slab soil gas syringe grab sample	161	ND (3.4)
SS-2: Sub-slab soil gas syringe grab sample, duplicate	183	ND (3.4)
Location 3		
Grab-1: indoor air syringe grab sample at canister sample	ND (3.8)	ND (3.4)
Indoor air 8-hour canister sample (canister #22684)	1.2	ND (0.68)
SS-3: Sub-slab soil gas syringe grab sample	3.8	5.4
SS-3: Sub-slab soil gas syringe grab sample, duplicate	ND (3.8)	5.4
SS-3: canister sub-slab grab sample (canister #12570)	1.2	1.8
Location 4		
Grab-2: indoor air syringe grab sample at canister sample	ND (3.8)	ND (3.4)
Grab-2: indoor air syringe grab sample at canister sample, duplicate	ND (3.8)	ND (3.4)
Indoor air 8-hour canister sample (canister #22683)	2.7	ND (0.64)
SS-4: Sub-slab soil gas syringe grab sample	360	122
SS-4: canister sub-slab grab sample (canister #22694)	170	48
Location 5		
Indoor air 8-hour canister sample (canister #6581)	0.96	ND (0.68)
SS-5: Sub-slab soil gas syringe grab sample	51	ND (3.4)
SS-5: canister sub-slab grab sample (canister #14897)	24	1.7
Location 6		
Grab-3: indoor air syringe grab sample at canister sample	ND (3.8)	ND (3.4)
Indoor air 8-hour canister sample (canister #4742)	0.52	ND (0.64)
SS-6: Sub-slab soil gas syringe grab sample	ND (3.8)	ND (3.4)
SS-6: Sub-slab soil gas syringe grab sample, duplicate	4.3	ND (3.4)
Outside/Ambient Air		
Ambient air 8-hour canister sample (canister #12562)	ND (0.49)	ND (0.62)

NOTES:
ND = Not detected above reporting limits; reporting limit in parentheses
TCE = Trichloroethene, PCE = Tetrachloroethene

operation and occasionally required temporarily stopping the pump to allow the well to recover. The samples were kept chilled and submitted under chain of custody to Con-Test Analytical Laboratory of East Longmeadow, Massachusetts (Con-Test) for analyses for volatile halocarbons by EPA Method 8260C.

Laboratory analytical results indicate that CVOCs were not detected above method reporting limits in groundwater from MW-1, MW-17, MW-106S, and MW-106D. However, PCE and TCE were detected in groundwater from MW-101S and MW-101D at concentrations above the Method 1 GW-2 and GW-3 Standards. In addition, 1,1,1-trichloroethane is present in groundwater from MW-101S and MW-101D, albeit below the Method 1 GW-2 and GW-3 Standards. T&H notes that the concentrations of PCE and TCE in groundwater from MW-101S and MW-101D are significantly different from previous results obtained by Nobis.[2] Therefore, T&H resampled the two wells on June 2, 2015 to further evaluate this discrepancy. The samples were collected as previously described and submitted to Con-Test for analyses for volatile halocarbons by EPA Method 8260C. The results of the groundwater samples obtained by T&H in June are similar to the results that T&H obtained in May. Therefore, T&H is of the opinion that either Nobis mislabeled the samples or the laboratory used by Nobis reversed the samples. However, based on the close correlation in the data from May and June 2015, T&H is confident that these samples were taken from the correct wells. A copy of the laboratory analytical reports are included as Appendix D.

5.0 PERMANENT SOLUTION WITH CONDITIONS - PARTIAL STATEMENT

Based on the assessment documented herein, T&H is of the opinion that CVOCs are below background at the Property as defined in section 40.0006 of the MCP. In accordance with section 40.1020(2) of the MCP, no further response actions are required at any disposal site where the concentrations of OHM in the environment have been reduced to background levels. In addition, section 40.0901(3) of the MCP indicates that a Risk Characterization is not required for this disposal site. Therefore, T&H is of the opinion that these findings and the additional information presented herein support the applicability of a PSC-P to the Property. As previously stated, the Condition associated with this PSC-P is that if a building is constructed at the Property a vapor barrier and active sub slab depressurization system may be necessary.

5.1 Demonstration that All Uncontrolled Sources have been Eliminated or Controlled

The sources of the release appear to be the historical presence of USTs and operations at 87 Grove Street. These operations have ceased, the USTs have been removed, and the main building has been razed. In addition, Fuss & O'Neill excavated CVOC contaminated soil from Lot 27. Areas of contaminated soil may remain at Lot 27 but the sources appear to be controlled. In addition, T&H is of the opinion that there have not been uncontrolled sources of CVOCs at the Property.

[2] Based on T&H's review of the data, the results seem to be the reverse of what were obtained by Nobis. T&H's data from MW-101S appeared to correlate with Nobis' data from MW-101D and vice versa.

5.2 Remediation Waste Management

Remediation waste has not been generated as part of the response actions for RTN 2-16694 at the Property. However, as previously indicated, contaminated soil was removed from the northern portion of the disposal site near the manufacturing building as part of Fuss & O'Neill's work.

5.3 Licensed Site Professional Opinion

T&H is of the opinion that the Property has not been significantly affected by the release at 87 Grove Street and the concentrations of COCs are at or below background. Therefore, the requirements for a PSC-P have been met in accordance with 310 CMR 40.1000, and additional response actions are not necessary at this portion of the disposal site. T&H is also of the opinion that potential Imminent Hazards, Substantial Release Migration, and Critical Exposure Pathways are not present within the portion of the disposal site addressed by this PSC-P. A PSC Form (BWSC-104) is included as Appendix A in the client's copy of this report. A copy of the required public involvement notice is included as Appendix E.

5.4 Data Quality and Usability Evaluation

5.4.1 Conceptual Site Model (CSM)

Based on historical information and laboratory analytical results, the source of the CVOC release at the Site appears to be the result of previous manufacturing use and poor storage and handling of chlorinated solvents. The main building, which was used for manufacturing, was razed in 2012 and contaminated soil was excavated and disposed offsite. Therefore, the source of these compounds has been eliminated or controlled. T&H is of the opinion that the CVOCs appear to have migrated downward from the former manufacturing building area and along the bedrock surface in a southwesterly direction toward Mine Brook. The CVOC plume extends below Mine Brook as indicated by high concentrations of CVOCs in MW-101S, which is screened just above the bedrock surface.

Groundwater in the vicinity of the Site is not used for drinking water so the primary route of potential exposure is the vapor intrusion pathway. As previously indicated, the soil gas and indoor air data collected from 25 Grove Street indicate that a complete vapor intrusion pathway is present at this building. The concentrations of PCE and TCE detected in indoor air do not pose a risk to occupants of the building, but this condition warrants further assessment to monitor concentrations during different times of the year.

As previously indicated, the closest residential property is approximately 75 feet west of the onsite dilapidated building. The elevation at this residence is approximately 20 feet higher compared to the Site. Therefore, T&H is of the opinion that there is a low potential for vapor intrusion associated with this residence. In addition, the assessment activities being conducted as part of the Phase II - CSA will further evaluate this potential receptor.

5.4.2 Use of Field Screening Data

Fuss & O'Neil and Nobis used a photoionization detector (PID) equipped with a 10.6 eV lamp calibrated to read as benzene to screen soil samples for total organic vapors (TOVs) using standard jar-headspace methods. However, no field screening data were used to directly support this PSC-P.

5.4.3 Selection of Sampling Locations and Depths

The objectives of the assessment activities conducted to date were to evaluate the vertical and horizontal extents of the VOCs, metals, and PAHs in soil and to evaluate the extent that the groundwater is affected by the release. Sampling locations and depths were chosen in the field based on visual observations and laboratory results of previously collected soil and groundwater samples. T&H is of the opinion that the monitoring wells located at the Property are appropriate to evaluate whether a condition of No Significant Risk (NSR) exists at this portion of the Site.

5.4.4 Disposal Site Conditions Warranting Temporal Sampling

Selected monitoring wells have been gauged and sampled on three occasions since 2013. The gauging data do not indicate that there is a significant fluctuation in the water table that may warrant temporal sampling. In addition, based on the fact that the release appears to have occurred at least 20 years ago, groundwater conditions are not expected to worsen. T&H is of the opinion that the number of gauging and sampling events supports the PSC-P for the following:

- Delineation of the disposal site boundary within the Property;
- Characterization of risk at the Property;
- Elimination and control of the sources of OHM contamination at the Property; and
- Achievement of a condition of NSR at the Property.

However, the data indicate that a condition of NSR has not been achieved for the entire disposal site, including the southwestern portion Lot 27. Specifically, PCE and TCE are present in groundwater collected from Wells MW-101S and MW-101D at concentrations above the applicable Method 1 GW-2 and GW-3 Standards. Therefore, additional assessment will be conducted to further delineate the extent of the disposal site and evaluate risk.

5.4.5 Inconsistent/Uncertain Information

No inconsistent or uncertain information was identified or disregarded when rendering the PSC-P Opinion for this portion of the disposal site.

5.4.6 Sampling Methods and Quality Control

T&H utilized appropriate sampling and sample preservation methods and met applicable hold times to ensure the quality of the samples collected as part of this PSC-P. Based on the sample collection procedures and information documented in the laboratory analytical reports, T&H is of the opinion that the soil and groundwater data comply with MassDEP's Data Quality Enhancement program and Compendium of Analytical Methods (CAM) and qualify for Presumptive Certainty of data quality. Please refer to Table No. 5 for a summary of data qualifiers associated with the data used to support this PSC-P.

5.4.7 Data Quality Assessment Outcome

T&H is of the opinion that the data described in this document are representative of conditions at the Property and the portion of the disposal site discussed herein for RTN 2-16694. In addition, T&H is of the opinion that the data are of a sufficient level of precision, accuracy, and completeness to support the LSP Opinions presented herein.

Table 5
Data Usability Assessment - Summary of Data Qualifications
Data Used to Support Permanent Solution
87 Grove Street
Franklin, Massachusetts

DATA SET	CAM STATUS	PARAMETER	ISSUE	USE LIMITATION
May 2013 soil samples	CAM-compliant	Metals	Elevated reporting limit due to high concentration of an interfering analyte(s). Beryllium 13E0369-01[D05361], 13E0369-02[D05362]	The elevated reporting limit is within the S-1, S-2, and S-3/GW-2 and GW-3 standards that are applicable to the Site. Therefore, no use limitation is warranted.
			Result is serial dilution as per MA CAM/ CT RCP regulation. B072873-DUP2	The accuracy, precision, and sensitivity of the quality control is sufficient, no use limitation is warranted.
			The reporting limit verification for the AIHA lead program is outside of control limits for this element. Any reported result at or near the detection limit may be biased on the high side. Lead 13E0369-01[D05361], 13E0369-02[D05362], 13E0369-04[D05364], 13E0369-06[D05366], B072873-MRL1	The accuracy, precision, and sensitivity of the quality control is sufficient, no use limitation is warranted.
			Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated. Antimony 13E0369-05[D05365], B072873-MS1, B072873-MSD1	The discrepancy would bias the results low but the sample concentrations either were much less than or much greater than the applicable criteria. Therefore, no use limitation is warranted.
			Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria. Copper, Zinc B073089-MSD1, B072873-MS1	The accuracy, precision, and sensitivity of the quality control is sufficient, no use limitation is warranted.
		VOCs	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side. Acetone B072892-BS1, B072892-BSD1	Results were reported without qualification, no use limitation is warranted.
			Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side. Bromoform 13E0369-01[D05361], 13E0369-02[D05362], 13E0369-03[D05363], 13E0369-04[D05364], 13E0369-05[D05365], 13E0369-06[D05366], B072892-BLK1, B072892-BS1, B072892-BSD1, B072996-BLK1, B072996-BS1, B072996-BSD1, B072996-MS1, B072996-MSD1	The discrepancy would bias the results low but the sample concentrations either were much less than or much greater than the applicable criteria. Therefore, no use limitation is warranted.
			Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria. Analyte & Samples(s) Qualified: 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP), Acetone, Naphthalene B072996-BS1, B072996-BSD1	The accuracy, precision, and sensitivity of the quality control is sufficient, no use limitation is warranted.
			Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound. Analyte & Samples(s) Qualified: Hexachlorobutadiene B072996-BS1	This VOC is not a compound of concern so no use limitation is warranted.

Table 5
Data Usability Assessment - Summary of Data Qualifications
Data Used to Support Permanent Solution
87 Grove Street
Franklin, Massachusetts

DATA SET	CAM STATUS	PARAMETER	ISSUE	USE LIMITATION
May 2013 soil samples (continued)	CAM-compliant	VOCs	Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria. Analyte & Samples(s) Qualified: 2-Butanone (MEK), Acetone, Bromomethane, Dichlorodifluoromethane (Freon 12) B072892-BS1, B072892-BSD1, B072996-BS1	The accuracy, precision, and sensitivity of the quality control is sufficient, no use limitation is warranted.
			Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated. Analyte & Samples(s) Qualified: 1,1,1,2-Tetrachloroethane, 1,4-Dichlorobenzene, Bromobenzene, Chlorodibromomethane, cis-1,3-Dichloropropene, Dichlorodifluoromethane (Freon 12), Styrene, trans-1,3-Dichloropropene 13E0369-05[D05365], B072996-MS1, B072996-MSD1	The discrepancy would bias the results low but the sample concentrations either were much less than or much greater than the applicable criteria. Therefore, no use limitation is warranted.
			Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated. Analyte & Samples(s) Qualified: 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP), Bromoform, Bromomethane, Hexachlorobutadiene, Naphthalene 13E0369-05[D05365], B072996-MS1, B072996-MSD1	The discrepancy would bias the results low but the sample concentrations either were much less than or much greater than the applicable criteria. Therefore, no use limitation is warranted.
			Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery. Analyte & Samples(s) Qualified: 1,1,2,2-Tetrachloroethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 2-Hexanone (MBK), n-Butylbenzene B072996-MS1, B072996-MSD1	The accuracy, precision, and sensitivity of the quality control is sufficient, no use limitation is warranted.
			Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound. Analyte & Samples(s) Qualified: Bromomethane, Hexachlorobutadiene 13E0369-01[D05361], 13E0369-02[D05362], 13E0369-03[D05363], 13E0369-04[D05364], 13E0369-05[D05365], 13E0369-06[D05366], B072892-BLK1, B072892-BS1, B072892-BSD1, B072996-BLK1, B072996-BS1, B072996-BSD1, B072996-MS1, B072996-MSD1	These VOCs are not compounds of concern so no use limitation is warranted.

Table 5
Data Usability Assessment - Summary of Data Qualifications
Data Used to Support Permanent Solution
87 Grove Street
Franklin, Massachusetts

DATA SET	CAM STATUS	PARAMETER	ISSUE	USE LIMITATION
May 2013 soil samples (continued)	CAM-compliant	VOCs	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side. Analyte & Samples(s) Qualified: 1,1,1,2-Tetrachloroethane, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP), Bromoform, Dichlorodifluoromethane (Freon 12), Hexachlorobutadiene, Naphthalene 13E0369-04[D05364], 13E0369-05[D05365], 13E0369-06[D05366], B072996-BLK1, B072996-BS1, B072996-BSD1, B072996-MS1, B072996-MSD1, 13E0369-01[D05361], 13E0369-02[D05362], 13E0369-03[D05363], B072892-BLK1, B072892-BS1, B072892-BSD1	The discrepancy would bias the results low but the sample concentrations either were much less than or much greater than the applicable criteria. Therefore, no use limitation is warranted.
			Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result. Analyte & Samples(s) Qualified: 1,4-Dioxane 13E0369-01[D05361], 13E0369-02[D05362], 13E0369-03[D05363], 13E0369-04[D05364], 13E0369-05[D05365], 13E0369-06[D05366], B072892-BLK1, B072892-BS1, B072892-BSD1, B072996-BLK1, B072996-BS1, B072996-BSD1, B072996-MS1, B072996-MSD1	This VOC is not a compound of concern so no use limitation is warranted.
			Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound. Analyte & Samples(s) Qualified: Acetone B072892-BS1, B072892-BSD1, B072996-BS1, B072996-BSD1	Results were reported without qualification, no use limitation is warranted.
May 2013 Groundwater		pH	Holding time was exceeded. pH analysis should be performed immediately at time of sampling. Nominal 15 minute holding time was exceeded. Analyte & Samples(s) Qualified: pH 13E0614-16[D05382], B073325-DUP1	No use limitation is warranted.
		VOCs	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side. Analyte & Samples(s) Qualified: 1,2,3-Trichlorobenzene B073417-BS1, B073417-BSD1	This VOC is not a compound of concern so no use limitation is warranted.
			Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria. Analyte & Samples(s) Qualified: 1,2-Dibromo-3-chloropropane (DBCP), Naphthalene B073417-BSD1	The accuracy, precision, and sensitivity of the quality control is sufficient, no use limitation is warranted.
			Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria. Analyte & Samples(s) Qualified: 2-Butanone (MEK), 2-Hexanone (MBK), Acetone, Bromomethane, Chloromethane, Dichlorodifluoromethane (Freon 12) B073334-BS1, B073334-BSD1, B073417-BS1, B073417-BSD1	The accuracy, precision, and sensitivity of the quality control is sufficient, no use limitation is warranted.

Table 5
Data Usability Assessment - Summary of Data Qualifications
Data Used to Support Permanent Solution
87 Grove Street
Franklin, Massachusetts

DATA SET	CAM STATUS	PARAMETER	ISSUE	USE LIMITATION
May 2013 Groundwater (continued)		VOCs	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated. Analyte & Samples(s) Qualified: Bromomethane, Chloromethane, Dichlorodifluoromethane (Freon 12) 13E0614-01[D05367], B073334-MS1, B073334-MSD1	The discrepancy would bias the results low but the sample concentrations either were much less than or much greater than the applicable criteria. Therefore, no use limitation is warranted.
			Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria. Analyte & Samples(s) Qualified: 1,4-Dioxane B073334-S1	The accuracy, precision, and sensitivity of the quality control is sufficient, no use limitation is warranted.
			Elevated reporting limit based on lowest point in calibration. MA CAM reporting limit not met. Analyte & Samples(s) Qualified: Carbon Disulfide, Methylene Chloride 13E0614-01[D05367], 13E0614-02[D05368], 13E0614-[D05369], 13E0614-04[D05370], 13E0614-05[D05371], 13E0614-06[D05372], 13E0614-07[D05373], 13E0614-08[D05374], 13E0614-09[D05375], 13E0614-10[D05376], 13E0614-11[D05377], 13E0614-12[D05378], 13E0614-13[D05379], 13E0614-14[D05380], 13E0614-15[D05381]	The elevated reporting limits exceed the GW-1 standards; however they are within the GW-2 and GW-3 standards that are applicable to the Site. Therefore, no use limitation is warranted.
			Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side. Analyte & Samples(s) Qualified: Chloromethane 13E0614-01[D05367], 13E0614-02[D05368], 13E0614-03[D05369], 13E0614-05[D05371], 13E0614-06[D05372], 13E0614-08[D05374], 13E0614-09[D05375], 13E0614-10[D05376], 13E0614-1[D05377], 13E0614-12[D05378], 13E0614-13[D05379], B073334-BLK1, B073334-BS1, B073334-BSD1, B073334-MS1, B073334-MSD1	This VOC is not a compound of concern so no use limitation is warranted.
			Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result. Analyte & Samples(s) Qualified: 1,4-Dioxane 13E0614-01[D05367], 13E0614-02[D05368], 13E0614-03[D05369], 13E0614-04[D05370], 13E0614-05[D05371], 13E0614-06[D05372], 13E0614-07[D05373], 13E0614-08[D05374], 13E0614-09[D05375], 13E0614-10[D05376], 13E0614-1[D05377], 13E0614-12[D05378], 13E0614-13[D05379], 13E0614-14[D05380], 13E0614-15[D05381], 13E0614-16[D05382], B073334-BLK1, B073334-BS1, B073334-BSD1, B073334-MS1, B073334-MSD1, B073417-BLK1, B073417-BS1, B073417-BSD1	This VOC is not a compound of concern so no use limitation is warranted.
			Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound. Analyte & Samples(s) Qualified: Bromomethane, Methylene Chloride B073417-BS1, B073417-BSD1, B073334-BS1, B073334-BSD1, B073334-MS1, B073334-MSD1	The accuracy, precision, and sensitivity of the quality control is sufficient, no use limitation is warranted.

Table 5
Data Usability Assessment - Summary of Data Qualifications
Data Used to Support Permanent Solution
87 Grove Street
Franklin, Massachusetts

DATA SET	CAM STATUS	PARAMETER	ISSUE	USE LIMITATION
May 2013 Groundwater (continued)		VOCs	Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for "difficult analytes" where recovery control limits of 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, acetone, 1,4-dioxane, chloromethane, dichlorodifluoromethane, 2-hexanone, and bromomethane.	The accuracy, precision, and sensitivity of the quality control is sufficient, no use limitation is warranted.
August 2013 Groundwater samples	CAM-compliant	VOCs	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples into this batch and bias is on the high side. 1,2,3-Trichlorobenzene, Naphthalene (B079540-BS1, B0709540-BSD1	Results were reported without qualification, no use limitation is warranted.
			Laboratory fortified blank/laboratory control sample recovery an duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side. 2,2-Dichloropropane, Bromethane, Chloromethane, Styrene, Trichlorofluoromethane (Freon 11), Vinyl Chloride	The discrepancy would bias the results low but the sample concentrations either were much less than or much greater than the applicable criteria. Therefore, no use limitation is warranted.
			Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS result is within method specified criteria. Bromomethane	The accuracy, precision, and sensitivity of the quality control is sufficient, no use limitation is warranted.
			Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% but does meet difficult compound criteria. Bromomethane, Dichlorodiflouromethane (Freon 12)	The accuracy, precision, and sensitivity of the quality control is sufficient, no use limitation is warranted.
			Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported results or non-homogeneous sample aliquots cannot be eliminated. 2,2 - Dichloropropane, Bromomethane, Chloromethane, Dichlorodifluoromethane (Freon 12)	T&H accepts the data as being representative of disposal site conditions based on data collected subsequently from nearby locations.
			Elevated reporting limit due to high concentration of target compounds. MA CAM reporting limit not met. Carbon Disulfide, Methylene Chloride.	The elevated reporting limits exceed the GW-1 standards; however they are within the GW-2 and GW-3 standards that are applicable to the Site. Therefore, no use limitation is warranted.
May 2015 groundwater sample	CAM-compliant	VOCs	Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria. Analyte & Samples(s) Qualified: L-14 Bromomethane B121629-BS1, B121629-BSD1 Dichlorodifluoromethane (Freon 12) B121629-BS1, B121629-BSD1	T&H accepts the data as being representative of disposal site conditions based on data collected subsequently from nearby locations.
			Elevated reporting limit due to high concentration of target compounds. MA CAM reporting limit not met. Analyte & Samples(s) Qualified: RL-05 15E0203-05[MW-101D], 15E0203-06[MW-101S]	T&H accepts the data as being representative of disposal site conditions based on data collected subsequently from nearby locations.

Table 5
Data Usability Assessment - Summary of Data Qualifications
Data Used to Support Permanent Solution
87 Grove Street
Franklin, Massachusetts

DATA SET	CAM STATUS	PARAMETER	ISSUE	USE LIMITATION
May 2015 groundwater sample	CAM-compliant	VOCs	Elevated reporting limit based on lowest point in calibration. MA CAM reporting limit not met. Analyte & Samples(s) Qualified: RL-07 Bromomethane 15E0203-01[MW-1], 15E0203-02[MW-17], 15E0203-03[MW-106D], 15E0203-04[MW-106S] Methylene Chloride 15E0203-01[MW-1], 15E0203-02[MW-17], 15E0203-03[MW-106D], 15E0203-04[MW-106S]	T&H accepts the data as being representative of disposal site conditions based on data collected subsequently from nearby locations.
			Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side. Analyte & Samples(s) Qualified: V-05 1,2-Dibromo-3-chloropropane (DBCP) 15E0203-01[MW-1], 15E0203-02[MW-17], 15E0203-03[MW-106D], 15E0203-04[MW-106S], 15E0203-05[MW-101D], 15E0203-06[MW-101S], B121629-BLK1, B121629-BS1, B121629-BSD1	The discrepancy would bias the results low but the sample concentrations either were much less than or much greater than the applicable criteria. Therefore, no use limitation is warranted.
			Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound. Analyte & Samples(s) Qualified: V-20 Chloromethane B121629-BS1, B121629-BSD1	Results were reported without qualification, no use limitation is warranted.
June 2015 Groundwater samples	CAM-compliant	VOCs	Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria. Analyte & Samples(s) Qualified: L-14 Bromomethane B123593-BS1	T&H accepts the data as being representative of disposal site conditions based on data collected subsequently from nearby locations.
			Elevated reporting limit due to high concentration of target compounds. MA CAM reporting limit not met. Analyte & Samples(s) Qualified: RL-05 15F0265-01[MW-101D], 15F0265-02[MW-101S]	T&H accepts the data as being representative of disposal site conditions based on data collected subsequently from nearby locations.
			Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound. Analyte & Samples(s) Qualified: V-20 Bromomethane B123593-BS1, B123593-BSD1 Chloromethane B123593-BS1, B123593-BSD1	The accuracy, precision, and sensitivity of the quality control is sufficient, no use limitation is warranted.

Appendix A

TATA & HOWARD

Transaction Overview Trans# 776968 ID# 2-16694 BWSC104 Permanent And Temporary Solution Statement

Forms Attach Files Signature Receipt

Summary & Receipt

Print Receipt Exit

Your submission is complete. Thank you for using eDEP's online reporting system. Select My eDEP to see a list of your transactions. Click Print Receipt to save a copy of this receipt for your records.

DEP Transaction ID: 776968
Date and Time Submitted: 10/8/2015 2:12:23 PM
Other Email :

Form Name: BWSC104 Permanent And Temporary Solution Statement

RTN: 2-16694
Location: FORMER NU-STYLE PROPERTY
Address: 87 GROVE ST, FRANKLIN, 020380000

Person Making Submittal
TOWN OF FRANKLIN
JEFFREY NUTTING
355 EAST CENTRAL ST
FRANKLIN, MA 020380000

LSP
LSP #: 4562
LSP Name: JONATHAN R OBRIEN

Person Making Certification
TOWN OF FRANKLIN
Jeffrey Nutting

,

Ancillary Document Uploaded/Mailed
BWSC-104 QUESTION.B4 - Revised Perm or Temp Partial Sol. Stmt or RAO Report - By Mail

Massachusetts Department of Environmental Protection

eDEP Transaction Copy

Here is the file you requested for your records.

To retain a copy of this file you must save and/or print.

Username:	**SIENNA**
Transaction ID:	**776968**
Document:	**BWSC104 Permanent And Temporary Solution Statement**
Size of File:	**1533.47K**
Status of Transaction:	**In Process**
Date and Time Created:	**10/8/2015:2:14:49 PM**

Note: This file only includes forms that were part of your transaction as of the date and time indicated above. If you need a more current copy of your transaction, return to eDEP and select to “Download a Copy” from the Current Submittals page.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC 104

PERMANENT AND TEMPORARY SOLUTION STATEMENT

Pursuant to 310 CMR 40.1000 (Subpart J)

Release Tracking Number
2 - 16694

For sites with multiple RTNs, enter the Primary RTN above.

A. SITE LOCATION:

1. Site Name/Location Aid: FORMER NU-STYLE PROPERTY

2. Street Address: 87 GROVE ST

3. City/Town: FRANKLIN 4. ZIP Code: 020380000

5. Coordinates: a. Latitude: N 42.08685 b. Longitude: W 71.42754

☑ 6. Check here if the disposal site that is the source of the release is Tier Classified. Check the current Tier Classification Category:

☐ a. Tier I ☐ b. Tier ID ☑ c. Tier II

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

1. List Submittal Date of the Permanent or Temporary Solution Statement, or RAO Statement (if previously submitted): _____ mm/dd/yyyy

☐ 2. Submit a **Permanent or Temporary Solution Statement**

☐ a. Check here if this Permanent or Temporary Solution Statement covers additional Release Tracking Numbers (RTNs). RTNs that have been previously linked to a Tier Classified Primary RTN do not need to be listed here.

b. Provide the additional Release Tracking Number(s) covered by this Permanent or Temporary Solution Statement. ☐ - ☐ ☐ - ☐

☐ 3. Submit a **Revised Permanent or Temporary Solution Statement** (or revised RAO Statement)

☐ a. Check here if this Revised Permanent or Temporary Solution Statement covers additional Release Tracking Numbers (RTNs), not listed on the Permanent or Temporary Solution Statement or previously submitted Revised Permanent or Temporary Solution Statements. RTNs that have been previously linked to a Tier Classified Primary RTN do not need to be listed here.

b. Provide the additional Release Tracking Number(s) covered by this Permanent or Temporary Solution Statement. ☐ - ☐ ☐ - ☐

☑ 4. Submit a **Permanent or Temporary Solution Partial Statement**

Check above box, if any Response Actions remain to be taken to address conditions associated with this disposal site having the Primary RTN listed in the header section of this transmittal form. This Permanent or Temporary Solution Statement will record only a Permanent or Temporary Solution-Partial Statement for that RTN. A final Permanent or Temporary Solution Statement will need to be submitted that references all Permanent or Temporary Solution-Partial Statements and, if applicable, covers any remaining conditions not covered by the Permanent or Temporary Solution-Partial Statements.

Also, specify if you are an Eligible Person or Tenant pursuant to M.G.L. c. 21 s.2, and have no further obligation to conduct response actions on the remaining portion(s) of the disposal site:

☐ a. Eligible Person ☐ b. Eligible Tenant

☐ 5. Submit a **Revised Permanent or Temporary Solution Partial Statement** (or revised RAO-Partial Statement)

☐ 6. Submit an optional **Phase I Completion Statement** supporting the Permanent or Temporary Solution Statement

☐ 7. Submit a **Periodic Review Opinion evaluating the status of a Temporary Solution,** as specified in 310 CMR 40.1051 (Section F is optional)

☐ 8. Submit a **Retraction** of a previously submitted **Permanent or Temporary Solution Statement** (or RAO Statement) (Sections E & F are not required)

(All sections of this transmittal form must be filled out unless otherwise noted above)

C. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply; for volumes, list cumulative amounts)

- [x] 1. Assessment and/or Monitoring Only
- [ ] 2. Temporary Covers or Caps
- [ ] 3. Deployment of Absorbent or Containment Materials
- [ ] 4. Treatment of Water Supplies
- [ ] 5. Structure Venting System/HVAC Modification System
- [ ] 6. Engineered Barrier
- [ ] 7. Product or NAPL Recovery
- [ ] 8. Fencing and Sign Posting
- [ ] 9. Groundwater Treatment Systems
- [ ] 10. Soil Vapor Extraction
- [ ] 11. Remedial Additives
- [ ] 12. Air Sparging
- [ ] 13. Active Exposure Pathway Mitigation System
- [ ] 14. Passive Exposure Pathway Mitigation System
- [ ] 15. Monitored Natural Attenuation
- [ ] 16. In-Situ Chemical Oxidation
- [ ] 17. Removal of Contaminated Soils

[ ] a. Re-use, Recycling or Treatment [ ] i. On Site Estimated volume in cubic yards _____

[ ] ii. Off Site Estimated volume in cubic yards _____

iia. Facility Name: _____ Town: _____ State: _____

iib. Facility Name: _____ Town: _____ State: _____

iii. Describe:

_____

[ ] b. Landfill

[ ] i. Cover Estimated volume in cubic yards _____

Facility Name: _____ Town: _____ State: _____

[ ] ii. Disposal Estimated volume in cubic yards _____

Facility Name: _____ Town: _____ State: _____

[ ] 18. Removal of Drums, Tanks or Containers:

a. Describe Quantity and Amount:

_____

b. Facility Name: _____ Town: _____ State: _____

c. Facility Name: _____ Town: _____ State: _____

[ ] 19. Removal of Other Contaminated Media:

a. Specify Type and Volume:

_____

b. Facility Name: _____ Town: _____ State: _____

c. Facility Name: _____ Town: _____ State: _____

C. DESCRIPTION OF RESPONSE ACTIONS (cont.): (check all that apply; for volumes, list cumulative amounts)

☐ 20. Other Response Actions:

Describe:

☐ 21. Use of Innovative Technologies:

Describe:

D. SITE USE:

1. Are the response actions that are the subject of this submittal associated with the *redevelopment, reuse* or the *major expansion of the current use* of property(ies) impacted by the presence of oil and/or hazardous materials?

☐ a. Yes ☑ b. No ☐ c. Don't know

2. Is the property a *vacant or under-utilized commercial or industrial* property ("a brownfield property")?

☑ a. Yes ☐ b. No ☐ c. Don't know

3. Will funds from a state or federal brownfield incentive program be used on one or more of the property(ies) within the disposal site?

☑ a. Yes ☐ b. No ☐ c. Don't know If Yes, identify program(s): EPA BROWNFIELDS

4. Has a Covenant Not to Sue been obtained or sought?

☐ a. Yes ☑ b. No ☐ c. Don't know

5. Check all applicable categories that apply to the person making this submittal: ☐ a. Redevelopment Agency or Authority

☐ b. Community Development Corporation ☐ c. Economic Development and Industrial Corporation

☐ d. Private Developer ☐ e. Fiduciary ☐ f. Secured Lender ☑ g. Municipality

☐ h. Potential Buyer (non-owner) ☐ i. Other, describe:

This data will be used by MassDEP for information purposes only, and does not represent or create any legal commitment, obligation or liability on the part of the party or person providing this data to MassDEP.

E. PERMANENT OR TEMPORARY SOLUTION CATEGORY:

Specify the category of Solution that applies to the Disposal Site, or Site of the Threat of Release. Select either **1, 2, or 3.**

☐ **1. Permanent Solution with No Conditions** (check one)

☐ a. A threat of release has been eliminated.

☐ b. All contamination has been reduced to Natural Background levels.

☐ c. A condition of No Significant Risk exists or has been achieved with no Activity and Use Limitation or other limitations, assumptions, or conditions (310 CMR 40.1013).

E. PERMANENT OR TEMPORARY SOLUTION CATEGORY (cont.):

☑ **2. Permanent Solution with Conditions** (check a and/or b):

☐ a. **An AUL has been implemented** pursuant to 310 CMR 1012(2) (check one)

☐ i. Required pursuant to 310 40.1012(2)

☐ ii. Optionally implemented pursuant to 310 40.1012(3)

☑ b. **Limitations or conditions apply** pursuant to 310 CMR 40.1013 (check all that apply):

☐ i. Gardening Best Management Practices (BMPs) for non-commercial gardening in a residential setting

☐ ii. Concentrations of Oil and Hazardous Material consistent with Anthropogenic Background

☐ iii. Residual contamination in a Public or Railroad Right-of-Way

☑ iv. Groundwater contamination would exceed GW-2 Standards except for the absence of an occupied building or structure

☐ **3. Temporary Solution** (check one)

☐ a. Response actions to achieve a Permanent Solution **are not currently feasible**

☐ b. Response actions to achieve a Permanent Solution **are feasible** and are being continued toward a Permanent Solution

F. PERMANENT AND TEMPORARY SOLUTION INFORMATION:

1. Specify the Risk Characterization Method(s) used to achieve the Permanent or Temporary Solution, described above:

☐ a. Method 1 ☐ b. Method 2 ☐ c. Method 3

☑ d. Method Not Applicable-Contamination reduced to or consistent with background, or Threat of Release abated

2. Specify all Soil Category(ies) applicable. More than one Soil Category may apply at a Site. Be sure to check off all **APPLICABLE** categories:

☐ a. S-1/GW-1 ☐ d. S-2/GW-1 ☐ g. S-3/GW-1 ☐ j. Not Applicable

☐ b. S-1/GW-2 ☐ e. S-2/GW-2 ☐ h. S-3/GW-2

☐ c. S-1/GW-3 ☑ f. S-2/GW-3 ☑ i. S-3/GW-3

3. Specify all Groundwater Category(ies) impacted. A site may impact more than one Groundwater Category. Be sure to check off all **IMPACTED** categories:

☐ a. GW-1 ☑ b. GW-2 ☑ c. GW-3 ☐ d. No Groundwater Impacted

☐ 4. Check here if the risk assessment includes any changes to the groundwater category pursuant to 310 CMR 40.0932(5)(a) through (e). Check all conditions that apply:

☐ a. An InterimWellhead Protection Area does not apply based on a hydrogeologic evaluation (310 CMR 40.0932(5)(a))

☐ b. Groundwater was determined not to be in a Potentially Productive Aquifer or is not feasible to be developed as a drinking water supply (310 CMR 40.0932(5)(b))

☐ c. A Non-Potential DrinkingWater Source Area determination was made (310 CMR 40.0932(5)(c))

☐ d. Existing private wells were permanently closed (310 CMR 40.0932(5)(d))

☐ e. Groundwater is located within a Zone A, but is not hydrogeologically connected to a drinking water supply (310 CMR 40.0932(5)(e))

☐ 5. Check here if the Permanent or Temporary Solution supports a finding of No Significant Risk for petroleum in a GW-1 area pursuant to 310 CMR 40.0924(2)(b)3.

F. PERMANENT AND TEMPORARY SOLUTION INFORMATION (cont.):

6. Specify whether remediation was conducted:

- ☐ a. Check here if soil remediation was conducted.
- ☐ b. Check here if groundwater remediation was conducted.
- ☐ c. Check here if other remediation was conducted.
  Specify:

7. Specify whether the analytical data used to support the Permanent or Temporary Solution used the Compendium of Analytical Methods (CAM):

- ☑ a. CAM used to support all analytical data.
- ☐ b. CAM used to support some of the analytical data.
- ☐ c. CAM not used.

☑ 8. Check here to indicate that the Permanent or Temporary Solution Statement includes a Data Usability Assessment and Data Representativeness Evaluation pursuant to 310 CMR 40.1056.

9. Estimate the number of acres this Permanent or Temporary Solution Statement applies to: 0.4

G. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> *if Section B indicates that either a* ***Permanent or Temporary Solution Statement, Phase I Completion Statement and/or Periodic Review Opinion*** *is being provided,* the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP#: 4562

2. First Name: JONATHAN R 3. Last Name: OBRIEN

4. Telephone: 508-946-1732 5. Ext.: 6. Email:

7. Signature: JONATHAN R OBRIEN

8. Date: 10/8/2015
mm/dd/yyyy

9. LSP Stamp:

H. PERSON MAKING SUBMITTAL:

1. Check all that apply: ☑ a. change in contact name ☐ b. change of address ☐ c. change in the person undertaking response actions

2. Name of Organization: TOWN OF FRANKLIN

3. Contact First Name: JEFFREY 4. Last Name: NUTTING

5. Street: 355 EAST CENTRAL ST 6. Title: TOWN ADMINISTRATOR

7. City/Town: FRANKLIN 8. State: MA 9. ZIP Code: 020380000

10. Telephone: 508-520-4949 11. Ext.: 12. Email:

I. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON MAKING SUBMITTAL:

☐ Check here to change relationship

☑ 1. RP or PRP ☐ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter

☑ e. Other RP or PRP Specify: NON-SPECIFIED PRP

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

☐ 4. Any Other Person Making Submittal Specify Relationship: _____

J. REQUIRED ATTACHMENT AND SUBMITTALS:

☐ 1. Check here if the Permanent or Temporary Solution on which this opinion is based, if any, are (were) subject to any order(s), permit (s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

☐ 2. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of a Permanent or Temporary Solution Statement that relies on the public way/rail right-of-way exemption from the requirements of an AUL.

☑ 3. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of a Permanent or Temporary Solution Statement with instructions on how to obtain a full copy of the report.

☑ 4. Check here to certify that documentation is attached specifying the location of the Site, or the location and boundaries of the Disposal Site subject to this Permanent or Temporary Solution Statement. If submitting a Permanent or Temporary Solution Statement for a PORTION of a Disposal Site, you must document the location and boundaries for both the portion subject to this submittal and, to the extent defined, the entire Disposal Site.

☑ 5. Check here to certify that, pursuant to 310 CMR 40.1406, notice was provided to the owner(s) of each property within the disposal site boundaries, or notice was not required because the disposal site boundaries are limited to property owned by the party conducting response actions. (check all that apply)

☐ a. Notice was provided prior to, or concurrent with the submittal of a Phase II Completion Statement to the Department.

☐ b. Notice was provided prior to, or concurrent with the submittal of this Permanent or Temporary Solution Statement to the Department.

☑ c. Notice not required. d. Total number of property owners notified, if applicable: _____

☐ 6. Check here if you are submitting one or more AULs. You must submit an AUL Transmittal Form (BWSC113) and a copy of each implemented AUL related to this Permanent Solution or Temporary Solution Statement. Specify the type of AUL(s) below: (required for Permanent Solution with Conditions Statements where an AUL is being implemented)

☐ a. Notice of Activity and Use Limitation b. Number of Notices submitted: _____

☐ c. Grant of Environmental Restriction d. Number of Grants submitted: _____

☐ 7. If a Permanent Solution Compliance Fee is required for any of the RTNs listed on this transmittal form, check here to certify that a Permanent Solution Compliance Fee was submitted to DEP, P. O. Box 4062, Boston, MA 02211.

☐ 8. Check here if any non-updatable information provided on this form is incorrect, e.g. Site Address/Location Aid. Send corrections to bwsc.edep@state.ma.us.

☑ 9. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

K. CERTIFICATION OF PERSON MAKING SUBMITTAL:

1. I, JEFFREY NUTTING, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: JEFFREY NUTTING
Signature

3. Title:

4. For: TOWN OF FRANKLIN
(Name of person or entity recorded in Section H)

5. Date: 10/8/2015
mm/dd/yyyy

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section H.

7. Street:

8. City/Town: 9. State: 10. ZIP Code:

11. Telephone: 12. Ext.: 13. Email:

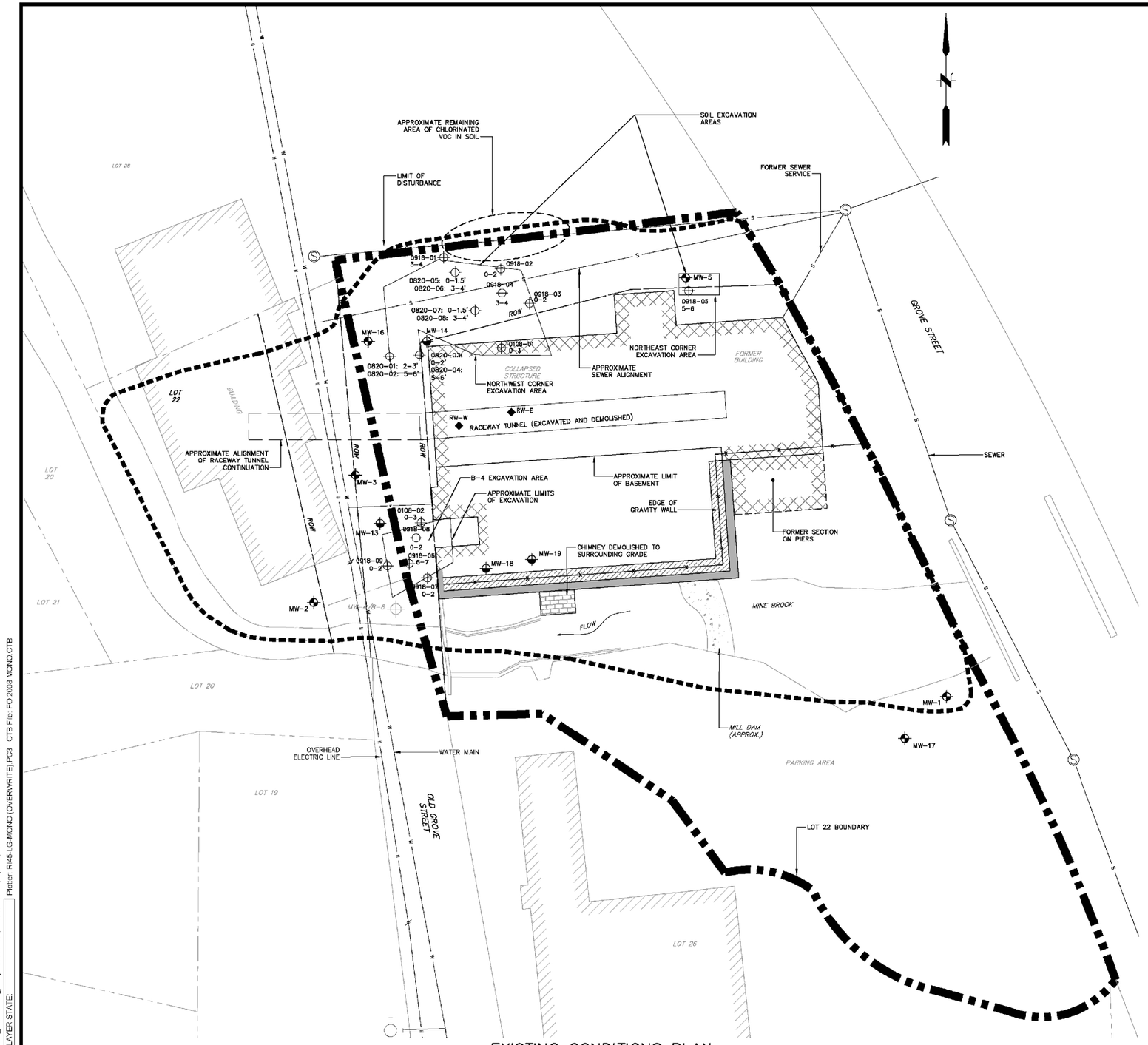
YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO $10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)

Received by DEP on 10/8/2015 2:12:23 PM

Appendix B

TATA & HOWARD



EXISTING CONDITIONS PLAN

SCALE: 1"= 20'

LEGEND

- PROPERTY BOUNDARY
- PARCEL LINES
- ROW — TOWN-OWNED RIGHT OF WAY
- TOWN-OWNED ROADWAY
- EDGE OF WATER
- WETLANDS
- RTN 2-16594 DISPOSAL SITE BOUNDARY (DASHED WHERE APPROXIMATE)
- LIMITS OF EXCAVATION AREA
- FOUNDATION DEMOLISHED DURING RAM ACTIVITIES
- FOUNDATION TO REMAIN
- GRAVITY WALL INSTALLED DURING RAM
- CHAIN LINK FENCE
- OVERBURDEN MONITORING WELL
- SHALLOW BEDROCK MONITORING WELL
- HYDRANT
- SEWER MANHOLE
- 0918-04 3-4 — CONFIRMATORY SOIL SAMPLE LOCATION WITH SAMPLE NUMBER (6 DIGITS) AND DEPTH
- SOIL SAMPLE REMOVED FROM DATA SET (VIA ADDITIONAL EXCAVATION
- RW-E — RACEWAY EAST/WEST CO-LOCATED SEDIMENT & STANDING WATER SAMPLE

REFERENCES:

SITE FEATURES WERE OBTAINED FROM THE FOLLOWING SOURCES:

1. TOWN OF FRANKLIN ASSESSOR'S MAP 276 AND GIS MAPPING
2. SITE OBSERVATIONS BY FUSS & O'NEILL
3. 2010 AERIAL PHOTOGRAPHY FROM GOOGLE
4. JULY 2003 "SITE PLAN MODIFICATION, ASSESSOR'S MAP 72, LOT 7" BY UNITED CONSULTANTS, INC.

NOTES:

1. THE USEPA BROWNFIELDS REMEDIATION GRANT APPLIED SOLELY TO LOT 27. NO ACTION WERE CONDUCTED OUTSIDE OF THE DISPOSAL SITE BOUNDARY OR ON THE LOT 22 PORTION OF THE DISPOSAL SITE. ADDITIONAL RESPONSE ACTIONS MAY BE WARRANTED ON LOT 22 AT A LATER DATE.
2. BACKFILL CONSISTED OF A COMBINATION OF CRUSHED BRICK, CONCRETE AND MASONRY RUBBLE AND IMPORTED SAND & GRAVEL FILL PROVIDED BY THE TOWN OF FRANKLIN. THE GROUND SURFACE WAS RESTORED WITH MULCH AND LEAVES.
3. UTILITY LOCATIONS ARE APPROXIMATE BASED ON TOWN GIS MAPPING AND KNOWLEDGE OF SITE CONDITIONS.
4. MW-18 AND MW-19 WERE DESTROYED DURING DEMOLITION WORK AND WILL BE REPLACED AT A LATER DATE.
5. SOIL ALONG THE NORTHERN PROPERTY LINE IN DASHED BOUNDARY WAS NOT DISTURBED DUE TO PRESENCE OF UTILITIES (WATER & SEWER).

No.	DATE	DESCRIPTION	DESIGNER	REVIEWER
1.				

SEAL

SEAL

SCALE:
HORZ.: 1"= 20'
VERT.:
DATUM:
HORZ.:
VERT.:
20 10 0 20
GRAPHIC SCALE

FUSS & O'NEILL
317 IRON HORSE WAY, SUITE 204
PROVIDENCE, RI 02908
401.861.3070
www.fando.com

TOWN OF FRANKLIN

SITE PLAN

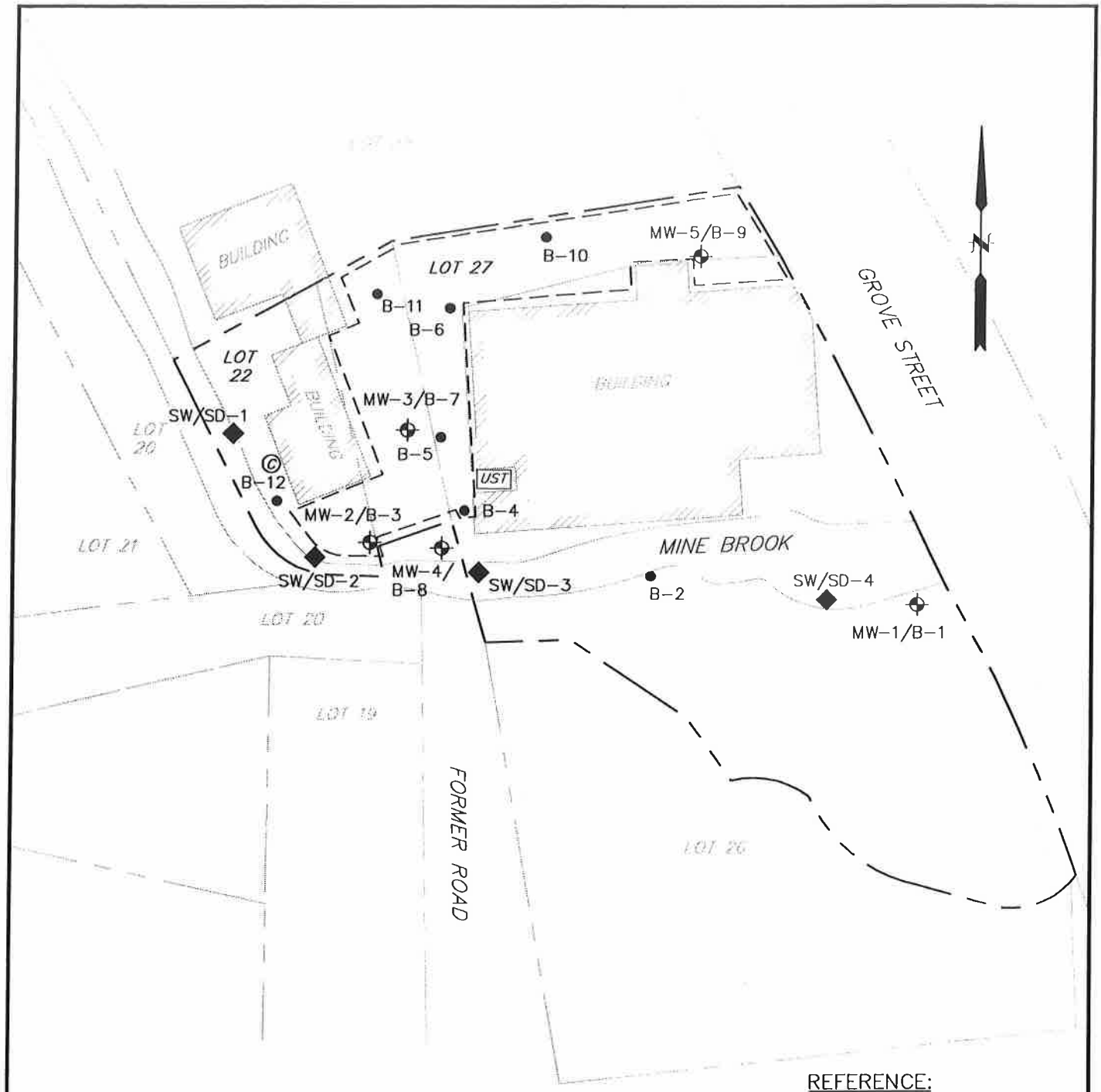
RELEASE ABATEMENT MEASURE COMPLETION REPORT
FORMER NU-STYLE FACILITY

FRANKLIN MASSACHUSETTS

PROJ. No.: 20050458.F31
DATE: MARCH 2013

FIGURE 2

File Path: G:\Temp\AcPublish_3032\20050458F31_EX001.dwg, Layout: CS-101, Plotted: Wed, Apr 24, 2013 - 1:48 PM User: dlafrance
Plotter: R45-LG-MONO (OVERWRITE).PC3 CTB File: FO 2008 MONO.CTB
LAYER STATE:
MS VIEW:



LEGEND

- APPROXIMATE PROPERTY LINE
- UST — LOCATION OF UST (REMOVED)
- APPROXIMATE GPR SURVEY AREA
- MONITORING WELL
- SOIL BORING
- APPROXIMATE LOCATION OF SURFACE WATER AND SEDIMENT SAMPLE
- c — APPROXIMATE LOCATION OF CONCRETE POTENTIALLY ASSOCIATED WITH A TUNNEL/WATER RUN

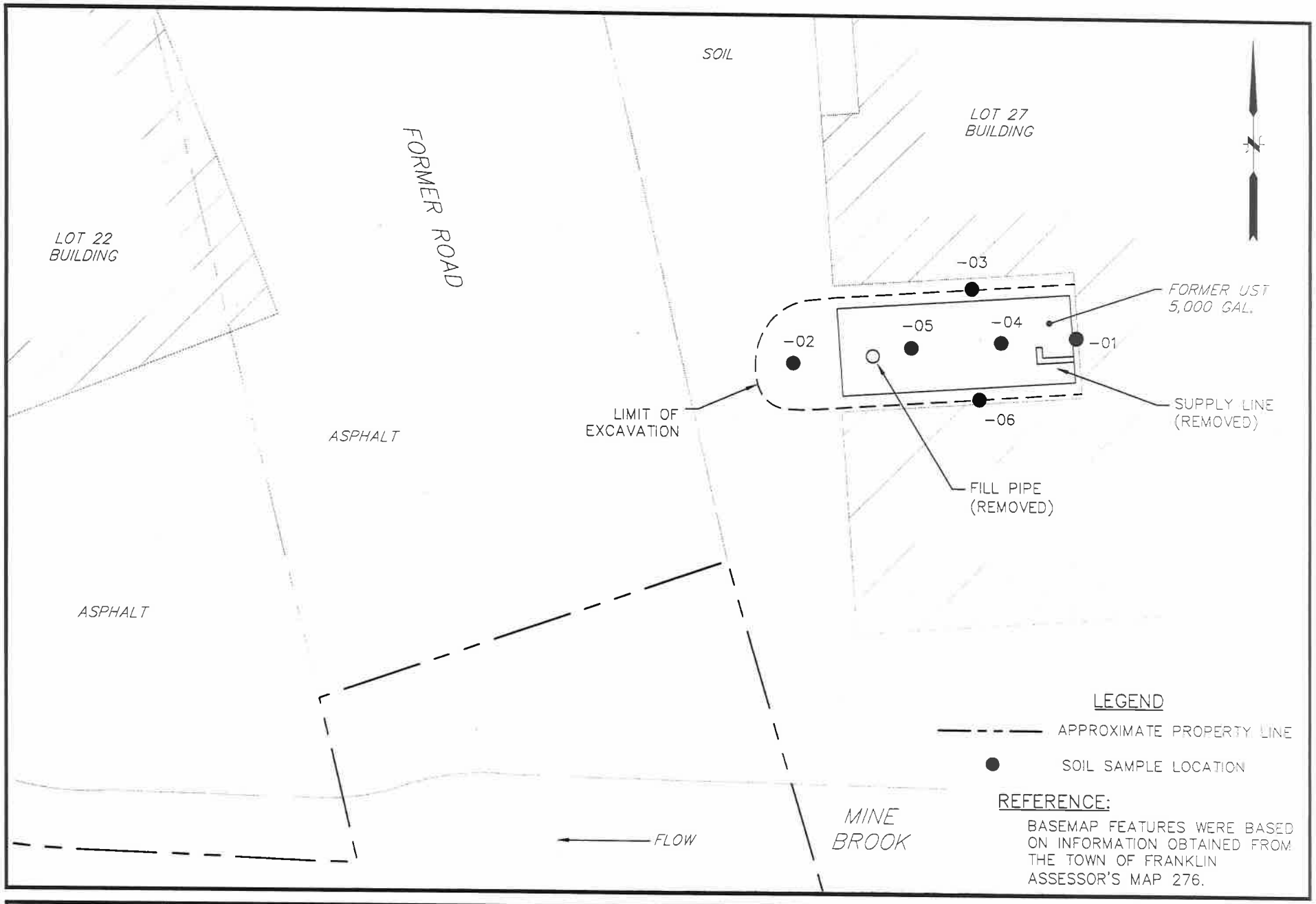
REFERENCE:

BASEMAP FEATURES WERE BASED ON INFORMATION OBTAINED FROM THE TOWN OF FRANKLIN ASSESSOR'S MAP 276.

File Path: F:\Dwg\P2005\0458\B10\Nu Style\tjc_Phase_update_050458B10_STP001.dwg, Layout: 08.5x11-P_R121_HP8000 Wed, Oct 03, 2007 - 9:11 AM User: BrianK

UCS: | VS VIEW: | LMAN: | CTB:

SCALE: HORZ.: 1" = 60' VERT.: DATUM: HORZ.: VERT.: 0 30 60 GRAPHIC SCALE	WWW.FandO.COM FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE ST SUITE 350 PROVIDENCE RI 02908 401.861.3070	FORMER NU-STYLE COMPANY INC SITE PLAN 87 GROVE STREET FRANKLIN MASSACHUSETTS	PROJ. No.: 20050458.B10 DATE: OCTOBER 2007 FIGURE 2



SCALE:
HORZ: 1" = 10'
VERT:
DATUM:
HORZ:
VERT:
0 5 10
GRAPHIC SCALE

WWW.FandO.COM

FUSS & O'NEILL
Discipline to Deliver

275 PROMENADE ST SUITE 350 PROVIDENCE RI 02908 401.861.3070

FORMER NU-STYLE COMPANY, INC. FACILITY

SITE PLAN - UST AREA DETAIL

87 GROVE STREET

FRANKLIN MASSACHUSETTS

PROJ. No.: 20050458.A10
DATE: JULY 2007

FIGURE
2

File Path: F:\Dwg\P20050458\A10\050458A10_STP003.dwg, Layout: SITE PLAN 2
Date: Wed, Jul 10, 2007 - 10:04 AM User: SHubbs

CTB: FO_STANDARD(HALF) | I-MAN: | MS VIEW: MS10 | UCS: WRLD

Appendix C

TATA & HOWARD

Phase I Environmental Site Assessment

Former Nu-Style Company, Inc.

87 Grove Street (Lots 22 & 27)
Franklin, Massachusetts

February 2007

FUSS & O'NEILL
Disciplines to Deliver

275 Promenade Street
Suite 350
Providence, RI 02908

FUSS & O'NEILL

Disciplines to Deliver

February 13, 2007

Ms. Stephanie Mercandetti
Norfolk County Offices
614 High Street, PO Box 310
Dedham, MA 02027-0310

RE: Phase I Environmental Site Assessment
Former Nu-Style Company, Inc.
87 Grove Street (Map 276, Lots 22 and 27)
Franklin, MA

Dear Ms. Mercandetti:

We are pleased to submit the enclosed report of the Phase I Environmental Site Assessment (ESA) for the above-referenced site. The site assessment was conducted using the Standard Practice E 1527-05 for Environmental Site Assessments published by the American Society for Testing and Materials (ASTM, 2005). The results of our assessment are summarized in the attached report. We have identified five recognized environmental conditions for the subject site.

Note that ASTM E 1527-05 requires that certain elements of a Phase I ESA be updated if the data for the report is more than six months old. Therefore, if this report is to be relied upon after July 1, 2007, we recommend you contact us to discuss options.

In accordance with the requirements of the ASTM E 1527-05 Standard, I declare that to the best of my professional knowledge and belief, I meet the definition of an environmental professional as defined in §312.10 of 40 CFR 312 and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Thank you for the opportunity to conduct this work. Please contact the undersigned if we can be of further assistance.

Sincerely,

David JP Foss
Senior Hydrogeologist

Enclosure Phase I Environmental Site Assessment

The Foundry Corporate Office Center
275 Promenade Street
Suite 350
Providence, RI 02908

t (401) 861-3070
(800) 286-2469
f (401) 861-3076

www.FandO.com

Rhode Island
Connecticut
Massachusetts
New York
North Carolina
South Carolina

F:\P2005\0458\B10\Nu-Style\PhaseI_update2007\PhaseI_NuStyle_update_122706_lck.doc

FORMER NU-STYLE COMPANY, INC.

TABLE OF CONTENTS

FORMER NE-STYLE COMPANY, INC.

TABLE OF CONTENTS
(continued)

1.0 INTRODUCTION

Fuss & O'Neill, Inc. (Fuss & O'Neill) has been retained by the County of Norfolk, Massachusetts to conduct a Phase I Environmental Site Assessment (ESA) of the former Nu-Style Company, Inc. (Nu-Style) property located at 87 Grove Street (Lots 22 and 27) in Franklin, Massachusetts (subject site). Norfolk County is conducting the Phase I ESA as part of a Brownfield Assessment Program.

1.1 Objective

The objective of this Phase I ESA was to identify recognized environmental conditions (RECs) present at the site. As defined by Standard Practice for Environmental Site Assessments E 1527-05 developed by the American Society for Testing and Materials (ASTM, 2005), REC means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

1.2 Scope of Services

This Phase I ESA was performed using Standard Practice E 1527-05 for Environmental Site Assessments by the American Society for Testing and Materials (ASTM, 2005).

Refer to Appendix A for the scope of work and restrictions of this ESA and to Section 9.0 of this report for limitations on this work product.

2.0 SITE OVERVIEW

2.1 Site Information

2.1.1 Property Location, Size of Parcel, and Site Plan

The subject site, the former Nu-Style facility, is located at 87 Grove Street, on the western side of Grove Street in an industrial zone of Franklin, Massachusetts (Norfolk County). A portion of a United States Geological Survey (USGS) topographic map showing the subject site location is provided as Figure 1.

According to Town records, the subject site comprises two contiguous, irregularly shaped parcels (Map 276, Lot 22 and Lot 27). A site plan is provided as Figure 2. Both parcels were acquired via tax title by the Town of Franklin in 2002 (Lot 22) and in 2005 (Lot 27) as a result of foreclosure. Lot 22 is approximately 0.23 acres in size and Lot 27 adjoins Lot 22 to the east and is approximately 0.97 acres. A vacant one and one-half-story building with a footprint of approximately 4,000 square feet sits on Lot 22 and a vacant, partially dilapidated two-story

building with a footprint of approximately 11,800 square feet is situated on Lot 27. Mine Brook flows westward along the southern side of the Lot 27 building and turns northward to form the western boundary of Lot 22. Copies of the property description card available at the Town of Franklin Tax Assessor's office are attached as Appendix E. A description of the subject site developed during the site inspection is presented in Section 6.0.

2.1.2 Site Utilities

According to personnel at the Town Engineering and Public Works Departments, the site was connected to public water in 1923. No information was available at the Department of Public Works, Engineering Department, or Town Health Department regarding municipal sewer connections or septic systems for the subject site; however, Health Department files state that the property adjacent to the south of Lot 27, which was also historically occupied by Nu-Style, was served by a septic system located on the adjacent property as late as 2003.

The buildings on Lots 22 and 27 were heated by oil at some point in the past, though they did not appear to be heated or connected to electricity at the time of inspection.

2.1.3 Adjoining Land Use

Based on observations made during the site inspection and available mapping, properties adjoining the subject site include:

Address (Lot)	Description	Direction from Subject Site
15 Grove Street (Lot 28)	Garage attached to the northern end of Lot 22 site building; unpaved parking lot	North of Lots 22 and 27
20 Grove Street	Light industrial/commercial facility: World Stone Marble & Granite	East and Northeast, across Grove Street
Grove Street	Undeveloped woodlands	East and Southeast, across Grove Street
78 Grove Street (Lot 26)	Light industrial/commercial facility, containing: Gentle Giant Moving & Storage, First in Fashion, and offices	South of Lot 27
Grove Street (Lot 20)	Undeveloped	South and west

2.2 Physical Setting of Site

2.2.1 Geologic and Physiographic Setting

The topography of the subject site is fairly flat, except at the banks of the Mine Brook, where the topography drops approximately two to three feet to the water surface (USGS, 1987). The regional topography is fairly hilly and generally drains to Mine Brook.

Surficial material at the subject site was mapped as loamy udorthents, which generally consist of moderately coarse-grained, deep and moderately deep, fairly well-drained soils (USDA, 2006).

Fill described as sand, gravel, silt, loam, and boulders, and, in some cases, wood and brick was observed to depths of up to 8.5 feet during drilling conducted on the subject site and on the property adjacent to the south in 1989 by IES, Inc. (IES, 1990).

Bedrock beneath the site was mapped as grayish-pink to greenish-gray, equigranular to slightly porphyritic Dedham Granite (Zen, 1983). Bedrock was not encountered during drilling and was not observed in the area of the subject site during Phase II field investigations conducted by Fuss & O'Neill personnel in November and December 2006.

2.2.2 Groundwater

Based on USGS mapping and field observations of the local topography and surface water hydrology, the inferred groundwater flow direction is generally to the southwest and west on the portion of the subject site north of Mine Brook and to the northwest and west on the portion of the site south of Mine Brook. Groundwater was encountered at a depth of approximately five to nine feet below grade during drilling. Field sampling, piezometric-mapping, and water level gauging conducted by Fuss & O'Neill confirmed the inferred groundwater flow direction and depth.

According to the Massachusetts Contingency Plan (310 CMR 40.0932), groundwater at the subject site is classified as GW-2/GW-3. All groundwater in the Commonwealth of Massachusetts is considered a potential source of discharge to surface water and, therefore, is categorized, at a minimum, as class GW-3.

GW-2 also applies to the site because groundwater at the site is typically present at depths of less than 15 feet below grade and, at the northern portion of the site, is within 30 feet of a potentially occupied building. In addition, it is likely that regularly occupied structures will be present at the site subsequent to redevelopment. Category GW-2 groundwater is considered a potential source of vapors of oil and/or hazardous material to indoor air.

The site is not located within a MADEP Zone II (aquifer protection area), potentially productive aquifer, or other GW-1 inclusionary criteria (MassGIS, 2005); therefore, a classification of GW-1 does not apply to the property.

No public water supply wells were located within an approximately 0.5 mile radius of the subject site.

2.2.3 Surface Water

The nearest surface water body is Mine Brook, which crosses the southern portion of Lot 27 and forms the western boundary of the subject site (USGS, 1987). According to the Massachusetts Surface Water Quality Standards (314 CMR 4.00) available on-line at www.mass.gov/dep/water/laws/314cmr4.htm, Mine Brook is a Class B surface water. Class B surface waters are designated for primary and secondary contact recreation and are a habitat for fish and other aquatic life and wildlife. They are considered suitable for compatible industrial process and cooling uses and for irrigation and other agricultural use. These waters also may be

designated as a suitable public water supply source with appropriate treatment and must have consistently good aesthetic value.

2.2.4 Location of Public Water Supply Sources

Fuss & O'Neill used Environmental Data Resources, Inc. (EDR), an environmental database search service, to obtain the information regarding public water supply wells and aquifer protection areas in the vicinity of the subject site. No public water supply wells or systems are located within a one-half-mile radius of the subject site; however, a public water supply system associated with Franklin Water Department Well #2 is located just over one-half-mile to the southeast of the subject site, at Beaver Pond (see Appendix D). This area is classified as Zone II (aquifer protection area). Based on the inferred groundwater flow direction, it is unlikely that any releases that may have occurred at the subject site would have an adverse impact on groundwater quality within the aquifer protection area.

Several United States Geological Survey (USGS) wells are also situated near Beaver Pond, as well as within a one-half-mile radius of the subject site. USGS wells within a one-half-mile radius of the subject site are listed in the table below.

Well	Distance/Direction from Subject Site
USGS 3319020	~ 0.1 miles/East
USGS 3319051	~ 0.15 miles/North
USGS 3319013	~ 0.15 miles/East-southeast
USGS 3319068	~ 0.45 miles/Northwest
USGS 3319084	~ 0.5 miles/North-northwest

Mine Brook, which flows through the southern portion of the subject site and forms the western site boundary, is reportedly a source of drinking water for the Town of Franklin (IES, 1991); however, no mapping was found during our ESA to confirm this.

2.3 Previous Environmental Investigations

Portions of four reports summarizing environmental investigations previously conducted on the subject site and on the parcel adjacent to the south were reviewed and are discussed below.

January 1990

In January 1990, IES completed a report of a Chapter 21E Site Evaluation of 87 Grove Street for Home National Bank of Milford, Massachusetts. Portions of the report were available for review at the Franklin Health Department. A copy of the available portion of the report is provided in Appendix E.

The IES investigation included the drilling of soil borings and the collection and analyses of soil and groundwater samples on the subject site and on the parcel adjacent to the south of Lot 27 (Lot 28). Note that the map and parcel numbers have changed since the IES investigation, as summarized in the table below.

Previous		Current		Comments
Map	Lot	Map	Lot	
72	5	276	22	Subject site
72	6	276	27	Subject site
72	7	276	26	Adjacent south

Site use: According to the IES report, the building on Lot 22 was used for vehicle maintenance at the time of their investigation, and the other buildings were being vacated, having most recently been used for jewelry manufacturing.

Water and sanitary services: The report stated that the site was served by municipal water and by an on-site septic system. IES did not show the location of the septic system; therefore, we could not determine whether one system served all three parcels being investigated or on which parcel the septic system was situated. However, a May 2, 2003 letter to the Franklin Board of Health and Building Commissioner from the Department of Public Works (DPW) states that a septic system was located on Lot 26 (a.k.a. 78 Grove Street), adjacent to the south of the site, and recommended connection to the municipal sanitary sewer system prior to the reoccupation of the building.

Heating: According to IES, both buildings on the subject site (Lots 22 and 27) were heated using steam generated by oil stored in a 5,000-gallon tank situated in a bunker on the west side of the Lot 27 building. Vent and fill pipes and likely an access way for the bunker were observed in this area during our current investigation. A 275-gallon above-ground storage tank (AST) of unknown use was also observed in this area by both IES and Fuss & O'Neill.

Hazardous material storage: IES observed numerous drums north of the Lot 22 garage and throughout the interior of the Lot 27 building. Labels on the drums indicated that materials used and stored on the subject site included chlorinated solvents (1,1,1-trichloroethane), methyl ethyl ketone, chromic acid, paints, paint thinners/strippers, potassium cyanide, lubricating oils, liquid nickel sulfate and nickel chloride. It is unclear if IES observed these drums on the subject site or on the parcel adjacent to the north.

Sampling: IES collected soil and/or groundwater samples from five borings (B-1 through B-5) drilled on the three parcels. A figure provided by IES shows the approximate boring locations; however because the figure was schematic and not to scale, the precise boring locations could not be determined.

Two of the borings (B-1 and B-2) were drilled adjacent to underground storage tanks located on Lot 26. Borings B-3 and B-5 were situated on the north side of the Lot 27 building, and boring B-4 was advanced in the exterior "barrel area" north of the Lot 22 garage. Field screening indicated the presence of trace concentrations of volatile organic compounds (VOCs) in the soil at borings B-4 and B-5; therefore, soil from the two borings from a depth of approximately five feet below grade was composited into one sample, which was analyzed for VOCs. No VOCs were detected. Groundwater was not encountered at these two boring locations.

Groundwater samples collected from borings B-1 and B-2 were also analyzed for VOCs, which were not detected. No information regarding sample analysis for soil or groundwater collected from boring B-3 was reported; therefore, we infer that no samples were analyzed because field screening did not indicate the presence of VOCs.

IES concluded that no releases of hazardous materials or petroleum products had occurred at the site; however, it is Fuss & O'Neill's opinion that the IES investigation was not adequate to definitively rule out on-site releases. The use and storage of hazardous substances and petroleum products associated with site operations is considered an REC.

July 1991

In July 1991, IES collected soil samples from four additional borings (B-1A through B-4A) to assess whether releases associated with underground storage tanks (USTs) had occurred. As with the 1990 investigation, only portions of the July 24, 1991 were available for review at the Franklin Health Department. A copy of the report was also available at the Franklin Fire Department, but copies could not be made. A figure depicting the boring locations was not included with the report.

Soil generally consisted of fill containing loam, sand, gravel, and, in some cases, brick and cinders. Fill materials were observed to depths of up to 8.5 feet below grade. Deeper soil consisted of very dense, fine-grained sand, silt, and gravel. Groundwater was encountered at depths of approximately 8.5 to 9 feet. Monitoring wells were installed within the borings to allow for the collection of groundwater samples.

IES identified releases of chlorinated solvents to soil and groundwater at boring location B-4A, which was situated downgradient of USTs at the site and north of Mine Brook. Based on the vertical distribution of VOCs in soil, IES inferred that the presence of VOCs was the result of a surface release. The concentrations of two VOCs detected in groundwater (tetrachloroethene at 284 micrograms per liter (ug/L) and trichloroethene at 301 ug/L) exceeded the Massachusetts drinking water standards.

IES recommended further investigation to evaluate the extent of the releases. In addition, it was recommended that an abandoned 2,000-gallon gasoline UST and a 1,000-gallon heating oil UST be removed, and that the 5,000-gallon heating oil tank be cleaned and properly abandoned in place. No figures were available showing the locations of the tanks; however, based on the January 1990 report, we infer that the 5,000-gallon tank is situated inside the bunker on the west side of the Lot 27 building and the 1,000-gallon and 2,000-gallon USTs were located on Lot 26 (south of the subject site).

May 2006

Fuss & O'Neill submitted a Phase I Environmental Assessment to the Environmental Protection Agency (EPA) in May 2006 for the subject site (Los 22 and 27). Two apparent vent pipes and fill pipes were observed in the bunker area on the west side of the Lot 27 building, which was the area that reportedly contained a 5,000-gallon heating oil UST. The presence of the pipes suggested that at least one tank was still present on the site. Staining was also

observed around the fill pipes indicating that a surface spill had occurred. A 275-gallon AST was observed adjacent to the fill pipes. The tank did not appear to be connected to any structures and may have stored waste liquids. No evidence to suggest the presence of aboveground or underground storage tanks was observed on Lot 22. A tunnel containing water was observed to be constructed beneath the building on Lot 22 and may have been used for the disposal of liquid wastes. Several 55-gallon drums and debris were observed in the site buildings and on the grounds of both Lot 22 and 27.

Based on the observations detailed above, five RECs were identified. The RECs included:

- the historical use of the site as a manufacturer of textiles and jewelry,
- the presence of underground storage tanks,
- the tunnel containing slow-flowing water constructed under the building on Lot 22,
- the southern portion on Lot 27 which contained a filled pond, and
- releases of chlorinated solvents to soil and groundwater on the parcel that abuts the site to the south (this parcel was owned and operated by the same entities that owned and operated the facilities at the subject site).

November - December 2006

Fuss & O'Neill conducted Phase II ESA field activities at the site during November and December 2006. Field activities included soil, sediment, and groundwater sampling throughout the site to characterize soil and groundwater associated with the environmental concerns identified in the Phase I ESA conducted by Fuss & O'Neill in May 2006. During preparation of this Phase I ESA, the Phase II ESA data validation and evaluation were ongoing. The results of the Phase II field investigations will be documented in a separate report.

3.0 SITE HISTORY

The following sources were used to develop the history of the subject site and, to the extent required by ASTM Practice E 1527-00, the nearby sites:

- Sanborn Fire Insurance Maps: No maps were available for the subject site.

- Aerial photographs for the years 1992, 1997, 2001, and 2005 (available online at http://www.mass.gov/mgis/dwn-imgs.htm).

- Historical topographic maps for the years 1893, 1940, and 1946 (Franklin quadrangle), available on-line from the Documents Department and Data Center of the University of New Hampshire (http://docs.unh.edu/nhtopos/nhtopos.htm)

- Available city street-directory information was provided by Environmental Data Resources for the years 1986, 1991, 1996, 2001, and 2004.

- Files and personnel at the Town of Franklin offices of the Town Clerk, Building Department, Engineering Department, Planning and Zoning Department, Health Department, and Fire Department.

The past uses of the subject site and nearby properties based on the sources listed above are summarized below:

Subject Site:

Historical topographic maps depict a building on both Lot 22 and Lot 27 by 1893. According to files available at the Town of Franklin offices, Unionville Woolen Mills operated on the subject site and on properties adjacent to the north, northeast, south, and southwest, likely since the site was first developed. Town property cards indicate that the current site buildings were originally constructed circa 1900 (Lot 27) and circa 1945 (Lot 22). Several additions appear to have been constructed onto both buildings.

A right-of-way currently located along the eastern boundary of Lot 22 is also known as "Old Grove Street." Grove Street was relocated from the current right-of-way to the east of the subject site in the mid to late 1950s. At that time, the portion of the pond located on the subject site was partially filled and Mine Brook was relocated to flow to the south of the Lot 27 building, as shown in a 1968 Plan of Land prepared for Unionville Woolen Mills, Inc. (provided in Appendix C). The origin of the fill materials could not be determined during our investigation; however, we infer that the area was filled as part of the Grove Street relocation municipal project. The fill area is currently mostly paved for use by commercial businesses occupying Lot 26 (adjacent to the south) for parking.

Mapping available at the Town offices indicated that the Franklin Paint Company occupied the subject site and the parcel adjacent to the south at some point in the past, possibly in the 1950s. A 1956 plan prepared for the Franklin Paint Company depicts a dam on the south-central portion of Lot 27, at the eastern end of the reservoir (see Appendix C). Until the early 1960s, the western end of Mine Brook Reservoir covered the eastern portion of Lot 27. The reservoir is referred to as a pond in subsequent mapping, which shows the pond partially beneath the Lot 27 building.

Carol and Richard Armstrong purchased the subject site in 1969 and used the property for jewelry manufacturing until the late 1980s under the names Nu-Style Company, Inc. and Image Jewelry. An elevated passageway (a covered pedestrian bridge) was constructed over Mill Brook circa 1969/1970. This bridge joined the Lot 27 building to the building located on Lot 26, adjacent to the south of the subject site. This bridge has since been demolished.

A 1975 plan for a proposed addition to the Lot 27 building indicates that this building was a manufacturing plant and the Lot 22 building was a garage. In 1978 the subject site was first listed in the Town Clerk's database for on-site storage of hazardous materials and USTs located on the property. The Lot 22 building was most recently used by a construction company for vehicular repair until it was vacated in 1989 (IES, 1990). Operations on both site parcels ceased in late 1989. USTs were removed from the subject site in 1990 according to records maintained at the Town Clerk's office. The tanks included one 5,000-gallon, two 2,000-gallon, and one 1,000-gallon USTs.

Aerial photographs from 1997 depicted the site buildings on Lots 22 and 27 and a covered pedestrian bridge over Mine Brook, connecting Lot 27 to the abutting parcel to the south (Lot 26). Vegetation was observed in the area immediately associated with Mine Brook in the 1997 orthophotograph. In 2001, Grove Street Towing and Tire operated out of the garage adjacent to the site building. In the 2005 aerial photograph, the pedestrian bridge connecting Lot 27 and Lot 26 was not observed and the area on the south side of Mine Brook on Lot 27 was paved. Two additional truck-sized structures were present along the west and northeast sides of the building on Lot 27 in the 2005 orthophotograph. These structures were not observed during the site inspection.

A detailed record of ownership for the subject site was not readily available at the Town of Franklin Tax Assessor's office. It was determined from an outdated property card that Unionville Woolen Mills, Inc. owned the subject site from January 1962, or some date prior, until May 1969, upon which the subject site was sold to Richard and Carol Armstrong. Ownership of the site prior to 1962 was not readily determined.

Nearby Properties:

By 1940, a small building or shed had been constructed to the north of the subject site, the current Lot 26 building was constructed south of the subject site, and another structure was built adjacent to the west of Lot 26. These buildings, along with those on the subject site and across the current Grove Street to the east (as well as those further north), were part of the Unionville Woolen Mills complex.

North: The property abutting the subject site to the north (15 Grove Street) was owned by the O'Connor family and contained a small building in the 1950s. Land beyond the railroad tracks that form this lot's property boundary was owned by Unionville Woolen Mills. The 15 Grove Street parcel is currently undeveloped, except for a large two-bay maintenance garage that was constructed onto the northern end of the Lot 22 site building in 1960.

South: As mentioned previously, the building on Lot 26 was connected via a pedestrian bridge over Mill Brook circa 1969. Nu-Style owned this building as well as the subject site. Mapping on file at the Building Department indicates that this building was used as office space in 1975. The building was recently remodeled (2004-2005) and currently contains commercial businesses, including a moving and storage company, a realtor, and other offices. As discussed above in Section 2.3, sampling conducted on this property revealed the presence of chlorinated solvents in soil and groundwater, particularly on the northern portion of the site. Due to its proximity to the subject site, there is the potential for releases that occur on this property to have an adverse impact on groundwater quality at the subject site. A storage shed is situated west of Lot 26.

West: Land across Mine Brook to the west of the subject site contained undeveloped woodlands and a house. The residence was visible in the 1997 aerial photograph.

East: An industrial/commercial building is situated across Grove Street (at 20 Grove Street) to the northeast of the subject site. According to Town files, this building was constructed circa 1885 and was part of the Unionville Woolen Mills/Franklin Paint Company complex, at least

through the 1950s. The building is currently occupied by commercial businesses and contractors.

Mine Brook forms the southern property boundary of the 20 Grove Street parcel. Undeveloped woodlands associated with Franklin State Forest occupy the land to the south of Mine Brook, across Grove Street to the east and southeast of the subject site.

4.0 FEDERAL, STATE, AND LOCAL FILE REVIEW

Files of Federal, State and local agencies were reviewed for environmentally-related issues pertinent to the subject site and nearby parcels, such as permits, inspection reports, enforcement history or documented releases of hazardous materials. The sources of information listed in the following table were researched to identify properties of concern within distances of the subject site specified by ASTM Practice E 1527-05.

Information Source*	Search Distance
Federal Files	
National Priorities List (NPL)	1 mile
Proposed NPL Sites	1 mile
Delisted NPL Sites	1 mile
NPL Recovery	Target property
Hazardous Materials Information Reporting System	Target property
Resource Conservation and Recovery Act (RCRA) CORRACTS list (RCRA Site Subject to Corrective Action)	1 mile
Resource Conservation and Recovery Act (RCRA) Treatment, Storage or Disposal Facility (TSDF) List	0.5 mile
Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) List, including no further remedial action planned (NFRAP) sites	0.5 mile
RCRA generators list	0.25 mile
Federal Institutional / Engineered Control List	0.5 mile
Department of Defense Sites	1 mile
Formerly Used Defense Sites	1 mile
US Brownfields list	0.5 mile
Superfund Consent Decrees	1 mile
Federal Records of Decision	1 mile
Uranium Mill Tailings Sites	0.5 mile
Open Dump Inventory	0.5 mile
Toxic Chemical Release Inventory System	Target property
Toxic Substances Control Act (manufacturers/importers of chemical substances) and associated tracking databases	Target property
Integrated Compliance Information System	Target property

Information Source*	Search Distance
PCB Activity Database	Target property
Emergency Response and Notification List (ERNS) list	Target property
Material License Tracking System for radioactive material	Target property
Mines Master Index File, including all mines active or opened since 1971	0.25 mile
Facility Index System	Target property
RCRA Administrative Action Tracking System	Target property
State Files	
Hazardous waste site list (State sites equivalent to NPL)	1 mile
Hazardous waste site list (State sites equivalent to CERCLIS)	1 mile
Landfill and solid waste site list	0.5 mile
Registered Aboveground Storage Tank (AST) list	0.25 mile
Leaking Aboveground Storage Tank (LAST) list	0.5 mile
Registered Underground Storage Tank (UST) list	0.25 mile
Leaking Underground Storage Tank (LUST) list	0.5 mile
Historical oil & chemical spills database (MA Spills)	Target property
Reportable Release database	1 mile
State Institutional Controls (Sites with Activity and Use Limitations [AULs])	0.5 mile
Regulated Drycleaning Facilities	0.25 mile
Enforcement Action Cases	Target Property
Lead Inspections Database	Target property

*Fuss & O'Neill used the following environmental database search services to obtain the information referenced in the above table: Environmental Data Resources (EDR). EDR provided access to publicly available environmental databases maintained by various Federal, State, and local agencies. A copy of the information provided by EDR and relative to the subject site and nearby properties is included in Appendix D. The listed information sources are defined and described in detail in the EDR reports.

4.1 Summary of Regulatory Database Information

Subject Site

The environmental databases provide the following information for the subject site:

CERCLIS: Nu-Style is listed as a CERCLIS site, with no further remedial action proposed by the USEPA. The USEPA removed hazardous materials from the site in November 1992 and stated that no site assessment work was necessary.

RCRA Generator: The subject site was a listed as a Resource Conservation and Recovery Act (RCRA) Small Quantity Generator of Hazardous Waste, generating up to 1,000 kilograms of hazardous waste per month. The nature of the wastes generated at the site was not listed in the

database; however, as discussed in Section 2.3, previous environmental investigations conducted at the subject site list materials such as chlorinated solvents, potassium cyanide, chromic acid, and lubricating oil as having been stored on the subject site.

In October 1986, Franklin Pumping Service, Inc. transported materials to the United Waste Oil Company, Inc. facility in Connecticut. The type and quantity of material removed from the subject site were not documented.

In December 1989, 15 gallons of rodium solution were transported by G&R to a G&R facility in Massachusetts and 360 gallons of cyanide were transported by Advanced Chemistry to an Advanced Chemistry facility in Massachusetts.

Nearby Properties

Based on its proximity to the subject site, releases at the site discussed below have the potential to adversely impact the subject site.

Rte. 140 & Rte. 495 Relocation/Roadway Project: The Massachusetts Department of Environmental Protection (MADEP) received notice in May 2005 of releases containing petroleum product, chromium, and lead located at the intersection of Route 140 (West Central Street) and Route 495 (Grove Street). The database reports that abatement was conducted, a completion statement was received, and a permanent solution was achieved; however, some contamination remains. A Class A2 Response Action Outcome (RAO) was documented at the property, indicating that a permanent solution was achieved but that contamination was not reduced to background.

The property is situated approximately 1,000 feet sidegradient (northwest) of the subject site. The potential exists for contaminants located at this property to migrate to and adversely affect the quality of environmental media at the subject site. However, environmental impacts to the subject site resulting from releases at off-property locations may not be the responsibility of the owner of the subject site solely due to ownership.

210 Grove Street: The MADEP received notice in January 1994 of an undocumented chemical and quantity. A Class A1 RAO was documented at the property, indicating that a permanent solution was achieved and that contamination was reduced to background or a threat of release was eliminated. A spill of petroleum was also documented at the property. The date and quantity of the release was not reported. The environmental media impacted was soil and the source of the release was a vehicle fuel tank. Remediation activities were not reported at the property as a result of this release.

The property is located approximately one-quarter mile southeast of the subject site across Mine Brook. The property is inferred to be downgradient of the subject site and therefore it is unlikely that releases at the property have adversely affected the quality of environmental media at the subject site.

4.2 MADEP File Review

A MADEP file review was not conducted as part of our records review. A MADEP file review was conducted in April 2006 and the findings were summarized in Section 4.2 of the Phase I ESA prepared by Fuss & O'Neill in May 2006. The regulatory status of the subject site has not changed in the interim.

4.3 Local File Review

Files and personnel at the Town of Franklin offices of the Town Clerk, Tax Assessor, Building Department, Planning and Zoning Department, Health Department, and Fire Department were queried regarding environmental concerns at the subject site and surrounding sites. In addition to information discussed in previous sections of this ESA, the documents discussed below were available for review in Town files. Note that Nu-Style operated both on the subject site's two parcels and on the property adjacent to the south, and investigations conducted by IES included all three parcels in its investigations; therefore, we infer that the Nu-Style site discussed in Town files includes Lot 26 to the south, as well as the subject site.

- *Photographs:* Undated photographs on file at the Fire Department showed numerous containers with capacities of 5 to 55 gallons inside the site building. In addition, vats, some containing a dark-colored liquid and others with blue-green staining were shown. Labels or markings on the containers indicate that they stored flammable liquids, liquid nickel sulfate, degreasers, fluorocarbon solvents, and resins.

- *October 1, 1986, Letter from the Town of Franklin to Mr. Richard Armstrong.* This letter requested that the property owner, Mr. Armstrong, register the USTs that were located on his property.

- *December 21, 1989 – Letter from Town of Franklin Board of Health to IES.* This letter stated that as of December 18, 1989 records in the Board of Health Office dating back to 1979 contained no documented incidents or complaints concerning hazardous material or oil spills at the subject site.

- *February 23, 1990 – Letter from Town of Franklin Board of Health to Richard and Carol Armstrong*: This letter ordered the Armstrongs, as owners of the subject site, to remove and dispose of the debris at the site. Photographs attached to the letter show a large amount of debris, including numerous drums, outside of the site buildings (see Appendix C).

- *July 17, 1991* – Quotation and Scope of Work from Goldberg Energy Management to IES. This document proposed disposal of liquids and sludges and removal of one 5,000-gallon, one 2,000-gallon, and one 1,000-gallon No. 2 heating oil tanks, and one 2,000-gallon gasoline tank in addition to the abandonment of one 5,000-gallon No. 2 heating oil tank by filling with concrete slurry.

- *January 13 (no year) – Handwritten note:* The Nu-Style site contained one 5,000-gallon and three 2,000-gallon Number 2 heating oil tanks, with 55 to 220 gallons of heating oil inside each.

- *January 14, 1992 – Memorandum from the Town Administrator to the Town Council:* This memorandum states that the USEPA had inspected the subject site and would likely remove the hazardous materials abandoned on the property at the end of January 1992.

- *January 17, 1992 – Memorandum from the USEPA to the Regional Coordinator:* This memorandum documented removal activities at the subject site proposed as a result of an EPA inspection conducted on January 8, 1992. The inspection revealed the presence of full and partially full labeled drums and containers as well as drums and containers with undocumented material. The inspection also included the observation of seven process tanks in the former plating department which contained undocumented liquids and/or sludges. Some of the chemicals identified at the subject site included: sodium cyanide, chromic acid, potassium cyanide, perchloroethylene (tetrachloroethylene), zinc cyanide, nickel sulfate, and copper cyanide. It was recommended in the memorandum that all wastes be removed and disposed of off-site.

- *January 20, 1992 – Letter from Fire Chief Malloy (recipient unknown)*: According to this letter, Nu-Style operated at the site until late 1984. The owners removed equipment from the property over the next year. Ownership of the property transferred from Richard Armstrong to a bank in 1991, when the Armstrongs declared bankruptcy. The bank closed around the same time, and the property defaulted to FDIC, who asserted later in a letter that they had no claim to the site. The Franklin fire chief found chemicals when inspecting the site and subsequently contacted the MADEP, who concluded that Mr. Armstrong was the generator of the waste observed by the fire chief.

- *February 7, 1992 – Notice Letter from the USEPA to Mr. and Mrs. Armstrong:* This letter notified the Armstrongs, as the previous owners of the subject site, of potential liability regarding the presence of hazardous materials at the Nu-Style Company. Hazardous substances were found on-site in previous investigations that posed an imminent and substantial endangerment to public health, welfare, or the environment. Recommended response actions included appropriate removal of hazardous materials and soil sampling in the area immediately outside the building. The USEPA urged the Armstrongs to voluntarily perform or finance the removal activities.

- *March 26, 1992 – Removal Action Administrative Record File from Roy F. Weston, Inc. to USEPA:* This file cited site specific documents and additional guidance documents used in removal action at the subject site. Action included staging, sampling, and inventorying all drums and waste containers, appropriate off-site disposal of these containers, and soil sampling. This document contained the inspection information summarized in the January 17, 1992 memorandum from the USEPA. Additional details about on-site tanks included the description of one 500-gallon heating oil AST, two 1,000-gallon and one 5,000-gallon USTs possibly containing No. 2 fuel oil and gasoline. One labeled drum of asbestos was also found in the basement and boilers and pipe wrap were documented to contain possible asbestos material. Piles of powder and

sludge were also observed in the building. The type of material contained within the piles was not identified.

- *April 7, 1992 – Memorandum from the Town Administrator to the Town Council:* This memo stated that the USEPA had completed its clean-up and environmental testing of the former Nu-Style site. Materials were placed in labeled drums and were to be shipped as hazardous waste. A heating oil tank remained at the site.

- *May 22, 1992 – Memorandum from Fire Chief Malloy to the Town Administrator (Wolfgang Bauer):* This memo states that product was pumped from the tanks on the Nu-Style site on May 22, 1992.

- *Letter from Gary Lipson of the USEPA to Franklin Fire Chief Malloy (follow-up to November 16, 1992 conversation:* According this letter, the USEPA removal action had been completed at the site. The last phase of this action included the removal of approximately 15 tons of soil and brick debris contaminated with metals. The surface materials remaining were covered with an inch of rip-rap to inhibit contact. The letter stated that the removal action met the criteria of the National Contingency Plan and recommended that an industrial hygienist inspect the building prior to reoccupation due to the possible presence of residual contaminants in building components.

- *November 3, 2005 Building Inspection Report, prepared by Franklin Building Commissioner David Roche:* This inspection report summarized the poor, dilapidated condition of the site buildings and suggests that heating units or furnaces located in the basement of one building may have been used for foundry operations. The report also indicated the possible presence of lead-based paint and recommended testing by an abatement company and building demolition.

5.0 USER-PROVIDED INFORMATION

ASTM Practice E 1527-05 describes certain tasks to be performed by the user of this assessment that will help to identify RECs at the parcel if they exist. As part of our agreement to conduct this work, we provided Mr. Jeffery Nutting, Franklin Town Administrator, with a User Questionnaire. A copy of this questionnaire and responses is provided in Appendix G.

The responses to this questionnaire were used to address the items in the subsections below.

5.1 Record of Environmental Liens of Activity and Use Limitations

Chain of title and title restriction records filed under federal, tribal, state or local law contain records of environmental liens or activity and use limitations (AULs).

A chain of title search was conducted in October 2006. The ownership status of the property has not changed in the interim.

5.2 Specialized Knowledge or Experience of the User

Mr. Nutting reported that he has no specialized knowledge with respect to the subject site or activities conducted at the subject site, because the present owner is a municipality, which had recently acquired the property through tax title foreclosure.

5.3 Commonly Known or Reasonably Ascertainable Knowledge

Mr. Nutting reported that he was aware of the following commonly known or reasonably ascertainable knowledge:

- Past uses of the subject site included a jewelry plating facility, and
- A Phase II environmental assessment for chemical testing was underway.

5.4 Property Valuation, Reduction for Environmental Issues

Mr. Nutting reported any adjustment from fair market value to the potential purchase price of the subject site due to the potential presence of real or perceived environmental liabilities was not applicable since the town had recently acquired the property through tax title foreclosure.

6.0 SITE RECONNAISSANCE AND INTERVIEWS

6.1 Site Reconnaissance

The site reconnaissance was conducted on December 29, 2006 by Ms. Lisa Kanner of Fuss & O'Neill. The inspection, conducted without a site contact, included the physical observation of the subject site including the buildings and grounds. The site buildings were boarded up and it was not possible and unsafe to inspect the interior of the buildings. In addition, according to Mr. John Emidy, the Town of Franklin Building Inspector, the facility has remained secure since it was last accessed for Fuss & O'Neill's inspection in April 2006. Photographs taken during the site inspection are presented in Appendix G.

The subject site was comprised of two contiguous parcels (Lot 22 and Lot 27), as shown in Figure 2. Lot 22 was approximately 0.23 acres in size and Lot 27, which adjoins Lot 22 to the east, was approximately 0.97 acres in size. A building was present on each parcel.

Lot 22

Building Exterior

The building was a one-story, wood-frame, dilapidated structure with a partial basement and small attic. This structure had a footprint of approximately 4,034 square feet and occupied the majority of the parcel. The building generally occupied the site from the southern to the northern parcel boundary and was reportedly heated using steam generated by the Lot 27 building (IES, 1990). No boilers, furnaces, or evidence of above-ground or underground tanks (such as vent or fill pipes) were observed on Lot 22. A two-bay garage constructed to the

northern end of this site building was located on the parcel north of the subject site (15 Grove Street, Lot 28) and was not included in our site assessment.

Grounds

The grounds east of the Lot 22 building consisted of a right-of-way that was covered by deteriorated asphalt and mapped as Old Grove Street. The asphalt was cracked and deteriorated. No staining was observed in this area.

Mine Brook flowed east to west along the southern property boundary and south to north along the western property boundary. Thick vegetation containing brush and trees grew between the brook and the western wall of the northern portion of the building. The grounds of Lot 22 contained a small amount of debris consisting of wooden and metal items that appeared to have fallen from the building itself. No staining or other evidence of a release was observed on the grounds of this parcel. An approximately 1.5-foot-diameter, three-inch-thick, horizontal, semi-circular piece of concrete was observed in the ground against the outside western wall of the basement. The purpose of this concrete is unknown. The concrete block was potentially associated with the tunnel that ran beneath the building. A polyvinyl chloride (PVC) pipe was observed in the ground located to the west of the building oriented toward Mine Brook. No water or other materials were coming out from the pipe at the time of inspection and the purpose of the pipe could not be determined.

Lot 27

Building Exterior

Historical topographic mapping depicted a building on this parcel by 1885, and Town files confirmed that the original portion of the current Lot 27 building was constructed circa 1900. As with the Lot 22 building, this structure was historically occupied by the woolen mills, paint factory, and jewelry manufacturing. The Lot 27 building was formerly Nu-Style's primary jewelry manufacturing facility. The building was a two-story, wood-frame structure with a footprint of approximately 11,806 square feet and a partial basement. Mine Brook flowed from east to west through the central portion of Lot 27, adjacent to the southern building foundation wall. The building occupied the majority of the portion of the parcel north of Mine Brook.

Grounds

The grounds of Lot 27 were generally paved and included a right-of-way covered with deteriorated asphalt that served as the northern portion of Old Grove Street. The portion of the site located south of Mine Brook contained mostly paved parking used by the commercial businesses at 78 Grove Street, which abutted the subject site to the south. This area contained a pond until Mine Brook and Grove Street were realigned circa 1960. The nature and origin of the materials used to fill the area during construction were not known. No documentation as to the quality of the fill material was found during this assessment.

Scrap wood, metal, and tires were observed along the northern and western sides of the building. The northern side of the building contained three loading docks and a fourth

overhead door. The grounds at these shipping/receiving areas appeared to be unpaved. No staining was observed; however, there is the potential for historical releases to have occurred during material handling at these locations.

A covered area was situated on the western side of the Lot 27 building. The bunker for the 5,000-gallon heating oil UST appeared to lie underground beneath the covered area. Scrap metal and three drums were observed nearby during the site inspection. A small amount of water and sludge was observed inside two of the drums. The third drum was full of liquid that likely included rain water, which could enter through holes in the top of the rusted container.

6.2 Additional Site Reconnaissance

In the previous Phase I environmental assessment report, conducted by Fuss & O'Neill at the subject site, a site inspection was performed on April 11, 2006 by Ms. Lori Jagielow of Fuss & O'Neill. Ms. Jagielow was accompanied by Town of Franklin Building Commissioner, Mr. David Roche. The interior of the buildings at the subject site were inspected during this site reconnaissance of Ms. Jagielow and Mr. Roche. The building has been boarded up for the duration of time between the site inspection by Ms. Jagielow and the site inspection by Ms. Kanner, and, thus, it is assumed that the interior of the buildings at the subject site has not changed significantly since the time of inspection by Ms. Jagielow. The portions of the site description documented from the site inspection by Ms. Jagielow in the May 2006 Fuss & O'Neill Phase I are presented below (site tanks and parcels are discussed separately):

Tanks

Both the Lot 22 and Lot 27 buildings were reportedly heated by oil stored in a 5,000-gallon UST located inside a bunker on the western side of the Lot 27 building. Two apparent vent pipes and fill pipes were observed in the bunker area, suggesting that up to two tanks might be present inside the bunker. Staining was observed on the ground in the vicinity of the fill pipes, indicating that a surface release had occurred. A 275-gallon AST was observed adjacent to the fill pipes. The AST did not appear to be connected to any structures and might have been used for the storage of waste liquids. An apparent manway to the bunker's interior was located between the vent pipes, which were against the wall of the building, and the fill pipes, which were located approximately 15 or 20 feet west of the vent pipes. The access manway contained soil and debris at the time of the site inspection. A fill pipe labeled "Kerotest" was observed nearby, suggesting the presence of an additional UST; however, a vent pipe was not observed at this location.

Lot 22

Building Interior

Basement areas had concrete floors and were beneath the western and southern portions of the building. Several new bathtubs and miscellaneous items were present in the basement, which also contained broken glass, newspapers, and cardboard. Two access ways lead to an earthen crawl space beneath the eastern portion of the building. A brick archway revealed an apparent tunnel beneath the building. The tunnel contained water, which was dammed by soil and

flowed slowly through a PVC pipe to the west. Historical mapping suggested that Mine Brook flowed beneath the Lot 27 building. We infer that the brook also flowed through the Lot 22 building via this tunnel. The tunnel could have been used for the disposal of liquid wastes; therefore, it is considered an REC.

The northern portion of the Lot 22 building consisted of a two-bay garage with a concrete floor. Debris consisting of tires and metal and wooden items was present inside the garage. Staining was observed on the concrete floor. A five-gallon container labeled "nickel chloride" and a 55-gallon drum with undocumented contents were observed in a room behind the garage.

The central portion of the first floor was carpeted and appeared to have been used as office space. Deteriorated tin ceilings gave evidence of the building's age. Debris including paper, cardboard, and miscellaneous items was observed here and in other portions of the building. The western portion of the first floor contained benches and cabinets, as well as items that appeared to be molds. Access to the attic was from this area. The attic was used for storage space and contained boxes of items used or distributed by the previous owner, such as cloth belts and costume jewelry. Rubbish was observed throughout the first floor and attic. No hazardous materials or petroleum products were observed.

Lot 27

Building Interior

A basement with a concrete floor was located beneath the southern and western portion of the building. The southwestern corner of the basement housed the boiler room, which was fully occupied by a boiler and a work bench. Another apparent heating unit or furnace and an apparent air compressor were present in a larger room adjacent to the east. A hole in the northern wall of this room possibly provided access to the heating oil tank bunker or a crawl space. Observation of this area was difficult due to limited access and safety concerns.

Rooms located in the northern portion of the basement contained work benches with some small hand tools, shelving, and a caged area. A 55-gallon drum observed inside the caged area was mostly empty and was labeled, "Freon fluorocarbon drying fluid." The remainder of the basement contained rubbish, fluorescent light bulbs, and a small apparent metal vat. A possible vent to the outside was observed on the eastern end of the basement. Staining was observed in several locations on the basement floor.

The portion of the first floor that overlaid the basement had wooden floors. The remainder of the first floor was concrete and was generally in fair condition, with a minor amount of cracking and deterioration. The eastern portion of the building was constructed on piers. As discussed in Section 5.0 of this ESA, this area was located above a pond until Mine Brook and Grove Street were realigned circa 1960. Debris consisting of windows, scrap metal, and wood was observed beneath this portion of the building.

A vat apparently used for acid washing (labeled, "Danger, acid") was present in the southeastern portion of the first floor. Large amounts of debris, including cardboard, rubbish, wood, and metal, was observed throughout all floors of the building. Empty 55-gallon drums

were scattered throughout the first floor. Several empty drums and a gasoline can were observed in the apparent shipping/receiving area. Some staining was visible on the concrete floor; however, the presence of debris limited observations of the floor.

The northwestern portion of the building had collapsed. For safety considerations, a visual inspection was made through a doorway. This area was filled with debris, but no apparent hazardous materials or drums were observed.

The second floor, as with the rest of the building, contained rubbish. Several small paint-spray booths connected to a vent that discharged to the roof were observed. A larger apparent spray booth did not appear to be vented. Bird guano covered the floor.

6.3 Interviews

Owner/Key Site Manager

Fuss & O'Neill forwarded an Owner / Key Site Manager Questionnaire to Mr. Nutting, the Franklin Town Administrator. Copies of the questionnaire and the responses are provided in Appendix G. Mr. Nutting's responses to the questionnaire included the following:

- Mr. Nutting was aware of the existence of out-of-date environmental site assessment reports and risk assessment reports. (Results from previous environmental reports were presented Section 2.3.)
- Mr. Nutting was not aware of any current or past litigation or administrative proceedings relevant to hazardous substances or petroleum products on the property.

A key site manager familiar with the historical day-to-day operations at the site was not available for an interview.

Owner of Nearby Property

Because the subject site was vacant and access to the site was unrestricted, an interview was also conducted with the owner of an adjacent property. Mr. Ralph Delucia was interviewed via telephone by Ms. Kanner of Fuss & O'Neill. Mr. Delucia, who grew up in Franklin, has been the owner, since approximately 2001, of the residential property located on the western bank of Mine Brook adjacent to Lot 22. Information provided by Mr. Delucia is presented below.

Mr. Delucia stated that during Nu-Style's most industrious years the company operated with approximately one hundred workers who assisted in manufacturing chrome, nickel, brass, and lead products. He stated that he was aware that many of the chemicals were stored in the basement which was level with or below the grade of Mine Brook. Mr. Delucia also described he had never observed and was not aware of direct dumping of chemicals into Mine Brook.

Mr. Delucia stated that Grove Street Towing operated out of the garage situated on the northern end of the Lot 22 building and that old automobiles were stored in the back of the building. Operations in the garage changed from towing to construction of marble countertops

approximately one year ago.

Mr. Delucia described that he has not observed trespassing or illegal dumping on either Lot 22 or Lot 27.

6.4 Non-Scope Considerations

No non-scope investigations were performed at the subject site by Fuss & O'Neill for this report, and no such investigations regarding the subject site were identified in available local and MADEP files.

7.0 DATA GAPS, FINDINGS AND CONCLUSIONS

7.1 Data Gaps:

Standard Practice E 1527-05 requires the identification and evaluation of data gaps, which are defined as a lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information.

No significant data gaps were identified during the completion of this investigation.

7.2 Findings and Conclusions

Fuss & O'Neill, Inc. prepared this Phase I ESA report in general conformance with the scope and limitations of ASTM Practice E 1527-05. Any exceptions to, or deletions from, this practice are described in Appendix A of this report. This assessment has revealed the following RECs associated with the subject site:

- The subject site has a long history (at least 90 years) of manufacturing, including textiles and jewelry. Materials used and stored at the site associated with jewelry manufacturing included cyanides, metals, chlorinated solvents, and petroleum products. Additional substances associated with textile manufacturing were also likely used. There is the potential for surface releases to have occurred associated with the use and storage of these materials. Files indicated that numerous drums of hazardous waste and petroleum products were situated outside of the site buildings.

- At least one UST appeared to be present on the western side of the Lot 27 building. In addition, a 5,000-gallon heating oil tank reportedly existed in an underground bunker on the same side of the building. As with any underground tank, there is the potential for historic releases, associated with leaks or spills, to have occurred and adversely affect the quality of environmental media at the subject site.

- A small tunnel containing slow-flowing water was present beneath the Lot 22 building. A review of mapping on file at the Town Building Department suggested that the tunnel runs, or ran in the past, from Mine Brook and beneath the Lot 27 building to the Lot 22 building. There is the potential that the tunnel was used by the former woolen

mill for direct waste disposal to Mine Brook prior to the realignment of the brook in the 1960s.

- Releases of chlorinated solvents to soil and groundwater were identified on Lot 26, which abuts the subject site to the south. Due to the proximity of this property to the subject site, there is the potential for releases that occurred on this property to adversely affect groundwater quality at the subject site. Note that this property was owned and occupied by the same entities that owned and operated the facilities at the subject site; therefore, there is the potential that similar releases have occurred at the subject site.

- The southern portion of the site contained a pond that was filled circa 1960. The fill appeared to have been placed by a municipality. The nature and origin of the fill were not documented.

In addition, debris was observed on the site. This debris should be removed, and if any evidence of a release (including staining, stressed or dead vegetation, or odors) is found, soil sampling is recommended.

Although not part of the scope of this Phase I ESA, we identified the potential for the building to contain lead (paint/plumbing) and asbestos due to the age of the building (constructed prior to 1978). These items would likely present little environmental risk to the grounds of the site; however, these items may be future liabilities during construction, renovation, or demolition projects.

Fuss & O'Neill has followed the guidelines described in ASTM E 1527-05 to identify the RECs at this site in a manner consistent with standard practice in the industry. However, as indicated in the ASTM standard, "No environmental site assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a property, and the practice recognizes reasonable limits of time and cost."

Unless otherwise stated in this report, assessments for asbestos containing materials, lead-based paint or plumbing materials, radon gas, and mold were not conducted. Furthermore, we did not investigate the potential for the site to contain wetlands, endangered species, ecological resources or historic/cultural resources. These items would likely present little risk to subsurface conditions and would not result in the identification of RECs; however, they could be liabilities especially during construction, renovation, or demolition projects. Additionally, environmental compliance or permitting issues were not considered during this investigation.

8.0 REFERENCES

American Society for Testing and Materials, 2005, Standard Practice for Environmental Site Assessments; Phase I Environmental Site Assessment Process: ASTM Practice E 1527-05.

Fuss & O'Neill, Inc., 2006. Phase I Environmental Site Assessment, Former Nu-Style Company, Inc. Facility, 87 Grove Street (Lots 22 & 27), Franklin, MA, May 2006.

Haley & Aldrich, 2005. Response Action Report for the Route 140/I-495 Relocation Project, April 2005.

IES, Inc., 1990. Chapter 21-E Site Evaluation, 87 Grove Street, Franklin, MA. January 17, 1990.

IES, Inc., 1991. Test Borings and Analysis, 87 Grove Street, Franklin, MA. July 24, 1991.

MassGIS, 2005. Massachusetts Geographic Information System, available on-line at http://maps.massgis.state.ma.us/massgis_viewer/index.htm, updated June 8, 2005.

USDA, 2003. United States Department of Agriculture, Natural Resources Conservation Services Soil Survey Geographic (SSURGO) Data Base, updated 2003.

United States Geological Survey, 1987. Franklin Quadrangle Massachusetts-Rhode Island, 7.5-Minute Series Topographic Map; United States Department of the Interior, U.S. Geological Survey, 1987.

Zen, Ean, 1983. Bedrock Geologic Map of Massachusetts; United State Department of the Interior, U.S. Geological Survey, in cooperation with the Commonwealth of Massachusetts Department of Public Works and Joseph A. Sinnot, State Geologist.

9.0 LIMITATIONS OF WORK PRODUCT

Those who may use or rely upon the report and the services (hereafter "work product") performed by Fuss & O'Neill, Inc. and/or its subsidiaries or independent professional associates, subconsultants and subcontractors (collectively the "Consultant") expressly accept the work product upon the following specific conditions.

1. Consultant represents that it prepared the work product in accordance with the professional and industry standards prevailing at the time such services were rendered.

2. The work product may contain information that is time sensitive. The work product was prepared by Consultant subject to the particular scope limitations, budgetary and time constraints and business objectives of the Client which are detailed therein or in the contract between Consultant and Client. Changes in use, tenants, work practices, storage, Federal, state or local laws, rules or regulations may affect the work product.

3. The observations described and upon which the work product was based were made under the conditions stated therein. Any conclusions presented in the work product were based solely upon the services described therein, and not on scientific or engineering tasks or procedures beyond the scope of described services.

4. In preparing its work product, Consultant may have relied on certain information provided by state and local officials and information and representations made by other parties referenced therein, and on information contained in the files of state and/or local agencies made available at the time of the project. To the extent that such files which may affect the conclusions of the work product are missing, incomplete, inaccurate or not provided, Consultant is not responsible. Although there may have been some degree of overlap in the information provided by these various sources, Consultant did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this project. Consultant assumes no responsibility or liability to discover or determine any defects in such information which could result in failure to identify contamination or other defect in, at or near the site. Unless specifically stated in the work product, Consultant assumes no responsibility or liability for the accuracy of drawings and reports obtained, received or reviewed.

5. If the purpose of this project was to assess the physical characteristics of the subject site with respect to the presence in the environment of hazardous substances, waste or petroleum and chemical products and wastes as defined in the work product, unless otherwise noted, no specific attempt was made to check the compliance of present or past owners or operators of the subject site with Federal, state, or local laws and regulations, environmental or otherwise.

6. If water level readings have been made, these observations were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in water levels may occur due to variations in rainfall, passage of time and other factors and such fluctuations may effect the conclusions and recommendations presented herein.

7. Except as noted in the work product, no quantitative laboratory testing was performed as part of the project. Where such analyses have been conducted by an outside laboratory, Consultant has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these tests.

8. If the conclusions and recommendations contained in the work product are based, in part, upon various types of chemical data, then the conclusions and recommendations are contingent upon the

validity of such data. These data (if obtained) have been reviewed and interpretations made by Consultant. If indicated in the work product, some of these data may be preliminary or screening-level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time and other factors.

9. Chemical analyses may have been performed for specific parameters during the course of this project, as described in the work product. However, it should be noted that additional chemical constituents not included in the analyses conducted for the project may be present in soil, groundwater, surface water, sediments or building materials at the subject site.

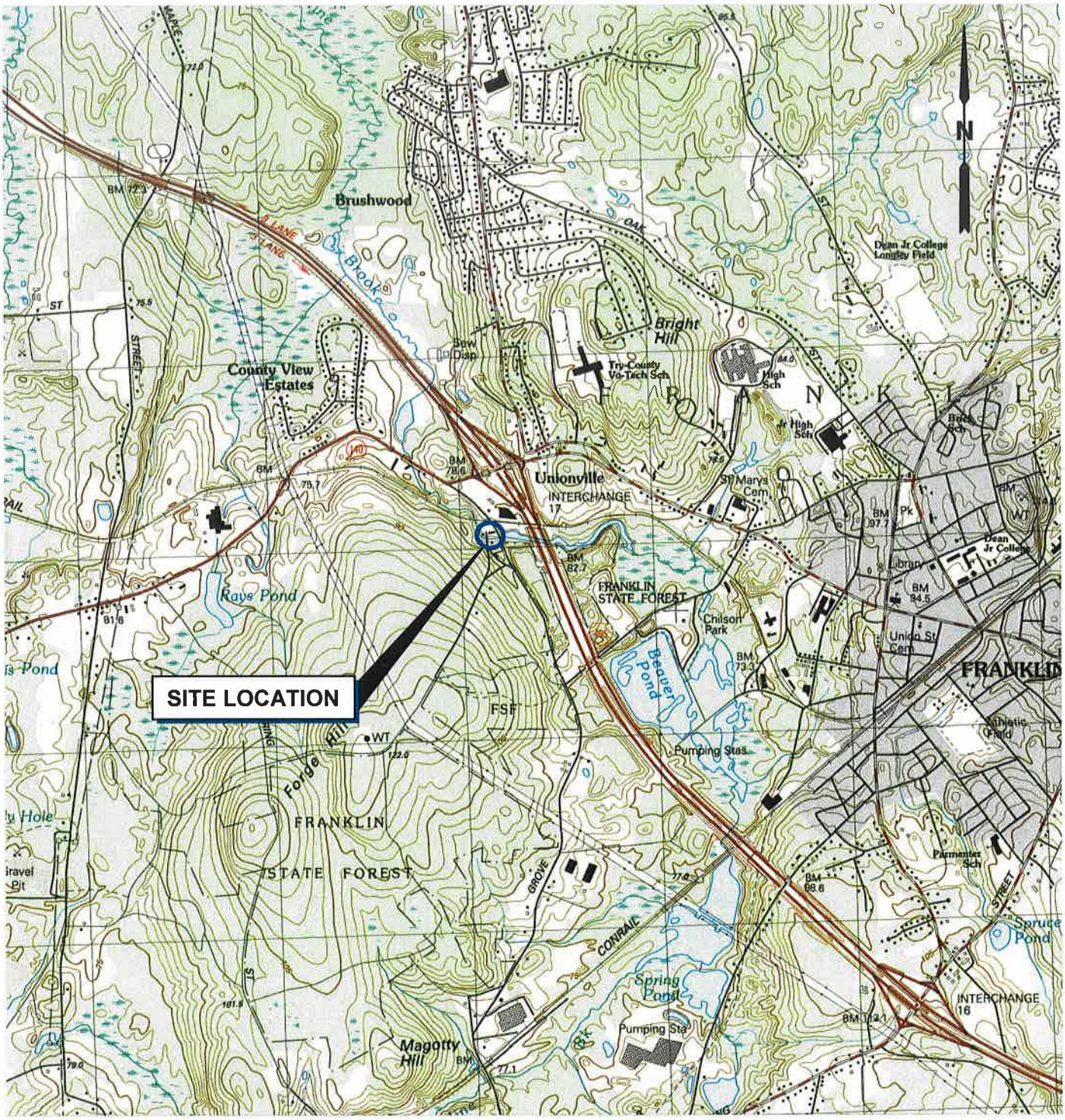
10. Ownership and property interests of all documents, including reports, electronic media, drawings and specifications, prepared or furnished by Consultant pursuant to this project are subject to the terms and conditions specified in the contract between the Consultant and Client, whether or not the project is completed.

11. Unless otherwise specifically noted in the work product or a requirement of the contract between the Consultant and Client, any reuse, modification or disbursement of documents to third parties will be at the sole risk of the third party and without liability or legal exposure to Consultant.

12. In the event that any questions arise with respect to the scope or meaning of Consultant's work product, immediately contact Consultant for clarification, explanation or to update the work product. In addition, Consultant has the right to verify, at the party's expense, the accuracy of the information contained in the work product, as deemed necessary by Consultant, based upon the passage of time or other material change in conditions since conducting the work.

13. Any use of or reliance on the work product shall constitute acceptance of the terms hereof.

FIGURES



MAP REFERENCE:
THIS MAP WAS PREPARED FROM THE FOLLOWING
7.5 MINUTE SERIES TOPOGRAPHIC MAP:
FRANKLIN, MASSACHUSETTS-RHODE ISLAND, 1987

0 1000 2000'
GRAPHIC SCALE
SCALE: 1"=2000'

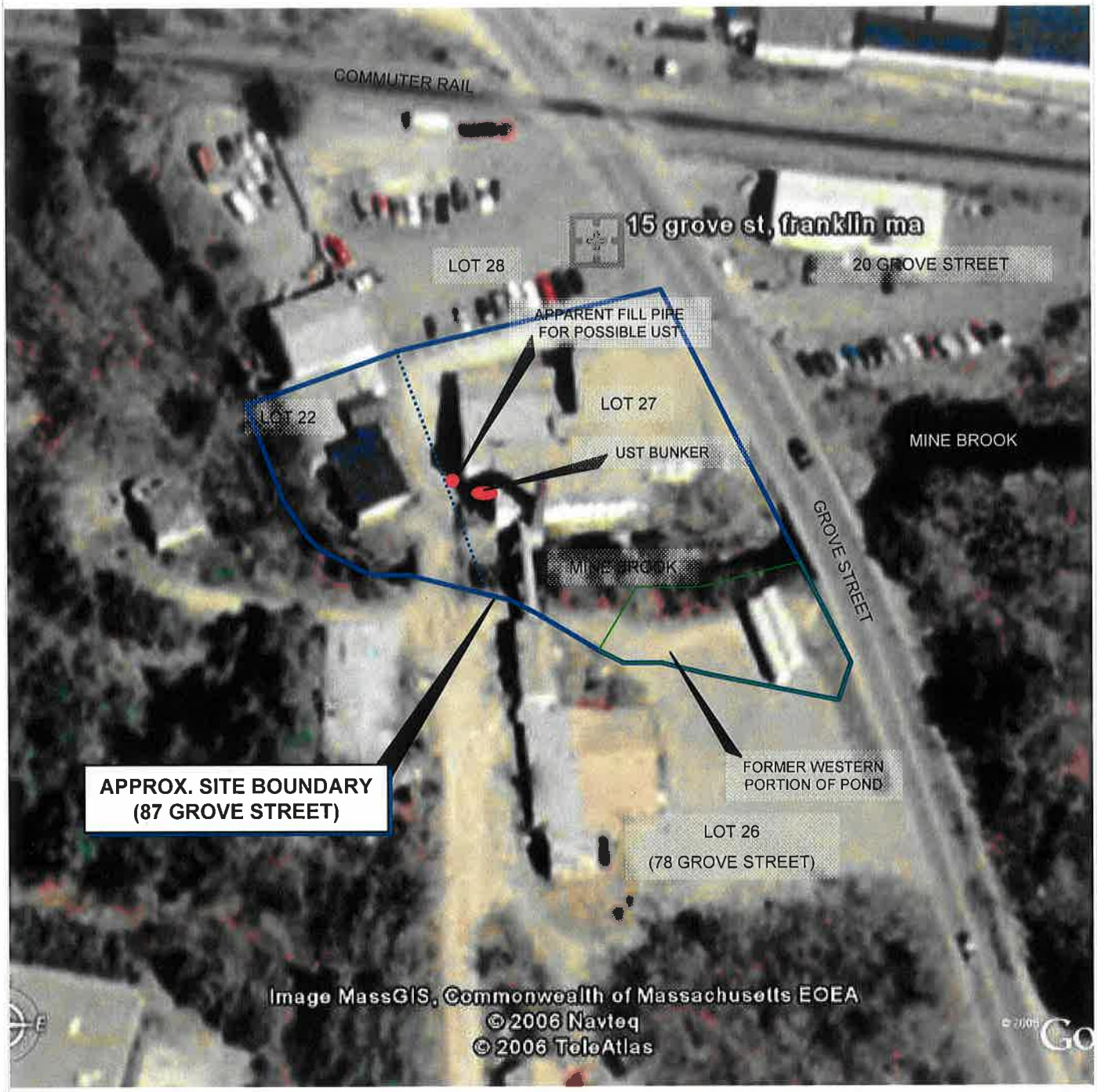
FUSS & O'NEILL
Disciplines to Deliver
FOUNDRY CORPORATE OFFICE CENTER
275 PROMENADE ST, SUITE 350, PROVIDENCE RI 02908
401-861-3070 www.FandO.com

NORFOLK COUNTY, MASSACHUSETTS
SITE LOCATION MAP
FORMER NU-STYLE COMPANY, INC.
87 GROVE STREET FRANKLIN, MASS.

PROJ. No: 20050458.B10
DATE: FEBRUARY 2007

FIGURE 1

F:/2005/0458/B10/Nu-Style/Phase1_update2007\Figure 1 Site Loc.ppt



MAP REFERENCE:
Modified from Fuss & O'Neill, 2006

F:\2005/0458/A10/15-87 Grove St/PhaseI_update2007/Figure 2 Site Plan.ppt

0 1000 2000'
GRAPHIC SCALE
SCALE: 1"=2000'

FUSS & O'NEILL
Disciplines to Deliver
FOUNDRY CORPORATE OFFICE CENTER
275 PROMENADE ST, SUITE 350, PROVIDENCE RI 02908
401-861-3070 www.FandO.com

NORFOLK COUNTY, MASSACHUSETTS
SITE PLAN
FORMER NU-STYLE COMPANY, INC.
87 GROVE ST. FRANKLIN, MASS.

PROJ. No: 20050458.B10
DATE: JANUARY 2007

FIGURE 2

APPENDIX A

SCOPE OF WORK AND RESTRICTIONS

ALL APPROPRIATE INQUIRY PHASE I ESA SCOPE OF WORK

Fuss & O'Neill uses Standard Practice E 1527-05 as general standard for conducting Phase I ESAs. For consistency, this scope of work is generally presented based on the outline of our standard Phase I ESA report. The descriptions of the procedures and sources for obtaining the information for each section follow the section headings. As specified by Standard Practice E 1527-05, the scope of work described below allows for use of professional judgment to determine the extent to which specific sources are reviewed.

Unless otherwise specified, the following items are not considered in the course of completing an ASTM E 1527-05 Phase I ESA:

- Asbestos, Lead (paint/plumbing), Radon, Mold, Fluorescent Light Ballasts
- Wetlands, Ecological Resources, Historical/Cultural Resources
- Regulatory and Health & Safety Compliance
- Endangered species

These items typically present little environmental risk to the grounds of a site; however, these items may be liabilities during property transfer, regulatory audits, construction, renovation, or demolition projects.

1.0 Introduction

The objective of the ESA and the party that this ESA was conducted for are identified in this section.

2.0 Site Overview

2.1 Site Information

2.1.1 Property Location, Size of Parcel, and Site Plan
Review of USGS topographic maps, local assessor and zoning maps and property description cards, field observations and sketches, and, if available, plans provided by a contact for the subject site. A site plan is included that is derived from these sources.

2.1.2 Potable Water Supply and Sewage Disposal
Query the local Department of Public Works, local Engineering Department, appropriate local utilities, and/or other local municipal sources and/or a knowledgeable site contact.

2.1.3 Adjoining Land Use
Site reconnaissance and assessor's mapping.

2.2 Physical Setting of Site

2.2.1 Geologic and Physiographic Setting
Site reconnaissance, USGS topographic maps, and available geological maps.

2.2.2 Groundwater
Site reconnaissance, USGS topographic maps, and 310 CMR 40.0000 (the Massachusetts Contingency Plan).

2.2.3 Surface Water
Site reconnaissance, USGS topographic maps, and 314 CMR 4.00 (MADEP Surface Water Quality Standards).

2.2.4 Location of Public Water Supply Sources
Site reconnaissance and mapping available in local departments queried as part of the ESA.

2.3 Previous Environmental Investigations
Provided by the appropriate site contact or identified by other means during the course of conducting the ESA.

3.0 Site History

Site reconnaissance, knowledgeable site contacts, aerial photographs available from MassGIS, Sanborn fire insurance maps and street directories provided by an environmental database search service (note that street directories are reviewed at approximately five year intervals, but may be reviewed at smaller intervals for multi-tenant properties), and local municipal sources (local municipal Building Department, Engineering Department, Planning and Zoning Department, Health Department, and Fire Marshal).

4.0 Federal, State, and Local File Review

4.1 Summary of Regulatory Database Information
Regulatory databases specified by Standard Practice E 1527-05 are reviewed using an environmental database search service.

The report provided by the environmental database search service is reviewed in detail. Sites that are inferred to present a significant risk to adversely impact the subject site are identified and explained within the ESA report. However, sites inferred to pose little risk to adversely impact the subject site are disclaimed within the attached environmental database search report.

4.2 MADEP File Review

Limited MADEP file information is provided for the subject site in an environmental database search report. Reviews of files located at MADEP Regional offices are not conducted unless specifically requested.

If a file review is to be conducted, files for the subject site are requested from the appropriate MADEP Regional office. If available, these files are reviewed for pertinent information, which is either copied or noted.

4.3 Local File Review
Files for the local municipal Tax Assessor, Building Department, Planning and Zoning Department, Health Department, and Fire Marshal are reviewed.

5.0 User Provided Information
Information provided by the user as required by the practice is discussed in this section

6.0 Site Reconnaissance, Interviews and Non-Scope Considerations
Field observations the results of required interviews are discussed in this section. In addition, surveys conducted to identify non-scope considerations are addressed.

7.0 Data Gaps, Findings and Conclusions

Data gaps relevant to the identification of recognized environmental conditions are discussed. In addition, recognized environmental conditions are summarized in this section as well as recommendations for further investigation, if appropriate.

8.0 References
References used as part of the ESA are presented here.

APPENDIX B

SITE ASSESSMENT CHECKLIST

FUSS & O'NEILL
275 PROMENADE ST., SUITE 350
PROVIDENCE, RHODE ISLAND, 02908
401-861-3070

Project Number:	20050458.A10	Date:	1/02/07
Site Name:	Former Nu-Style Company, Inc. Facility		
Site Address:	87 Grove Street, Franklin, MA		
Client:	County of Norfolk, Massachusetts		
Key Site Manager:	None available		

REGULATORY DATABASE REVIEW

Federal Files	Date Reviewed
National Priority List	1/02/07
RCRA TSDF List	1/02/07
CERCLIS List	1/02/07
RCRA Generators List	1/02/07
ERNS List	1/02/07
MADEP Files	
Hazardous Waste Sites List	1/02/07
Oil & Chemical Spills Files	1/02/07
Landfill and Solid Waste Site List	1/02/07
UST List	1/02/07
AST List	1/02/07
Reportable Release Database	1/02/07

FUSS & O'NEILL
275 PROMENADE ST., SUITE 350
PROVIDENCE, RHODE ISLAND, 02908
401-861-3070

Project Number: 20050458.A10 Date: 1/02/07

Site Name: Former Nu-Style Company, Inc., Facility

SITE INSPECTION

General Information

Drinking Water Source:	Municipal	Private Well Testing Results (if available):	None
Sanitary Waste Disposal:	Likely former septic system	Type of Heating:	Oil

Surface Conditions

Number of Buildings:	2	Sheds or other:	Bunker west of Lot 27 building
Type of Structures:	Wooden	Square Footage:	Approx. 15,000
Number of Floors:	One (Lot 22), two (Lot 27)	Bldg. Condition:	Poor (dilapidated)
Aboveground Tanks:	One (no longer in use)	Floor Drains:	None observed; however a tunnel containing water ran beneath the buildings
Haz-Mat Storage:	Unknown 275-gallon tank on west side of building	Drums:	Several empty drums or drums containing trash inside Lot 27 building. Two empty drums and one containing unlabeled liquid (rainwater?) west of Lot 27 building
Debris:	Scrap wood, metal	Other:	

Subsurface Conditions

Underground Storage Tanks:	Possible 5,000-gallon heating oil UST within bunker area		
Water Supply Wells:	None	Monitoring Wells:	One on Old Grove Street
Sewer:	Unknown	Septic:	Unknown
Storm Drains:	None	Other:	Tunnel from Mine Brook beneath buildings

Potential Sources

Petroleum Products:	Historical	Transformers:	None observed
Cleaners/Solvents:	Historical chlorinated solvents	Pesticides/Herbicides:	None
Effluents:	None	Odors:	None
Other:	Numerous chemicals formerly used and stored on-site		

Waste Disposal

Liquid Wastes:	N/A	Biomedical Wastes:	N/A
Solid Wastes:	N/A	Recycling:	N/A
Disposal Contractor(s):	N/A		
Other:	Site currently vacant		

APPENDIX C

PREVIOUS ENVIRONMENTAL INVESTIGATIONS

IES, INC.
ENVIRONMENTAL CONSULTANTS
265 MEDFORD ST. • SOMERVILLE, MA 02143
(617) 623-8880

Other Location
Suite 407
922 ELM STREET
MANCHESTER, NH 03101
(603) 641-6173
TELECOPIER NUMBER
(617) 629-2920

January 16, 1990

Mr. Richard Arnold
Home National Bank
10 Medway Road
Milford, MA 01757

Re: IES Job No. 789-374
Chapter 21-E Site Evaluation
87 Grove Street
Franklin, MA

Dear Mr. Arnold:

As requested, please find enclosed the necessary documents and appropriate information on the above referenced property. The forms and information found in this report are of a format designed to address and answer the issues of Massachusetts Environmental Laws Pursuant to M.G.L. Chapter 21-E, and The Massachusetts Contingency Plan (310 CMR 40). Where it was appropriate these forms have been supplemented by additional investigative work.

The Environmental Assessment consisted of a historical review, site investigation, research of pertinent State and local files, test borings, photoionization screening of soil samples, laboratory analysis of groundwater samples, and a magnetometer survey. Our findings in this report indicate that the site in question does not exhibit a release of oil or hazardous materials, at this time, as defined in Section 2 of M.G.L. Chapter 21-E.

If you have any questions about this report, please do not hesitate to contact our office.

Respectfully submitted,

IES, INC.

Daniel G. Jaffe

Daniel G. Jaffe
Vice President

TABLE OF CONTENTS

TABLE OF CONTENTS

SECTION I

SECTION I

SYNOPSIS OF INVESTIGATION

A. Site Information

The site in question consists of three relatively flat, irregularly shaped parcels of land referred to as lots 5, 6, and 7. Lot 5 is located on the west side of Old Forge Road and is occupied by a one story wood and cement block building, which is utilized as a storage garage and for automotive repair. Lot 6 is located to the east of lot 5 across Old Forge Road. This parcel contains a total of approximately 1.25 acres and is occupied by a two story wood and cement block building, which is currently being vacated following its use by a jewelry manufacturing business. Lot 7 is located to the south of lot 6 across Mine Brook. This parcel is occupied by a one and story brick and cement block building, which is also being vacated after use by a jewelry manufacturer. The building on lot 6 is connected to the structure on lot 5 by a walkway over Mine Brook. The property in question is situated on Grove Street and Old Grove Street in a commercial area of Franklin, Massachusetts.

The subject site is abutted to the south by undeveloped property, to the east by Grove Street, to the west by Old Grove Street and Mine Brook, and to the north by railroad tracks. Conservation land and a building occupied by a real estate office, a flooring company, and a garage door business is located to the east of the site across Grove Street. A foundry is located to the west of the site across Old Grove Street.

The buildings occupying the site were erected in the early 1900's for use as a textile mill and were utilized as much until approximately 30 years ago. Since that time, the site has been utilized by a jewelry manufacturer. At the time of the investigation, the buildings were being vacated by the jewelry manufacturing business.

B. Site Geology

The geology of the site remained fairly consistent in the areas of the five borings. From the surface to depths ranging from four to eight feet, a layer of fill consisting of sand, gravel, silt and loam with traces of wood, brick, and cobbles was encountered. Below the fill to total depths ranging from six to 12 feet, the lithology consisted of medium dense, fine grained sand with inorganic silt and a trace of medium grained sand. Groundwater was encountered at a depth of five feet in B-1 and at 5'6" at B-2. Auger refusal was reached prior to encountering groundwater at all the remaining borings.

C. Underground Storage

The building occupying lot 7 of the subject site is heated with fuel oil which is stored underground in one 2,000 gallon tank. A gasoline pump was also observed on this parcel, however, no permit was on file with the Franklin Fire Department regarding any gasoline storage at the site. However, a magnetometer survey in the area of the pump indicates that the tank remains at the site. Additionally, a 275 gallon heating oil tank and two propane tanks were observed to the west of the building on lot 7.

The buildings occupying lots 5 and 6 are heated with fuel oil which is stored in one 5,000 gallon tank. This tank is located in a bunker on the west side of the building occupying lot 6. Additionally, a 275 gallon above ground fuel oil tank was observed to the west of the building on lot 6.

Numerous 55 gallon drums were observed in the area to the north of the garage on lot 5. Additional 55 gallon drums and numerous containers of various sized were also observed inside the building on lot 6. Although the buildings are currently being vacated, a partial list of materials observed at the site at the time of the investigation includes: Methyl Ethyl Ketone, Perclene, Resin Solution 1866, Stripper U.N. 1760, 1,1,1 Trichloroethane, chromic acid, liquid nickel sulfate, liquid nickel chloride, weather sealer,

potassium cyanide, lubricating oil, and various paints and thinner. Additionally, several vats labelled "cyanide" and "acid" were observed inside the building on lot 6.

D. Test Borings and Sampling

Due to the presence of underground and above ground storage of hazardous materials on the subject site, and the threat that such storage poses to the subsurface materials of the site, a test boring, soil sampling, and groundwater analysis program was performed. This program consisted of five test borings at various locations at the site. Soil sample screening was performed using an HNU Photoionizer calibrated to a Benzene standard as required by the Department of Environmental Protection (DEP).

Results of the HNU screening of the soil samples indicated slightly elevated levels (2.2 parts per million) of volatile organic contaminants were detected in samples obtained from borings B-4 and B-5. None of the soil samples from any of the other borings displayed elevated levels of VOC's (see Section IV, page 14 for screening results).

Groundwater samples were obtained from the monitor wells that were installed at borings B-1 and B-2. The groundwater samples were obtained following EPA and RCRA protocols and immediately transported to Analytical Laboratories, Inc. (ALI), a State Certified Laboratory, for testing for VOC's by EPA Method 502.2.

The results of the laboratory testing indicated no elevated levels of VOC's were observed above laboratory detection limits in the groundwater obtained from the monitor wells installed at borings B-1 and B-2 (see Section IV for laboratory results).

A composite soil sample consisting of B-4, S-2 and B-5, S-2 was forwarded to Alpha Analytical Laboratories for testing for VOC's by EPA Method 8240. These soil samples displayed slightly elevated levels of VOC's during photoionization screening, and auger refusal was encountered prior to reaching groundwater. The results of the laboratory testing of the soil samples indicated no elevated levels of VOC's detected in the soil samples tested.

F. Summary and Recommendations

This investigation was based on site inspection, interviews with private parties and public officials, a test boring and soil sample screening program, groundwater analysis, and review of appropriate state and local agency files regarding oil and hazardous materials, releases, or incidents.

Based on the above and the remainder of the information detailed in this report, IES, Inc. does not consider the site to exhibit a release pursuant to M.G.L. Chapter 21-E at this time.

However, it is the recommendation that the abandoned gasoline tank be removed by a licensed tank removal company. This is required by the State Fire Marshal's Code CMR9-527. It is also the recommendation of IES that a qualified environmental consulting company be present during the tank excavation in order to insure that it is removed in an environmentally sound manner.

Additionally, it is the recommendation of IES that the 2,000 gallon and 5,000 gallon fuel oil tanks be subjected to a regular tank testing program in order to insure their integrity.

SECTION II

SECTION II

SITE SPECIFICS

A. Property Description

1. Name: Nu-Style Company, Inc.
Sir Richard Jewelry Manufacturing

2. Address: 87 Grove Street
Franklin, MA

3. Legal Description: Book 4593 Page 189 - Lot 5
Book 4499 Page 664 - Lot 6
Book 4369 Page 404 - Lot 7
Norfolk Registry of Deeds
See attached copy of site description

4. Property Area: 6,400 square feet - Lot 5
1.25 acres - Lot 6
36.000 square feet - Lot 7

5. Most Recent Survey: See Attached

B. Site Ownership and Location

1. Site Owner:

Name Mr. Richard Armstrong

Address 157 Mendon Street

Bellingham, MA

Telephone N/A

Date of Ownership 1966 to Present

2. Site Location:

Address 87 Grove Street

Franklin, MA

County Norfolk

Assessor's Plat 72 lot(s) 5, 6, 7

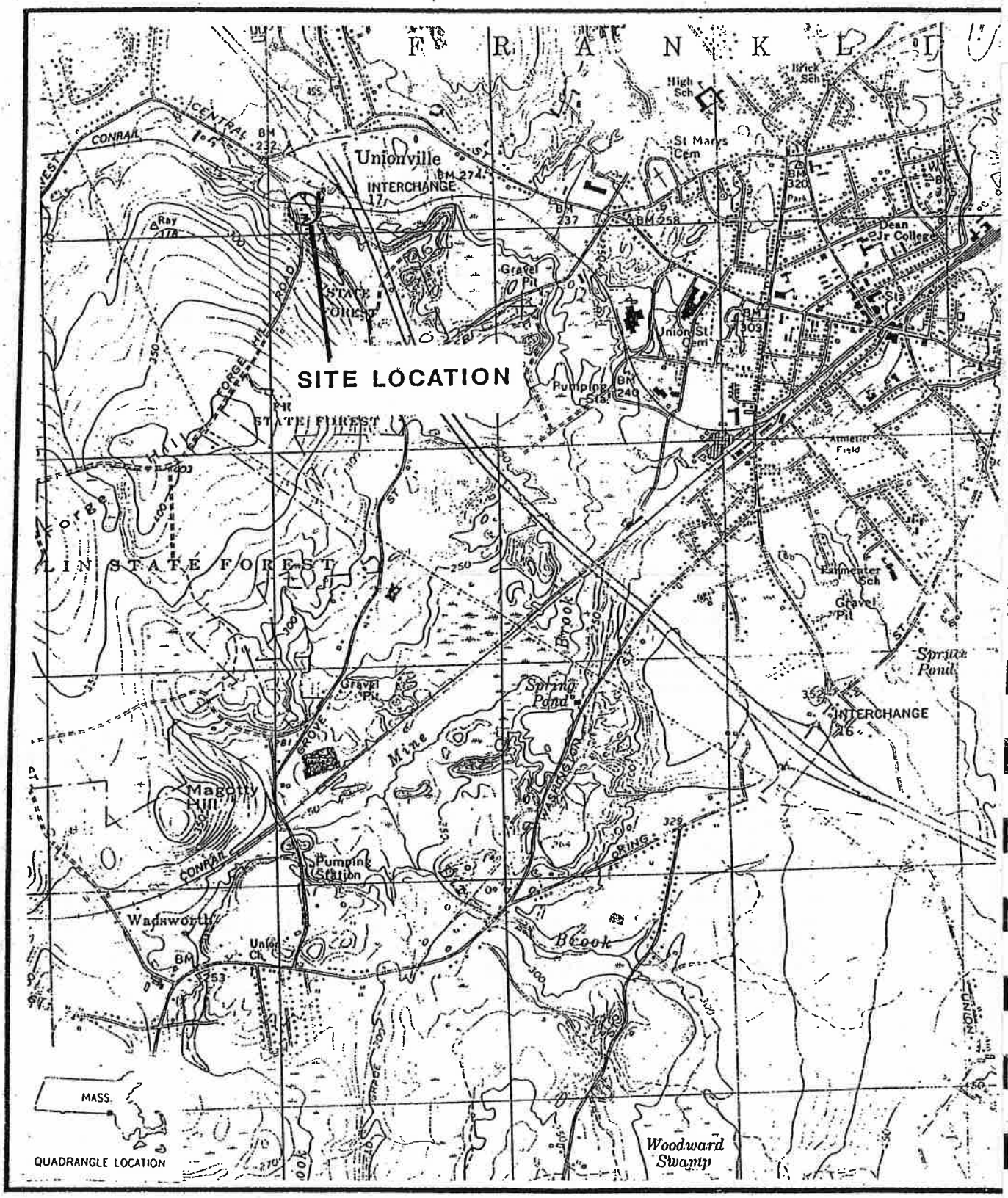
U.S.G.S. quadrangle Franklin

3. Deed Information:

The Report is being addressed to the concerned party with respect to the real estate situated at 87 Grove Street, Bellingham, MA on a plan entitled No plan available

(Name of Plan, Including Date and Plan Preparer) recorded with the Norfolk Registry of Deeds at Plan Book ----, Plan(s) ---- (or filed in the Land Registration Office as Plan No. _____) (hereinafter the "Site"). The Site is described in deed(s) recorded with the Norfolk Registry of Deeds in Book(s) No. 4369, Page(s) No. 404 or registered with the ------ Registry District of the Land Court in Book(s) ------ Page(s) -----.

U.S.G.S. MAP



NOTES:

SCALE 1:25 000

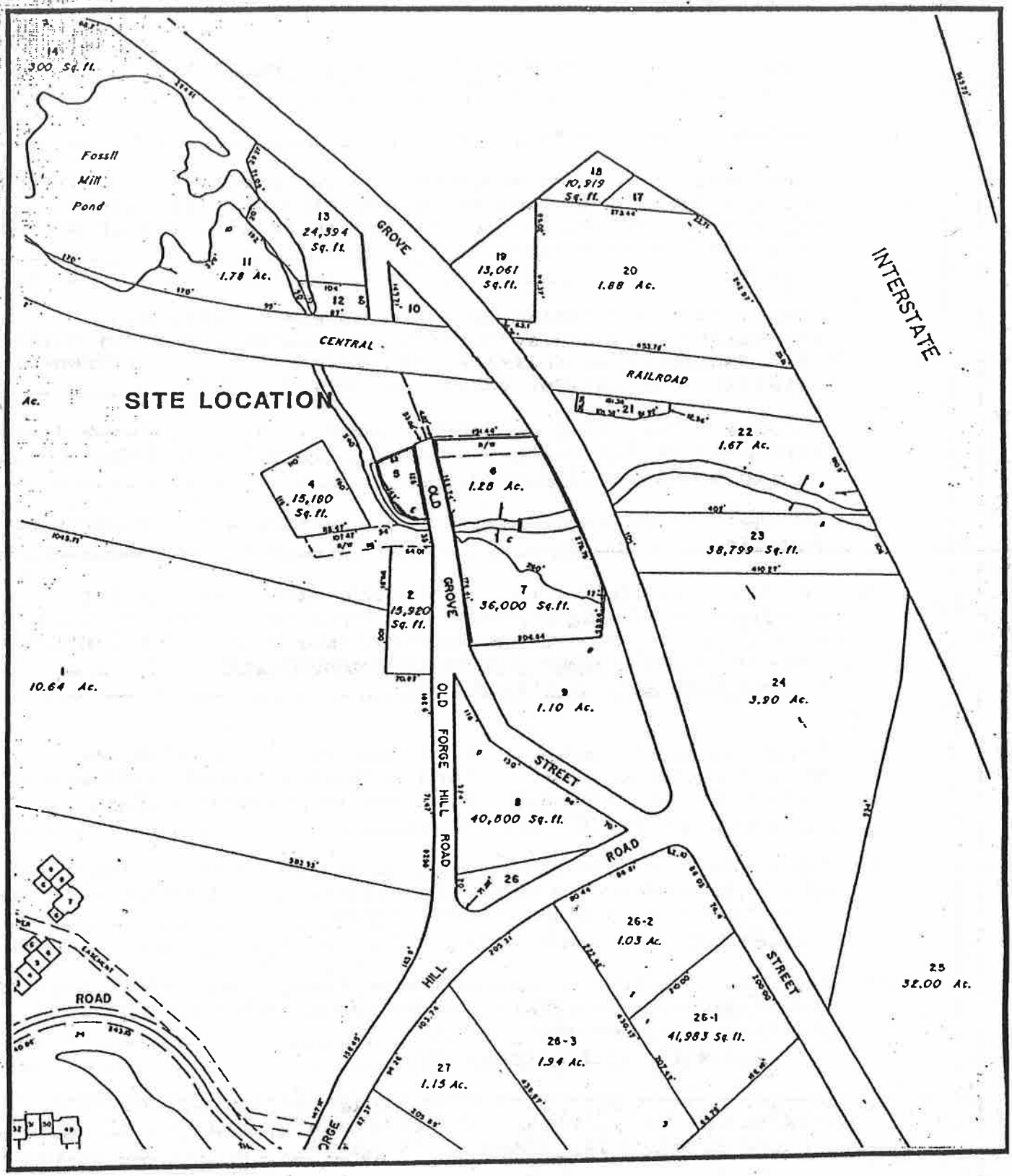
0 — 1 MILE

0 — 1 KILOMETER

CONTOUR INTERVAL 10 FEET

IES. INC

ASSESSORS PLAN



NOTES:

IES. INC.

C. Site Questionnaire

1. Current use of the premises: Buildings being vacated
See Section II, Item "E"

2. Proposed use of the premises: N/A

3. To the best of your knowledge, have the premises or abutting properties ever been investigated by the DEP, the local offices or the media for possible release or emission of oil or hazardous materials? No

4. Does a visual inspection of the premises or abutting properties reveal any evidence of hazardous materials disposal? (i.e. discolored or foul-smelling water or soil, distressed vegetation or wildlife, barrels, etc.) No

5. Are there any streams, brooks, ponds, lakes or lagoons located within or abutting the premises? Yes - Mine Brook
See Section II, Item "D"

6. Were the premises ever part of or abutting a municipal dump or landfill? No

7. Is there any indication in the chain of title that the premises or abutting properties were ever owned or leased to a chemical, oil, or manufacturing company or other industrial concern? Yes - former jewelry manufacturing
See Section II, Item "D"

8. To the best of your knowledge, has there ever been any hazardous materials or oil as hereinafter described currently stored or used on or abutting the the premises? Yes
See Section III, Item "A"

9. To the best of your knowledge, has there been any disposal of oil or hazardous materials (pursuant to licenses or otherwise) on or abutting the premises? Yes
See Section III, Item "B"

10. Have any permits or licenses ever been issued with respect to the storage or use of oil or hazardous materials on or abutting the premises? Yes
See Section III, Item "C"

11. Have any tests been performed on the site to detect the presence of oil or hazardous materials? Yes
See Section IV, Items "A" & "B"

D. Site Description

The subject site consists of three irregularly shaped parcels of land located in a commercial area of Franklin, MA. The area is zoned for industrial usage. The site is comprised of lot 5 which contains 6,400 square feet; lot 6, containing approximately 1.25 acres; and lot 7 which contains 36,000 square feet. Lot 5 is located to the west of Old Grove Street and is occupied by a one story cement block and wood building, which is being leased to a construction company to perform maintenance on their vehicles. Lot 6 is located to the east of lot 5 across Old Grove Street, and is occupied by a three story cement block building. Lot 7 is located to the south of lot 6 across Mine Brook and is occupied by a one and two story brick and cement block building. The buildings on lots 6 and 7 are connected by a walkway over Mine Brook. All of the buildings occupying the site are currently being vacated, and had most recently had been utilized by a jewelry manufacturing business. The buildings occupy approximately 40 percent of the subject site, and the remainder is paved.

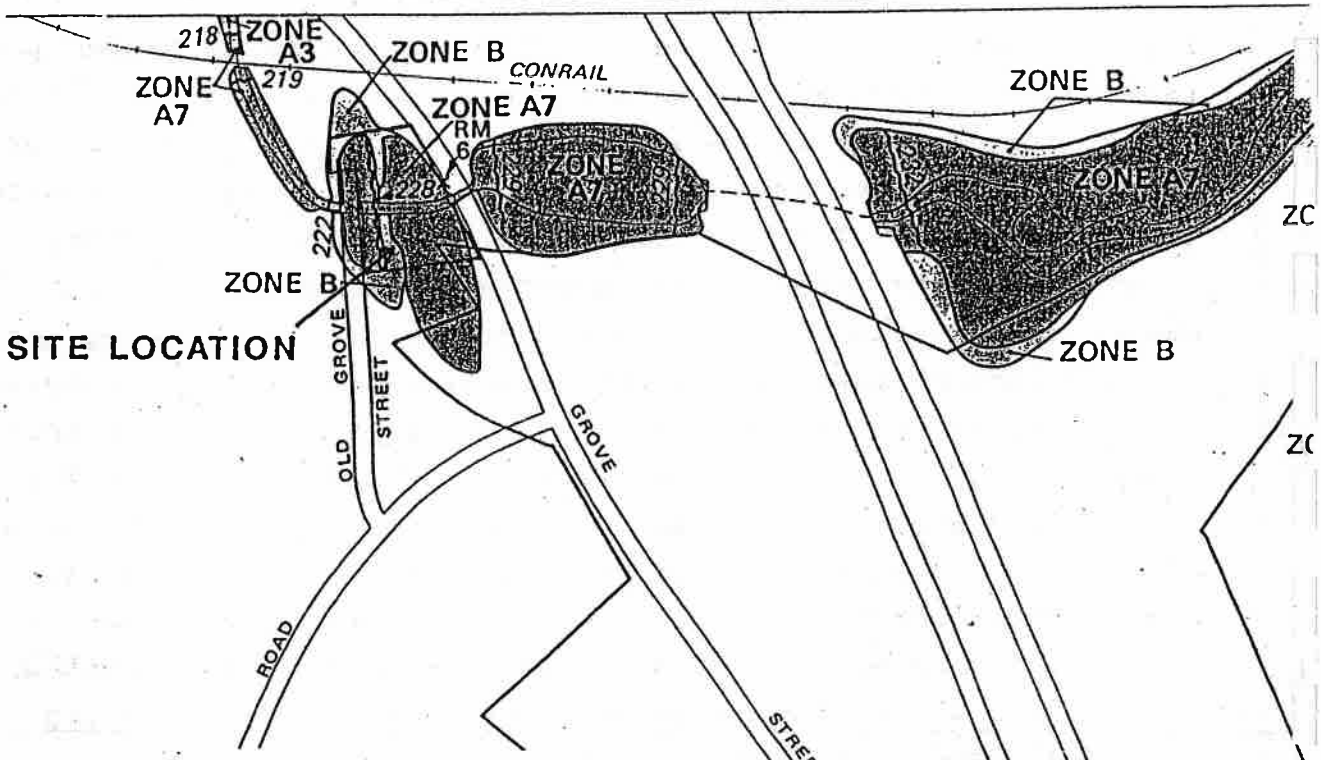
Mine Brook flows from east to west between lot 6 and lot 7, and then northerly along the western side of lot 5 to Fossil Mill Pond to the northwest of the site. Much of the site in question is located in a Zone A7 and Zone B of a Federally Recognized Flood Hazard Zone (see attached Flood Insurance Map).

The subject site is serviced by municipal water from Grove Street. There is a septic system as a means of domestic disposal.

E. Current/Former Uses of Site and Surrounding Properties

The buildings occupying the site were erected in the early 1900's for use as a textile mill. For much of the past 30 years, the property has been utilized by a jewelry manufacturing businesses. At the time of the investigation, the buildings were being vacated.

FLOOD INSURANCE MAP



*EXPLANATION OF ZONE DESIGNATIONS

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
AO	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

KEY TO MAP

500-Year Flood Boundary	
100-Year Flood Boundary	ZONE B
Zone Designations*	ZONE A7 / ZONE
100-Year Flood Boundary	
500-Year Flood Boundary	ZONE B
Base Flood Elevation Line With Elevation In Feet**	513
Base Flood Elevation in Feet Where Uniform Within Zone**	(EL 982)
Elevation Reference Mark	RM 7
Zone D Boundary	
River Mile	•M1.5

**Referenced to the National Geodetic Vertical Datum of 1929

NOTES:

APPROXIMATE SCALE

400 0 400 FEET

IES, IN

The area surrounding the subject site is sparsely developed with several small businesses. A foundry is located to the west of the site across Old Grove Street, and a building housing a real estate office, a garage door company, and a flooring business is located to the east of the site across Grove Street. Conservation land is also located to the east (up gradient) of the site across Grove Street.

F. DEP Investigations

As part of this investigation, a file review was performed at the DEP Southeast Regional Office in Lakeville, MA. This file review indicated that there are no records on file with that office regarding any past or current incidents regarding oil or hazardous materials on the subject site or any of the abutting properties.

G. Interviews Relative to Site

A. Mr. William H. Cummings — Health Agent
Franklin Board of Health — Telephone (508) 528-1948

An inquiry was made to Mr. William H. Cummings of the Franklin Board of Health regarding any incidents concerning oil or hazardous materials at the subject site or any nearby properties. Mr. Cummings responded in a letter stating that there are no records on file with the Franklin Board of Health dating back to 1979 regarding a release at the subject site or any abutting properties (see attached letter).

SECTION III

SECTION III

HAZARDOUS MATERIALS AND OIL STORAGE

A. Storage of Oil and Hazardous Materials

Underground storage at lot 7 consists of one 2,000 gallon heating oil tank and one gasoline tank of undetermined capacity. The buildings occupying lots 5 and 6 are also heated with fuel oil which is stored in one 5,000 gallon tank located in a bunker on the west side of the building on lot 6.

Above ground storage observed at the site included two 275 gallon heating oil tanks, and two propane tanks. Additionally, numerous 55 gallon drums were observed to the north of the building on lot 5. Numerous other drums and various sized containers of oil and hazardous materials was also noted inside the buildings, with a majority of the storage in the building occupying lot 6. A partial list of materials observed during the site investigation includes: Methyl Ethyl Ketone, Perclene, Resin Solution 1866, Stripper U.N. 1760, 1,1,1 Trichloroethane, chromic acid, liquid nickel sulfate, liquid nickel chloride, weather sealer, potassium cyanide, lubricating oil, and various paints and thinners. Additionally, vats labelled "cyanide" and "acid" were also observed inside the building on lot 6.

B. Disposal of Oil and Hazardous Materials

Waste oil associated with the automotive repair operation in the building on lot 5 is stored above ground in 55 gallon barrels which are periodically removed from the site by Franklin Pumping Company of Wrentham, MA.

Since the jewelry manufacturer that had operated at the site is no longer in business, no information was available as to the wastes generated or the disposal practices of that business.

1. Permits for Storage of Oil or Hazardous Materials

Licences are on file with the Town of Franklin Clerk's Office for the underground storage of fuel oil in one 5,000 gallon tank, two 2,000 gallon tanks, and one 1,000 gallon tank at the subject site.

SECTION IV

SECTION IV

SUBSURFACE TESTING

A. Soil and Groundwater Sampling

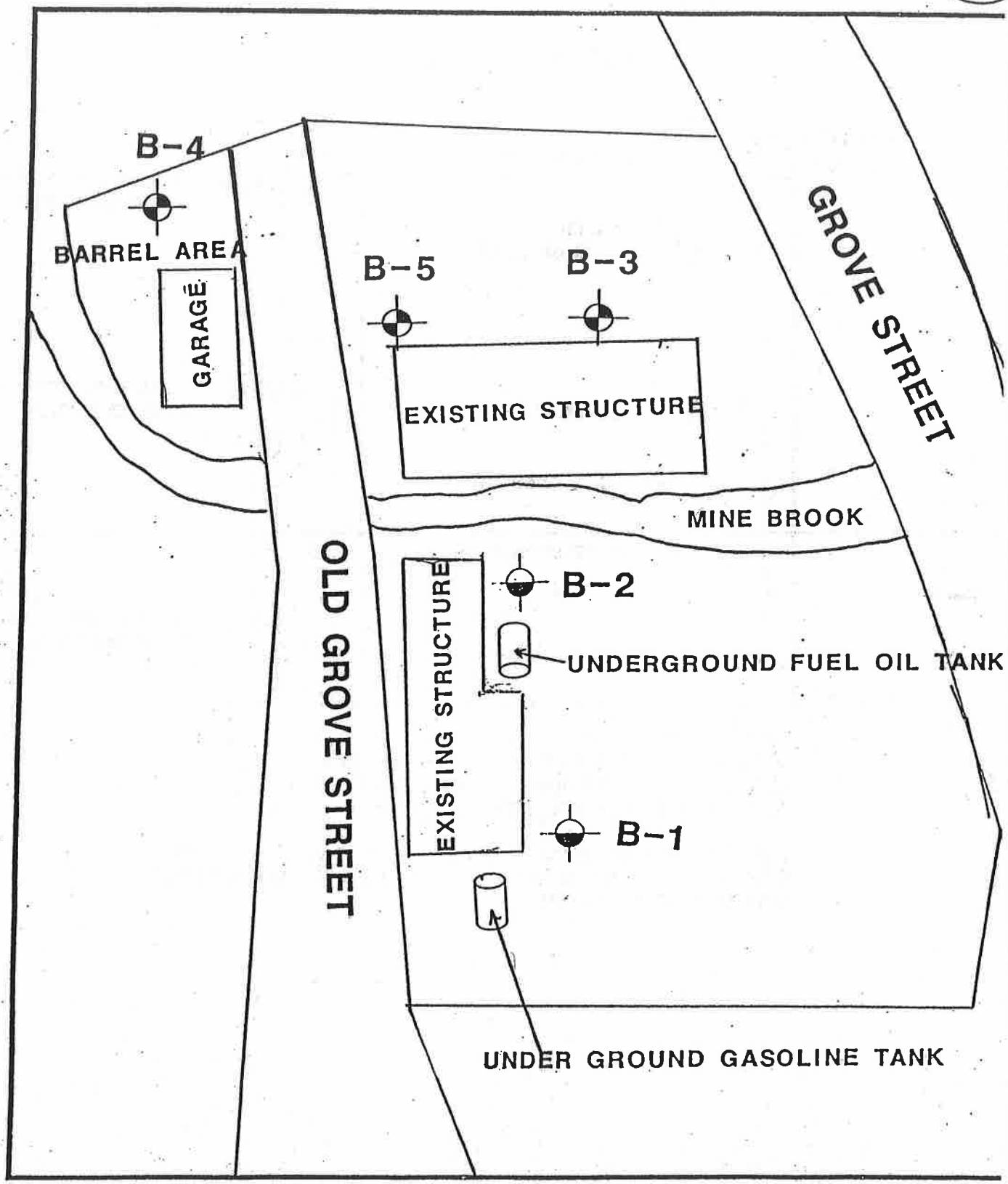
Due to the presence of underground petroleum storage at the site, a test boring and soil sample screening program was performed. This program consisted of five test borings at various locations at the site. Monitor wells were installed in two of the five wells (see attached boring location plan following this section).

Soil samples from the test borings were sealed in clean glass jars and transported immediately to IES, Inc. where the samples were screened to detect the presence of volatile organics. Sample screening was carried out using an HNU Photoionizer. The analyzer was calibrated to a Benzene standard as required by the Department of Environmental Protection (DEP). Slightly elevated levels (up to 2.2 ppm) of volatile organic contaminants were detected in samples obtained from borings B-4 and B-5. None of the soil samples obtained from any of the other borings exhibited elevated levels of volatile organic compounds.

Since no groundwater was encountered at borings B-4 and B-5, a composite soil sample consisting of B-4, S-2 and B-5, S-2 was forwarded to Alpha Analytical Laboratories for testing for VOC's by EPA method 8240. The results of the laboratory analysis of the soil samples indicated no VOC's observed above laboratory detection limits (see attached laboratory analysis).

Groundwater samples were obtained following EPA and RCRA protocols from the monitor wells installed at borings B-1 and B-2. The groundwater sample was immediately transported to Analytical Laboratories, Inc. for testing for volatile organics by EPA Method 502.2. Results of the laboratory analyses indicated no VOC's observed above laboratory detection levels in the groundwater sampled (see attached laboratory analysis).

APPROXIMATE BOREHOLE LOCATIONS



NOTES: TEST BORING

MONITOR WELL

IES, INC.

CARR-DEE CORP.

37 LINDEN STREET P.O. BOX 67 MEDFORD, MA 02155-0001 Telephone (617) 391-4500

To I.E.S., INC., 265 MEDFORD STREET, SOMERVILLE, MA Date Dec. 29, 1989 Job No. 89410

Site 21E STUDY, 87 GROVE STREET, FRANKLIN, MA Scale 1" = 3 f

BORING 1

Ground Surface

0'4"	ASPHALT		
	FILL SAND, GRAVEL, SILT, TRACE OF LOAM		S#1, FROM 0'6" TO 2'6" AUGER SAMPLE
4'0"			
	MEDIUM DENSE FINE SAND & INORGANIC SILT, TRACE OF MED. SAND	4 5 8 8	S#2, FROM 5'0" TO 7'0" RECOVERED 7"
		6 6 6 30	S#3, FROM 10'0" TO 12'0" RECOVERED 22"
12'0"			

WATER LEVEL 5'0"
SIZE OF AUGERS 3-3/4" I.D., LENGTH 10'0"
DRILLER: RENE'DESIMONE, INSPECTOR: D. JAFFE
DATE STARTED & COMPLETED: 12-28-89

INSTALLED OBSERVATION WELL (2" PVC PIPE, 5'0" SLOTTED, 5'0" SOLID, 0'6" CUT-OFF), 9'6" BELOW GROUND SURFACE, INCLUDING ROADWAY BOX.

ples have been visually classified by Driller. Unless otherwise specified, water levels noted were observed at completion gs, and do not necessarily represent permanent ground water levels. Figures in right hand column indicate number of blows equired to drive Two-Inch Split Sampler 6 inches using 140 lb. weight falling 30 inches(+/-). Figures in column to left if noted) indicate number of blows to drive casing one foot, using 300 lb. weight falling 24 inches(+/-).

CARR-DEE CORP.

37 LINDEN STREET P.O. BOX 67 MEDFORD, MA 02155-0001 Telephone (617) 391-4500

To I.E.S., INC., 265 MEDFORD STREET, SOMERVILLE, MA Date Dec. 29, 1989 Job No. 89410

Site 21E STUDY, 87 GROVE STREET, FRANKLIN, MA Scale 1" = 3 ft.

BORING 2-A

Ground Surface

FILL SAND, GRAVEL, LOAM, WOOD, BRICK	

6'0"

REFUSAL ENCOUNTERED WITH AUGERS

WATER LEVEL 5'0"
SIZE OF AUGERS 3-3/4" I.D., LENGTH 6'0"
DRILLER: RENE' DESIMONE, INSPECTOR: D. JAFFE
DATE STARTED & COMPLETED: 12-28-89

INSTALLED OBSERVATION WELL (2" PVC PIPE, 5'0" SLOTTED, 5'0" SOLID, 4'0" CUT-OFF), 6'0" BELOW GROUND SURFACE, INCLUDING ROADWAY BOX.

NOTE: THIS BORING WAS MADE 6'0" NORTH OF ORIGINAL BORING LOCATION.

[illegible]les have been visually classified by Driller. Unless otherwise specified, water levels noted were observed at completion [illegible]ngs, and do not necessarily represent permanent ground water levels. Figures in right hand column indicate number of blows [illegible]quired to drive Two-Inch Split Sampler 6 inches using 140 lb. weight falling 30 inches [illegible]. Figures in column to left [illegible] noted) indicate number of blows to drive casing one foot, using 300 lb. weight falling 24 inches [illegible].

CARR-DEE CORP.

37 LINDEN STREET P.O. BOX 67 MEDFORD, MA 02155-0001 Telephone (617) 391-4500

To I.E.S., INC., 265 MEDFORD STREET, SOMERVILLE, MA Date Dec. 29, 1989 Job No. 89410

Job Site 21E STUDY, 87 GROVE STREET, FRANKLIN, MA Scale 1" = 3

BORING 4

Ground Surface

FILL		S#1, FROM 0'6" TO 2'6" RECOVERED AUGER
SAND, GRAVEL, LOAM,		
BOULDERS	15 11 12 13	S#2, FROM 5'0" TO 7'0" RECOVERED 4"

8'6"

REFUSAL ENCOUNTERED WITH AUGERS

NO WATER ENCOUNTERED
SIZE OF AUGERS 3-3/4" I.D., LENGTH 8'6"
DRILLER: RENE'DESIMONE, INSPECTOR: D. JAFFE
DATE STARTED & COMPLETED: 12-28-89

NOTE: ALTERNATE BORING WAS MADE 5'0" SOUTH OF ORIGINAL BORING LOCATION, REFUSAL ENCOUNTERED AT 7'0"

ples have been visually classified by Driller. Unless otherwise specified, water levels noted were observed at completion ngs, and do not necessarily represent permanent ground water levels. Figures in right hand column indicate number of blows required to drive Two-Inch Split Sampler 6 inches using 140 lb. weight falling 30 inches. Figures in column to left if noted) indicate number of blows to drive casing one foot, using 300 lb. weight falling 24 inches.

ANALYTICAL LABORATORIES, INC.

EPA Method 502.2 - Volatile Organics in Water

Sample ID: Blank Water Sample

PARAMETER	RESULTS (ug/L)	PARAMETER	RESULTS (ug/L)
Benzene	ND	2,2-Dichloropropane	ND
Bromobenzene	ND	1,1-Dichloropropene	ND
Bromochloromethane	ND	Ethylbenzene	ND
Bromodichloromethane	ND	Hexachlorobutadiene	ND
Bromoform	ND	Isopropylbenzene	ND
n-Butylbenzene	ND	p-Isopropyltoluene	ND
s-Butylbenzene	ND	Methylene Chloride	ND
t-Butylbenzene	ND	Napthalene	ND
Carbon Tetrachloride	ND	n-Propylbenzene	ND
Chlorobenzene	ND	Styrene	ND
Chlorodibromomethane	ND	1,1,1,2-Tetrachloroethane	ND
Chloroform	ND	1,1,2,2-Tetrachloroethane	ND
2-Chlorotoluene	ND	Tetrachloroethylene	ND
4-Chlorotoluene	ND	Toluene	ND
1,2-Dibromo-3-Chloropropane	ND	1,2,3-Trichlorobenzene	ND
1,2-Dibromomethane	ND	1,2,4-Trichlorobenzene	ND
Dibromomethane	ND	1,1,1-Trichloroethane	ND
1,2-Dichlorobenzene	ND	1,1,2-Trichloroethane	ND
1,3-Dichlorobenzene	ND	Trichloroethylene	ND
1,4-Dichlorobenzene	ND	Trichlorofluoromethane	ND
1,1-Dichloroethane	ND	1,2,3-Trichloropropane	ND
1,2-Dichloroethane	ND	1,2,4-Trimethylbenzene	ND
1,1-Dichloroethene	ND	1,3,5-Trimethylbenzene	ND
cis-1,2-Dichloroethene	ND	Vinyl Chloride	ND
trans-1,2-Dichloroethene	ND	O-Xylene	ND
1,2-Dichloropropane	ND	m,p-Xylene	ND
1,3-Dichloropropane	ND		

*Some unknowns present but not detectable by this method.

1. Method Detection Limits are listed on the attached sheet. (Determined on 60 m x 0.75mm ID Vocol Capillary Column)

2. Internal standards: Fluorobenzene and 2-Bromo-1-Chloropropane.

3. ND- Indicates compound is not determined.

VOLATILE ORGANICS BY GC
EPA Method 502.2

METHOD DETECTION LIMITS (MDL)

PARAMETER	MDL (ug/L)	PARAMETER	MDL (ug/L)
Benzene	0.08	2,2-Dichloropropane	0.45
Bromobenzene	0.26	1,1-Dichloropropene	0.33
Bromochloromethane	0.09	Ethylbenzene	0.22
Bromodichloromethane	0.20	Hexachlorobutadiene	0.29
Bromoform	0.20	Isopropylbenzene	0.25
n-Butylbenzene	0.20	p-Isopropyltoluene	0.24
s-Butylbenzene	0.21	Methylene Chloride	0.13
t-Butylbenzene	0.19	Napthalene	0.20
Carbon Tetrachloride	0.24	n-Propylbenzene	0.26
Chlorobenzene	0.36	Styrene	0.15
Chlorodibromomethane	0.20	1,1,1,2-Tetrachloroethane	0.18
Chloroform	0.20	1,1,2,2-Tetrachloroethane	0.41
2-Chlorotoluene	0.27	Tetrachloroethylene	0.36
4-Chlorotoluene	0.27	Toluene	0.20
1,2-Dibromo-3-Chloropropane	0.47	1,2,3-Trichlorobenzene	0.51
1,2-Dibromomethane	0.13	1,2,4-Trichlorobenzene	0.39
Dibromomethane	0.16	1,1,1-Trichloroethane	0.11
1,2-Dichlorobenzene	0.32	1,1,2-Trichloroethane	0.30
1,3-Dichlorobenzene	0.35	Trichloroethylene	0.40
1,4-Dichlorobenzene	0.32	Trichlorofluoromethane	0.53
1,1-Dichloroethane	0.10	1,2,3-Trichloropropane	0.13
1,2-Dichloroethane	0.19	1,2,4-Trimethylbenzene	0.18
1,1-Dichloroethene	0.59	1,3,5-Trimethylbenzene	0.13
cis-1,2-Dichloroethene	0.20	Vinyl Chloride	0.50
trans-1,2-Dichloroethene	0.34	O-Xylene	0.21
1,2-Dichloropropane	0.08	m,p-Xylene	0.17
1,3-Dichloropropane	0.08		

ANALYTICAL LABORATORIES, INC.

CHAIN-OF-CUSTODY RECORD

ler: Dan Jaffe Date Shipped 1/2 Carrier DJ

e No. 776-2715

TO:
nalytical Laboratories, Inc.
265 Medford Street, Suite 314
Somerville, MA 02143

ENTION Gerard Goguen

SEND RESULTS TO:
IES, Inc.
265 Medford Street, Suite 312
Somerville, MA 02143

ATTENTION DAN JAFFE

JECT NAME Arnno - Franklin PROJECT NO. 789-374 P.O. NO.

Gerard Goguen		1-3-90	10:00am
inquished by: (Signature)	Received by: (Signature)	Date	Time
inquished by: (Signature)	Received by: (Signature)	Date	Time
inquished by: (Signature)	Received by: (Signature)	Date	Time
inquished by: (Signature)	Received by: (Signature)	Date	Time

ANALYSIS REQUEST

Sample ID Number	Sample Description	Date/Time Sampled	Analysis Requested	Sample Condition Upon Receipt
B-1	Water	1/2	502.2	
B-2				
B/Blank				

pecial Instructions/Comments

xpected urnaround ime ____ Immediate Attention ____ Rush ____ Standard

The Commonwealth of Massachusetts

Department Of Environmental Quality Engineering

Lawrence Experiment Station

37 Shattuck Street, Lawrence, Massachusetts 01843

CERTIFICATION FOR ENVIRONMENTAL ANALYSIS

LABORATORY: MA117
Analytical Laboratories, Inc.
265 Medford St.
Somerville, MA 02143

DATE: 10/15/89

EXPIRATION DATE: 04/15/90

DIRECTOR: Gerard Goguen
617-776-0926

PRIMARY CATEGORIES (DRINKING WATERS)

FULL CERTIFICATION: Trihalomethanes, Volatile Organics

PROVISIONAL CERTIFICATION: None at Present

SECONDARY CATEGORIES (OTHER MATRICES)

FULL CERTIFICATION: None at Present

PROVISIONAL CERTIFICATION: None at Present

This certificate supercedes all previous certificates issued to this laboratory. Reporting of analyses other than those authorized above shall be cause for revocation of certification.

Original Certificate, not copies, must be displayed in a prominent place at all times. Certification subject to approval by OGC.

Joseph E. O'Brien

Joseph E. O'Brien, Ph.D.
Director, Laboratory Certification
For the Commissioner

ALPHA ANALYTICAL LABORATORIES
Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220

CERTIFICATE OF ANALYSIS

Client: I.E.S., Inc.

Address: 265 Medford Street; Suite 312
Somerville, MA 02143

Attn: Daniel Jaffe

Sample Description: One soil sample

Job Number: 900039

Invoice Number: 11158

Date In: 01/03/90

Date Reported: 01/16/90

IES Project# 789-374

REFERENCES:

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. 1986.

2. Standard Methods for Examination of Water and Waste Water. APHA-AWWA-WPCF. 16th Edition. 1985.

3. Methods for Chemical Analysis of Water and Wastes. EPA 600/4-82-055. 1983.

4. Oil Spill Identification System. CG-D-52-77 U. S. Coast Guard. 1977.

5. Standard Methods for Examination of Water and Waste Water. APHA-AWWA-WPCF. 17th Edition. 1989.

Authorized by: Scott McLean
Scott McLean--Laboratory Director

cp

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Client: I. E. S., Inc.

Sample Number: 900039.1

Analysis Requested: Volatile Organics (624)

Date Received: 01/03/90

Date Reported: 01/16/90

Client Ident: (B-4 & B-5) S-1
Sample Location: Franklin
Sample Description: Soil
Sample Container: Glass jar
Field Prep: None

# of Containers: 1

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	METHOD	EXTRACT	ANALYSIS
Volatile Organics **								
Volatile Halocarbons	ND	ug/Kg	1*	GC/MS	1	8240	----	01/12/90
Volatile Aromatics	ND	ug/Kg	1*	GC/MS	1	8240	----	01/12/90

**Note: All compounds were below the detection limits except those listed above.

1* A list of volatile halocarbons and volatile aromatics analyzed for and their detection limits accompanies this report.

* MDL--Method Detection Limits (same units as the Results)
** REF--Reference as cited on the cover (first) page of this report.

C. Magnetometer Survey

A magnetometer survey was performed on the subject site in order to detect large iron containing subsurface objects which are not associated with subsurface utilities such as underground storage tanks.

The survey was performed utilizing a Heliflux Magnetic Locator Model GA-52B built by the Schonstedt Instrument Company of Reston, Virginia. The locator is a sensitive hand held instrument which detects the magnetic field generated by any object which contains iron within a range of approximately eight feet. The survey was conducted in a grid pattern with the sensitivity turned up to insure that any iron object within the range of the instrument was detected.

The results of the magnetometer survey conducted on the site indicated that no unexplained subsurface objects containing iron were detected in those areas surveyed. The underground gasoline tank and underground fuel oil tank were easily located with the magnetometer.

Identification of Persons Conducting the Site Inspection and Investigation:

Names	Address or Affiliation	Qualifications
Daniel G. Jaffe, M.S.	IES, Inc.	Vice President
Gerard R. Goguen	IES, Inc.	Vice President

The conclusion of this report was based on site inspection, interviews with private parties and public officials, a test boring, soil sample screening, and groundwater analysis program, and review of appropriate state and local agency files regarding oil and hazardous materials, releases, or incidents.

Based on all available evidence detailed in this report, IES, Inc. does not consider the site to exhibit a release pursuant to M.G.L. Chapter 21-E at this time.

However, it is the recommendation of IES, Inc. that the abandoned gasoline tank be removed from the site as is required by the State Fire Marshal's Code CMR9-527. Additionally, IES recommends that a regular tank testing program be applied to the heating oil tanks on the site.

IN WITNESS WHEREOF, the undersigned have executed this Affidavit this Sixteenth day of January, 1990

IES, INC.

By: Gerard R. Goguen
Vice President

Subscribed and sworn to before me this Sixteenth day of January, 1990

Joanne Stachelski
NOTARY PUBLIC

My Commission Expires: September 7, 1995

C. Preliminary Assessment Report

The following attached forms are used for reporting a release to the DEP:

NOT NECESSARY FOR THIS SITE

SECTION V

SECTION V

CONCLUSIONS AND AFFIDAVIT

A. Inspection/Investigative Conclusions

The Site Investigator has reviewed the history of the Site and has considered the potential for the generation, use, treatment, storage or disposal of oil or hazardous material by (a) the uses presently associated with the Site and (b) to the extent ascertainable by inquiry as noted in the "Site Assessment Summary", the uses previously associated with the Site.

On December 18, 1989 the Site Investigator explored the Site and, except as qualified in the "Site Assessment Summary", the areas adjacent to the Site to assess the possible presence of oil or hazardous material on the Site. This investigation included the research, observations, explorations and testing described in the "Site Assessment Summary", attached to this Report.

Based upon the foregoing, (including the research, observations, explorations and testing described in the "Site Assessment Summary" and subject to the qualifications set forth below, the undersigned is of the professional opinion that at the time of said investigation:

_____ 1. No evidence exists that oil or hazardous material is or has been present on the Site.

__X__ 2. Evidence exists that oil or hazardous material is or has been present on the Site or on the areas adjacent to the Site.

_____ 3. Evidence exists that oil or hazardous material is being, has been or might have been released into the environment from or at the Site.

B. Affidavit

The preceding report and attachments apply to both proposed and present uses for the site in question, as well as storage, disposal, permitting, visible property conditions, wetlands, legal description of the property and any investigations performed or currently underway by the State or Municipal authorities.

This information was obtained by qualified professionals and constitutes a brief synopsis of conditions covered by the site inspection.

Hazardous materials and oil are also defined as the State and Federal Agencies determine them to be. This section includes a certifying signature by the Vice President of the firm and a stamped notary signature.

****

The undersigned, based on experience and knowledge, states that the investigations of the Site described in this Report were performed by:

Daniel G. Jaffe Vice President

Gerard R. Goquen Vice President

who is (are) qualified to make the investigations and formulate the opinions hereinafter set forth .

The Site Investigator is familiar with the provisions of the Massachusetts General Laws (" M.G.L.") Chapter 21-E (as it may from time to time be amended) and the applicable implementing of regulations under said law, including the materials which fall within the definitions of "oil" and "hazardous material " thereunder (references in this Report to oil and hazardous material refer to said terms as defined in M.G.L. Chapter 21-E and implementing regulations).

SECTION VI

SECTION VI

M.G.L. CHAPTER 21-E

A. Sections 2, 5A, 6, 7

Section 2. As used in this section the following words shall, unless the context clearly requires otherwise, have the following meanings:

"Department", the department of environmental quality engineering.

"Environment", waters, land surface or subsurface strata, or ambient air of the commonwealth.

"Release", any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping or disposing into the environment, but excludes: (1) emissions from the exhaust of an engine, (2) release of source, by product, or special nuclear material from a nuclear incident, as those terms are defined in 42USCSec.2014, if such release is subject to requirements with respect to financial protection established by the Nuclear Regulatory Commission under 42USCSec.2210, (3) the normal application of pesticides consistent with their labelling.

"Threat of release", a substantial likelihood of a release which requires action to prevent or mitigate damage to the environment which may result from such release.

Section 5. (a) Except as otherwise provided in this section, (1) the owner or operator of a vessel or a site from or at which there is or has been a release or threat of release of oil or hazardous material; (2) any person who at the time of storage or disposal of any hazardous material owned or operated any site at or upon which such hazardous material was stored or disposed of and from which there is or has been a release or threat of release of hazardous material; (3) any person who by contract, agreement, or otherwise,

directly or indirectly, arranged for the transport, disposal, storage or treatment of hazardous material to or in a site or vessel from or at which there is or has been a release or threat of release of hazardous material; (4) any person who, directly or indirectly, transported any hazardous material to transport, disposal, storage or treatment vessels or sites from or at which there is or has been a release or threat of release of such material; and (5) any person who otherwise caused or is legally responsible for a release or threat of release of oil or hazardous material from a vessel or site, shall be liable, without regard to fault, (i) to the commonwealth for all costs of assessment, containment and removal incurred pursuant to section four and section eight relative to such release or threat of release, (ii) to the commonwealth for all damages for injury to and for destruction or loss of natural resources, including the costs of assessing and evaluating such injury, destruction or loss, incurred or suffered as a result of such release or threat of release, and (iii) to any person for damage to his real or personal property incurred or suffered as a result of such release or threat of release. Except as provided in paragraph (b), such liability shall be joint and several.

<u>Section 6.</u> The department may specify reasonable requirements, applicable to sites and vessels where releases of hazardous material might occur and to activities which might cause, contribute to, or exacerbate a release of hazardous material, to prevent and control, and to counter the effects of, such release. Such requirements may be prescribed by regulations adopted under section nine for specific sites and vessels which the department has determined to have a record of releases, or to have failed to respond properly to a release or threat of release of hazardous material, or to be conducting an activity which poses a threat of release of hazardous material. Such requirements may include without limitations, but without duplication of requirements prescribed in other programs of the department, the preparation of contingency plans, the acquisition, construction, maintenance and operation of equipment, facilities and resources for monitoring, prevention and control of releases, and the staffing and training of personnel regarding the prevention and control of releases of hazardous material.

Section 7. Any owner or operator of a site or vessel and any person otherwise described in paragraph (a) of section five, as soon as he has knowledge of a release or a threat of release of oil or hazardous material, shall immediately notify the department thereof. Such notice shall not be required hereunder for any release which conforms to the terms of a currently valid permit or license issued by the department. Such notice shall not be required hereunder for the application of a pesticide product registered under the Federal Insecticide, Fungicide, and Rodenticide Act 7USCSec.136 et seq., and under the provisions of chapter one hundred and thirty-two B, or to the handling and storage of such a pesticide product by an agricultural producer.

B. Definition of Oil and Hazardous Materials

Hazardous materials are defined as material including but not limited to, any material in whatever form, which, because of it's quantity, concentration, chemical, corrosive, flammable, reactive toxic, infectious or radioactive characteristics, either separately or in combination with any substance or substances, constitutes a present or potential threat to human health, safety, welfare, or to the environment, when improperly stored, treated, transported, disposed of, used, or otherwise managed. Term shall not include oil. The term shall also include all those substances which are included under 42 USCS Sec.9601(14), but it is not limited to those substances.

Oil is described as insoluble or partially soluble oils of any kind or origin or in any form, including, without limitation, crude or fuel oils, lubrication oil or sludge, asphalt, insoluble or partially insoluble derivatives of mineral, animal or vegetable oils. The term shall not include waste oil, and shall not include those substances which are included in 42 USCS Sec.9601(14).

Soil Screening and Laboratory Analysis

BORING No.	SAMPLE No.	VOLATILES (Parts per Million)
B-1	S-1	0.7
	S-2	0.8
	S-3	0.6
B-2	S-1	0.4
	S-2	0.4
B-3	S-1	0.7
	S-2	0.6
	S-3	0.5
B-4	S-1	0.6
	S-2	2.2
B-5	S-1	0.5
	S-2	2.1

Note: Screening parameters for the above are as follows:

1. HNU PI-101 PHOTOIONIZATION ANALYZER
2. @ 10.2 ELECTRON VOLTS
3. SPAN CALIBRATED FOR BENZENE (REQUIRED BY DEP)
4. BACKGROUND AT 0.4 PPM

Since 1951

CDC CARR-DEE CORP.
Complete Soil Investigation Service

37 Linden Street • P.O. Box 67 • Medford, MA 02155-0001 • Telephone (617) 391-4500 • Fax (617) 395-3231

December 29, 1989

IES FILE NO. 789-374

I.E.S., Inc.
Suite 312
265 Medford Street
Somerville, MA 02143

Attn: Mr. Barry Woodworth

Attached herewith are the results of subsurface investigation (one copy), made as directed at site for 21E Study, 87 Grove Street, Franklin, MA.

Classification of soil samples were taken from driller's field logs. It is our policy to examine and sometimes re-classify said samples. This we could not do, since samples were left with your representative at the field site. Therefore, we suggest that soil classifications are subject to change.

At your convenience, please furnish this office with a plan or sketch indicating test boring locations, in order to complete our file.

In making inquiries, please refer to our Job No. 89410.

Very truly yours,

CARR-DEE CORP.

Henry J. DeSimone

Henry J. DeSimone
Principal

HJD/mh

CARR-DEE CORP.

37 LINDEN STREET P.O. BOX 67 MEDFORD, MA 02155-0001 Telephone (617) 391-4500

To I.E.S., INC., 265 MEDFORD STREET, SOMERVILLE, MA Date Dec. 29, 1989 Job No. 89410

Job Site 21E STUDY, 87 GROVE STREET, FRANKLIN, MA Scale 1" = 3 f

BORING 2

Ground Surface

	F I L L, SAND, GRAVEL, LOAM, WOOD, BRICK, METAL, CINDERS		S#1, FROM 0'0" TO 2'0" AUGER SAMPLE
		2 2 15 29	S#2, FROM 5'0" TO 7'0" RECOVERED 6"
7'0"			

REFUSAL ENCOUNTERED WITH AUGERS

WATER LEVEL 5'6"
SIZE OF AUGERS 3-3/4" I.D., LENGTH 7'0"
DRILLER: RENE' DESIMONE, INSPECTOR: D. JAFFE
DATE STARTED & COMPLETED: 12-28-89

Samples have been visually classified by Driller. Unless otherwise specified, water levels noted were observed at completion of borings, and do not necessarily represent permanent ground water levels. Figures in right hand column indicate number of blows required to drive Two-Inch Split Sampler 6 inches using 140 lb. weight falling 30 inches. Figures in column to left (if noted) indicate number of blows to drive casing one foot, using 140 lb. weight falling 24 inches(+/-).

CARR-DEE CORP.

37 LINDEN STREET P.O. BOX 67 MEDFORD, MA 02155-0001 Telephone (617) 391-4500

To I.E.S., INC., 265 MEDFORD STREET, SOMERVILLE, MA Date Dec. 29, 1989 Job No. 89410

Site 21E STUDY, 87 GROVE STREET, FRANKLIN, MA Scale 1" = 3 ft.

BORING 3

Ground Surface

0'3"	ASPHALT		
	FILL LOAM, SAND, GRAVEL, TRACE OF BRICK		S#1, FROM 0'6" TO 2'6" AUGER SAMPLE
5'0"	VERY DENSE FINE TO MEDIUM SAND & GRAVEL	18 25 29 19	S#2, FROM 5'0" TO 7'0" RECOVERED 8"
7'0"	FINE SAND & INORGANIC SILT		
11'0"			S#3, AUGER SAMPLE AT 10'0 FROM 10'0" TO 11'0"

- R E F U S A L -

(120 BLOWS, S.S., 140-LB. WGT., NO PENETRATION)

WATER LEVEL 10'0"
SIZE OF AUGERS 3-3/4" I.D., LENGTH 10'0"
DRILLER: RENE' DESIMONE, INSPECTOR: D. JAFFE
DATE STARTED & COMPLETED: 12-28-89

ples have been visually classified by Driller. Unless otherwise specified, water levels noted were observed at completion ings, and do not necessarily represent permanent ground water levels. Figures in right hand column indicate number of blows equired to drive Two-Inch Split Sampler 6 inches using 140 lb. weight falling 30 inches [illegible]. Figures in column to left if noted) indicate number of blows to drive casing one foot, using 300 lb. weight falling 24 inches [illegible].

CARR-DEE CORP.

37 LINDEN STREET P.O. BOX 67 MEDFORD, MA 02155-0001 Telephone (617) 391-4500

To I.E.S., INC., 265 MEDFORD STREET, SOMERVILLE, MA Date Dec. 29, 1989 Job No. 89410

Site 21E STUDY, 87 GROVE STREET, FRANKLIN, MA Scale 1" = 3

BORING 5

Ground Surface

	F I L L SAND, GRAVEL, COBBLES		S#1,	FROM 0'6" TO 2'6" AUGER SAMPLE
4'6"	MEDIUM DENSE FINE TO MEDIUM SAND, GRAVEL, SOME INORGANIC SILT	12 13 8 15	S#2,	FROM 5'0" TO 7'0" REC. NOT RECORDED ON FIELD LOG.
8'0"				

REFUSAL ENCOUNTERED WITH AUGERS

NO WATER ENCOIUNTERED
SIZE OF AUGERS 3-3/4" I.D., LENGTH 8'0"
DRILLER: RENE'DESIMONE, INSPECTOR: D. JAFFE
DATE STARTED & COMPLETED: 12-28-89

les have been visually classified by Driller. Unless otherwise specified, water levels noted were observed at completion s, and do not necessarily represent permanent ground water levels. Figures in right hand column indicate number of blows ed to drive Two-inch Split Sampler 6 inches using 140 lb. weight falling 30 inches - - . Figures in column to left noted) indicate number of blows to drive casing one foot, using 300 lb. weight falling 24 inches - - .

ALI
ANALYTICAL
LABORATORIES, INC.
DES ENV CONSULTANTS BUILDING SUITE [illegible]
265 MEDFORD STREET SOMERVILLE, MA 02143
(617) 776-0328

CERTIFICATE OF ANALYSIS

Client:	IES, Inc.	ALI Job No:	290-100
Address:	265 Medford Street Somerville, MA 02143	Client Job No:	789-374
		Date Sampled:	1-2-90
Attn:	Dan Jaffe	Date Received:	1-3-90
		Date Analyzed:	1-3-90

Sample Description: Arnold-Franklin

References:

1. "Volatile Aromatic and Unsaturated Organic Compounds in Water by Purge and Trap Gas Chromatography, Method 503.1" USEPA, EMSL, Cincinnati, Ohio, April, 1981.
2. "The Determination of Halogenated Chemicals in Water by the Purge and Trap Method, Method 502.1", USEPA, EMSL, Cincinnati, Ohio, April, 1981.
3. "EPA Method Validation Study 23, Method 601 (Purgeable Halocarbons)", USEPA, EMSL, Cincinnati, Ohio, 45268
4. "EPA Method Validation Study 24, Method 602 (Purgeable Aromatics)", USEPA, EMSL, Cincinnati, Ohio, 45628

Authorized By: Gerard Goguen
Gerard Goguen-Laboratory Director

ANALYTICAL LABORATORIES, INC.

EPA Method 502.2 - Volatile Organics in Water

ample ID: B-1 Water Sample

ARAMETER	RESULTS (ug/L)	PARAMETER	RESULTS (ug/L)
enzene	ND	2,2-Dichloropropane	ND
romobenzene	ND	1,1-Dichloropropene	ND
romochloromethane	ND	Ethylbenzene	ND
romodichloromethane	ND	Hexachlorobutadiene	ND
romoform	ND	Isopropylbenzene	ND
-Butylbenzene	ND	p-Isopropyltoluene	ND
-Butylbenzene	ND	Methylene Chloride	ND
-Butylbenzene	ND	Napthalene	ND
arbon Tetrachloride	ND	n-Propylbenzene	ND
hlorobenzene	ND	Styrene	ND
hlorodibromomethane	ND	1,1,1,2-Tetrachloroethane	ND
hloroform	ND	1,1,2,2-Tetrachloroethane	ND
-Chlorotoluene	ND	Tetrachloroethylene	ND
lorotoluene	ND	Toluene	ND
ibromo-3-Chloropropane	ND	1,2,3-Trichlorobenzene	ND
,2-Dibromomethane	ND	1,2,4-Trichlorobenzene	ND
ibromomethane	ND	1,1,1-Trichloroethane	ND
,2-Dichlorobenzene	ND	1,1,2-Trichloroethane	ND
,3-Dichlorobenzene	ND	Trichloroethylene	ND
,4-Dichlorobenzene	ND	Trichlorofluoromethane	ND
,1-Dichloroethane	ND	1,2,3-Trichloropropane	ND
,2-Dichloroethane	ND	1,2,4-Trimethylbenzene	ND
,1-Dichloroethene	ND	1,3,5-Trimethylbenzene	ND
is-1,2-Dichloroethene	ND	Vinyl Chloride	ND
rans-1,2-Dichloroethene	ND	O-Xylene	ND
,2-Dichloropropane	ND	m,p-Xylene	ND
,3-Dichloropropane	ND		

Some unknowns present but not detectable by this method.

- Method Detection Limits are listed on the attached sheet. (Determined on 60 m x 0.75mm ID Vocol Capillary Column)
- Internal standards: Fluorobenzene and 2-Bromo-1-Chloropropane.
- ND- Indicates compound is not determined.

ANALYTICAL LABORATORIES, INC.

EPA Method 502.2 - Volatile Organics in Water

Sample ID: B-2 Water Sample

PARAMETER	RESULTS (ug/L)	PARAMETER	RESULTS (ug/L)
Benzene	ND	2,2-Dichloropropane	ND
Bromobenzene	ND	1,1-Dichloropropene	ND
Bromochloromethane	ND	Ethylbenzene	ND
Bromodichloromethane	ND	Hexachlorobutadiene	ND
Bromoform	ND	Isopropylbenzene	ND
n-Butylbenzene	ND	p-Isopropyltoluene	ND
s-Butylbenzene	ND	Methylene Chloride	ND
t-Butylbenzene	ND	Napthalene	ND
Carbon Tetrachloride	ND	n-Propylbenzene	ND
Chlorobenzene	ND	Styrene	ND
Chlorodibromomethane	ND	1,1,1,2-Tetrachloroethane	ND
Chloroform	ND	1,1,2,2-Tetrachloroethane	ND
2-Chlorotoluene	ND	Tetrachloroethylene	ND
4-Chlorotoluene	ND	Toluene	ND
1,2-Dibromo-3-Chloropropane	ND	1,2,3-Trichlorobenzene	ND
1,2-Dibromomethane	ND	1,2,4-Trichlorobenzene	ND
Dibromomethane	ND	1,1,1-Trichloroethane	ND
1,2-Dichlorobenzene	ND	1,1,2-Trichloroethane	ND
1,3-Dichlorobenzene	ND	Trichloroethylene	ND
1,4-Dichlorobenzene	ND	Trichlorofluoromethane	ND
1,1-Dichloroethane	ND	1,2,3-Trichloropropane	ND
1,2-Dichloroethane	ND	1,2,4-Trimethylbenzene	ND
1,1-Dichloroethene	ND	1,3,5-Trimethylbenzene	ND
cis-1,2-Dichloroethene	ND	Vinyl Chloride	ND
trans-1,2-Dichloroethene	ND	O-Xylene	ND
1,2-Dichloropropane	ND	m,p-Xylene	ND
1,3-Dichloropropane	ND		

Some unknowns present but not detectable by this method.

- Method Detection Limits are listed on the attached sheet. (Determined on 60 m x 0.75mm ID Vocol Capillary Column)
- Internal standards: Fluorobenzene and 2-Bromo-1-Chloropropane.
- ND- Indicates compound is not determined.

I E S, INC.
ENVIRONMENTAL CONSULTANTS
265 MEDFORD ST. • SOMERVILLE, MA 02143
(617) 623-8880 • FAX # (617) 629-2920

Direct Dial Numbers
Cosmo D. Capobianco: (617) 623-8881
David P. Borans: (617) 776-8549
Damian J. Capobianco: (617) 623-5168
Gerard R. Goguen: (617) 776-0926
Michael V. Guzikowski: (617) 776-0578
Daniel G. Jaffe: (617) 776-2715
Michelle Montague: (617) 776-0829
D. Barry Woodworth: (617) 776-1950

July 24, 1991

Mr. John Riedle
F.D.I.C.
124 Grove Street
Franklin, MA 02038

Re: IES Job No. 791-266
Test Borings and Analysis
87 Grove Street
Franklin, MA

Dear Mr. Riedle:

As directed by you, a test boring, soil sample screening, and groundwater analysis program was performed on the above referenced site. This program was performed due to the presence of two 2,000 gallon gasoline tanks, one 1,000 gallon fuel oil tank, and one 5,000 gallon fuel oil tank at the site. These underground tanks have been abandoned, and Chief Francis Malloy of the Franklin Fire Department indicated that he will require their removal in the near future. Chief Malloy stated that his main concern was that Mine Brook, which bisects the site, is a source of drinking water for the Town of Franklin.

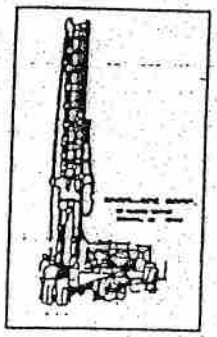
This program consisted of four test borings advanced at various locations at the site. These borings (B-1A through B-4A) were advanced at locations down gradient of the underground gasoline and fuel oil tanks at the site in order to better determine any environmental threat posed by these tanks. Test boring B-1A was advanced on the down gradient side of the gasoline tanks on the southern portion of the property; B-2A was advanced on the down gradient side of the underground fuel oil tank, adjacent to Mine Brook; B-3A was advanced on the western side of the property, adjacent to Mine Brook; and boring B-4A was advanced adjacent to the underground fuel oil tank located on the northern portion of the property (see attached boring location plan). The groundwater at the site is presumed to flow toward Mine Brook which flows from east to west through the center of the site.

Since 1951

CDC CARR-DEE CORP.
Complete Soil Investigation Service

37 Linden Street • P.O. Box 67 • Medford, MA 02155-0001 • Telephone (617) 391-4500 • Fax (617) 395-3231

July 17, 1991



I.E.S. FILE # 791-266

IES, Inc.
265 Medford Street, STE 312
Somerville, MA 02143

Attn: Mr. Daniel G. Jaffe

Attached are the results of subsurface investigation (original tracing), made as directed at site for 21E Study, 87 Grove Street, Franklin, MA.

Classification of soil samples are from driller's field logs. Our policy is to examine and sometimes re-classify said samples. This we could not do, since samples were handed to your representative at the field site. Therefore, we suggest that soil classifications are subject to change.

At your convenience, please provide this office with a plan indicating test boring locations, to complete our file.

In making inquiries, please refer to our Job No. 91149.

Very truly yours,

CARR-DEE CORP.

Henry J. DeSimone

Henry J. DeSimone
Principal

HJD/rhd

Tetrachloroethene was detected in the composite soil sample at a concentration of 3,440 ug/kg; 1,1,1-Trichloroethane was detected at level of 630 ug/kg; and a level of 3,680 ug/l of Trichloroethene was detected in the composite soil sample obtained from boring B-4A.

The source of the contamination is not known, although it appears that the VOC's detected at the site may be the result of a surficial release from the jewelry manufacturing business that had previously occupied the site. Tetrachloroethene is a solvent that is widely used in dry cleaning and degreasing operations; 1,1,1-Trichloroethane is used as an industrial cleaner and degreaser of metals as well as a resin adhesive and vapor pressure depressant; Trichloroethene is used as a solvent for degreasing metal and as a septic tank cleaner. Each of these solvents was likely used by the former jewelry manufacturer that had occupied the site from the late 1950's to the late 1980's.

Based on the information obtained from this test boring, soil sample screening, and soil and groundwater analysis program, IES, Inc. considers the site to exhibit a release of solvents pursuant to M.G.L. Chapter 21-E. As a result, it is the recommendation of IES that owner of the site be informed of his obligation to notify the DEP of these findings. This can be accomplished by forwarding a copy of this report to the DEP Southeast Regional Office at Lakeville Hospital, Lakeville, MA 02347.

It appears that the extent of contamination is relatively minor, and is the result of a surficial release of solvents from the former jewelry manufacturer which had operated on the site in the past. However, further investigation is necessary in order more accurately determine the extent of the contamination.

It is also the recommendation of IES that the abandoned 2,000 gallon gasoline tank and the 1,000 gallon fuel oil tank be excavated and removed from the site by a licensed tank removal contractor. This is required by the State Fire Marshal Regulation CMR 9 527, and has been requested by Chief Malloy of the Franklin Fire Department. It appears that the removal of the 5,000 gallon fuel oil tank may adversely affect the structural integrity of the building, and as a result, pending local fire department approval, it is the opinion of IES that this tank should be cleaned and filled with a slurry mixture or appropriate inert material, in order to be legally abandoned in place.

HNU PHOTOIONIZATION RESULTS

BORING No.	SAMPLE No.	VOLATILES (parts per million)
B-1A	S-1	0.4
	S-2	0.5
	S-3	0.5
	S-4	0.4
B-2A	S-1	0.4
	S-2	0.4
	S-3	No Recovery
B-3A	S-1	0.8
	S-2	0.4
	S-3	0.7
B-4A	S-1	21
	S-2	8.5
	S-3	4.1
	S-4	1.5

Note: Screening parameters for the above are as follows

1. HNU PI-101 PHOTOIONIZATION ANALYZER
2. @ 10.2 ELECTRON VOLTS
3. SPAN CALIBRATED FOR BENZENE (REQUIRED BY DEP)
4. BACKGROUND AT 0.4 ppm

CARR-DEE CORP.

37 LINDEN STREET P.O. BOX 67 MEDFORD, MA 02155-0001 Telephone (617) 391

To I.E.S., INC., 265 MEDFORD STREET, SOMERVILLE, MA Date Jul. 12, 1991 Job No. 91

Location 21E STUDY, 87 GROVE STREET, FRANKLIN, MA Scale 1" = 3

BORING 2

Ground Surface

0'3"	ASPHALT		
	FILL SAND, GRAVEL, LOAM	AUGER FLIGHT SAMPLE	S#1, FROM 0'3" TO 2'0"
		2 2 1 1	S#2, FROM 5'0" TO 7'0" RECOVERED 9"
8'6"			
	AUGERS INDICATE POSSIBLE CHANGE OF SOIL (NO SAMPLE OBTAINED)	100/2"	FROM 10'0" TO 10'2" RECOVERED 0"
11'6"			

REFUSAL ENCOUNTERED WITH AUGERS

WATER LEVEL 8'6"
SIZE OF AUGERS 3-3/4" I.D., LENGTH 11'6"
DRILLER: JOHN A. DESIMONE, INSPECTOR: DANIEL JAFFE
DATE STARTED & COMPLETED: 7-11-91

INSTALLED OBSERVATION WELL (2" PVC PIPE, 10'0" SLOTTED, 5'0" SOLID, 4'0" CUT-OFF), 11'0" BELOW GROUND SURFACE, INCLUDING ROADWAY BOX.

NOTE: 0'6" WAS CUT-OFF FROM BOTTOM OF SCREEN AND A FLAT CAP WAS ADDED.

All samples have been visually classified by Driller. Unless otherwise specified, water levels noted were observed at completio of borings, and do not necessarily represent permanent ground water levels. Figures in right hand column indicate number of bl required to drive Two-Inch Split Sampler 6 inches using 140 lb. weight falling 30 inches(+/-). Figures in colum to left (if noted) indicate number of blows to drive casing one foot, using 300 lb. weight falling 24 inches(+/-).

CARR-DEE CORP.
37 LINDEN STREET P.O. BOX 67 MEDFORD, MA 02155-0001 Telephone (617) 391-5

To I.E.S., INC., 265 MEDFORD STREET, SOMERVILLE, MA Date Jul. 12, 1991 Job No. 91147

Location 21E STUDY, 87 GROVE STREET, FRANKLIN, MA Scale 1" = 3

BORING 4

Ground Surface

0'3"	ASPHALT			
	FILL	15 12 11 8	S#1,	FROM 0'6" TO 2'6" RECOVERED 9"
	SAND, GRAVEL, LOAM, CINDERS, BRICK	12 5 5 3	S#2,	FROM 5'0" TO 7'0" RECOVERED 11"
		5 4 6	S#3,	FROM 7'0" TO 8'6" RECOVERED 7"
8'6"				
9'0"	FINE SAND	9	S#3A,	FROM 8'6" TO 9'0" RECOVERED 4"
	VERY DENSE FINE SAND & GRAVEL, TRACE OF MEDIUM SAND, INORGANIC SILT		S#4,	FROM 10'0" TO 11'6" RECOVERED 8" BLOW COUNTS NOT LOGGED
12'0"				

REFUSAL ENCOUNTERED WITH AUGERS

WATER LEVEL 9'0"
SIZE OF AUGERS 3-3/4" I.D., LENGTH 12'0"
DRILLER: JOHN A. DESIMONE, INSPECTOR: DANIEL JAFFE
DATE STARTED & COMPLETED: 7-11-91

INSTALLED OBSERVATION WELL (2" PVC PIPE, 10'0" SLOTTED, 5'0" SOLID, 3'0" CUT-OFF), 12'0" BELOW GROUND SURFACE, INCLUDING ROADWAY BOX.

NOTE: 0'6" WAS CUT-OFF FROM BOTTOM OF SCREEN AND A FLAT CAP WAS ADDED.

All samples have been visually classified by Driller. Unless otherwise specified, water levels noted were observed at completion of borings, and do not necessarily represent permanent ground water levels. Figures in right hand column indicate number of blows required to drive Two-Inch Split Sampler 6 inches using 140 lb. weight falling 30 inches(+/-). Figures in column to left (if noted) indicate number of blows to drive casing one foot, using 300 lb. weight falling 24 inches(+/-).

NEW ENGLAND CHROMACHEM
6 NICHOLS STREET
SALEM, MA 01970
1-508-744-6600

NEW ENGLAND CHROMACHEM
ENVIRONMENTAL TESTING AND ANALYSIS
6 NICHOLS STREET
SALEM, MA 01970
508-744-6600

DESCRIPTION: EPA METHOD 8240 VOLATILE ORGANICS
CLIENT: I. E. S.
LAB ID: 107067
CLIENT ID: 791-266 S-4 SOLID SAMPLE
DATE RECEIVED: 07/16/91
DATE ANALYZED: 07/17/91

PARAMETER	RESULTS (UG/KG)	PARAMETER	RESULTS (UG/KG)
ACETONE	ND	1,1-DICHLOROETHENE	ND
ACROLEIN	ND	TRANS-1,2-DICHLOROETHENE	ND
ACRYLONITRILE	ND	1,2-DICHLOROPROPANE	ND
BENZENE	ND	CIS-1,3-DICHLOROPROPENE	ND
BROMODICHLOROMETHANE	ND	TRANS-1,3-DICHLOROPROPENE	ND
BROMOFORM	ND	ETHANOL	ND
BROMOMETHANE	ND	ETHYLBENZENE	ND
2-BUTANONE	ND	ETHYL METHACRYLATE	ND
CARBON DISULFIDE	ND	2-HEXANONE	ND
CARBON TETRACHLORIDE	ND	IODOMETHANE	ND
CHLOROBENZENE	ND	METHYLENE CHLORIDE	ND
CHLOROETHANE	ND	STYRENE	ND
2-CHLOROETHYL VINYL ETHER	ND	1,1,2,2-TETRACHLOROETHANE	ND
CHLOROFORM	ND	TETRACHLOROETHENE	3440
CHLOROMETHANE	ND	TOLUENE	ND
DIBROMOCHLOROMETHANE	ND	1,1,1-TRICHLOROETHANE	630
DIBROMOMETHANE	ND	1,1,2-TRICHLOROETHANE	ND
1,4 DICHLORO-2-BUTANE	ND	TRICHLOROETHENE	3680
DICHLORODIFLUOROMETHANE	ND	TRICHLOROFLUOROMETHANE	ND
1,2-DICHLOROBENZENE	ND	1,2,3-TRICHLOROPROPANE	ND
1,3-DICHLOROBENZENE	ND	VINYL CHLORIDE	ND
1,4-DICHLOROBENZENE	ND	VINYL ACETATE	ND
1,1-DICHLOROETHANE	ND	TOTAL XYLENES	ND
1,2-DICHLOROETHANE	ND		

RECOVERIES OF INTERNAL STANDARDS	(%)
BROMOCHLOROMETHANE	96
1,4-DIFLUROBENEZENE	105
CHLOROBENEZENE-d5	98

METHOD DETECTION LIMIT = 50 UG/KG

CIS-1,2-DICHLOROETHENE 570

07/17/91
DATE

BRUCE A. BORNSTEIN
LABORATORY DIRECTOR

NEW ENGLAND CHROMACHEM
6 NICHOLS STREET
SALEM, MA 01970
1-508-744-6600

DESCRIPTION: EPA METHOD 624 PURGEABLES
CLIENT: I. E. S.
LAB ID: 107064
CLIENT ID: 791-266 B-1A LIQUID SAMPLE
DATE RECEIVED: 07/16/91
DATE ANALYZED: 07/17/91

PARAMETER	RESULTS (UG/L)	PARAMETER	RESULTS (UG/L)
ACETONE	ND	TRANS-1,2-DICHLOROETHENE	ND
BENZENE	ND	1,2-DICHLOROPROPANE	ND
BROMODICHLOROMETHANE	ND	CIS-1,3-DICHLOROPROPENE	ND
BROMOFORM	ND	TRANS-1,3-DICHLOROPROPENE	ND
BROMOMETHANE	ND	ETHYLBENZENE	ND
2-BUTANONE	ND	2-HEXANONE	ND
CARBON DISULFIDE	ND	METHYLENE CHLORIDE	ND
CARBON TETRACHLORIDE	ND	4-METHYL-2-PENTANONE	ND
CHLOROBENZENE	ND	STYRENE	ND
CHLOROETHANE	ND	1,1,2,2-TETRACHLOROETHANE	ND
2-CHLOROETHYLVINYL ETHER	ND	TETRACHLOROETHENE	ND
CHLOROFORM	ND	TOLUENE	ND
CHLOROMETHANE	ND	1,1,1-TRICHLOROETHANE	ND
DIBROMOCHLOROMETHANE	ND	1,1,2-TRICHLOROETHANE	ND
1,2-DICHLOROBENZENE	ND	TRICHLOROETHENE	ND
1,3-DICHLOROBENZENE	ND	TRICHLOROFLUOROMETHANE	ND
1,4-DICHLOROBENZENE	ND	VINYL CHLORIDE	ND
1,1-DICHLOROETHANE	ND	VINYL ACETATE	ND
1,2-DICHLOROETHANE	ND	TOTAL XYLENES	ND
1,1-DICHLOROETHENE	ND		

RECOVERIES OF INTERNAL STANDARDS	(%)
BROMOCHLOROMETHANE	105
2-BROMO-1-CHLOROPROPANE	101
1,4-DICHLOROBUTANE	98

METHOD DETECTION LIMIT = 1 UG/L

07/17/91
DATE

BRUCE A. BORNSTEIN
LABORATORY DIRECTOR

Phase I Environmental Site Assessment

Former Nu-Style Company, Inc. Facility

87 Grove Street (Lots 22 & 27)
Franklin, Massachusetts

May 2006

FUSS & O'NEILL
Disciplines to Deliver

Fuss & O'Neill
Foundry Corporate Office Center
275 Promenade Street, Suite 350
Providence, RI 02908

F:\P2005\0458\A10\15-87 Grove St\Phase I Report\PhI Rpt 041306 laj.doc
Corres.

May 24, 2006

Ms. Stephanie Mercandetti
Norfolk County Offices
614 High Street
P.O. Box 310
Dedham MA 02027

RE: Phase I Environmental Site Assessment
Former Nu-Style Company, Inc.
15 and 87 Grove Street (Map 276, Lots 22 and 27)
Franklin, Massachusetts

Dear Ms. Mercandetti:

We are pleased to submit the enclosed report of the Phase I Environmental Site Assessment at the above-referenced site. The assessment was conducted substantially in accordance with Standard Practice for Phase I Environmental Site Assessments E 1527-00 developed by the American Society for Testing Materials (ASTM, 2000) as a general standard for the facility investigation. The results of our assessment are summarized in the attached report. Thank you for the opportunity to conduct this work. Please contact me if we can be of further assistance.

Sincerely,

David J.P. Foss
Senior Hydrogeologist

C: Ms. Carol Harper, Town of Franklin

F:\P2005\0458\A10\15-87 Grove St\Phase I Report\PhI Rpt 041306 laj.doc
Corres.

FORMER NU-STYLE COMPANY, INC. FACILITY
TABLE OF CONTENTS

FORMER NU-STYLE COMPANY, INC. FACILITY
TABLE OF CONTENTS (continued)

1.0 INTRODUCTION

Fuss & O'Neill, Inc. (Fuss & O'Neill) has been retained by the County of Norfolk, Massachusetts to conduct a Phase I Environmental Site Assessment (ESA) of the former Nu-Style Company, Inc. (Nu-Style) property located at 87 Grove Street (Lots 22 and 27) in Franklin, Massachusetts (subject site). This ESA is being conducted under Cooperative Agreement BF-97114301-0 between the County of Norfolk and the United States Environmental Protection Agency (USEPA) dated August 23, 2004. In accordance with this Agreement, this Phase I ESA was performed in substantial conformance with the Standard Practice for Environmental Site Assessments E 1527-00 developed by the American Society for Testing and Materials (ASTM, 2000) as general standards for the facility investigation.

Refer to Appendix A for the scope of work and limitations of this ESA and to Appendix B for a listing of the offices contacted for this assessment and relevant site information.

The objective of this Phase I ESA was to identify recognized environmental conditions (RECs) with regard to the subject site. As defined by Standard Practice for Environmental Site Assessments E 1527-00 (ASTM Practice E 1527-00) developed by the American Society for Testing and Materials (ASTM, 2000), REC means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

2.0 SITE OVERVIEW

2.1 Site Information

2.1.1 Property Location, Size of Parcel, and Site Plan

The subject site, the former Nu-Style facility, is located at 87 Grove Street, on the western side of Grove Street in an industrial zone of Franklin, Massachusetts (Norfolk County). A portion of a United States Geological Survey (USGS) topographic map showing the subject site location is provided as Figure 1.

According to Town records, the subject site comprises two contiguous, irregularly shaped parcels (Map 276, Lot 22 and Lot 27). A site plan is provided as Figure 2. Both parcels were acquired via tax title by the Town of Franklin as a result of foreclosure. Lot 22 covers an area of approximately 9,929 square feet. Lot 27 adjoins Lot 22 to the east and is approximately 42,359 square feet in size. A vacant, partially dilapidated two-story building with a footprint of approximately 11,800 square feet is situated on Lot 27, and a vacant one and one-half-story building with a footprint of approximately 4,000 square feet sits on Lot 22. The Mine River flows westward along the southern side of the Lot 27 building and turns northward to form the western boundary of Lot 22. Copies of the property description

cards available at the Town of Franklin Tax Assessor's office are attached in Appendix C. A detailed description of the subject site developed during the site inspection is presented in Section 5.0.

2.1.2 Potable Water Supply and Sewage Disposal

According to personnel at the Town Engineering and Public Works Departments, the site was connected to public water in 1923. No information was available at the Department of Public Works, Engineering Department, or Town Health Department regarding municipal sewer connections or septic systems for the subject site; however, Health Department files state that the property adjacent to the south of Lot 27, which was also historically occupied by Nu-Style, was served by an on-site septic system as late as 2003.

2.1.3 Adjoining Land Use

Based on observations made during the site inspection and available mapping, properties adjoining the subject site include:

Address	Description	Direction from Subject Site
15 Grove Street (Lot 28)	Automotive repair garage attached to the northern end of Lot 22 site building; unpaved parking lot	North of both Lots 22 and 27
20 Grove Street	Light industrial/commercial facility, including: The Strawberry Patch (gifts/parties), Barry & John Chimney Sweeps, Franklin Power Equipment (sales and service), J.B. Supply Co. (alarm distributor), Paul Compton (plumbing and heating contractor)	East and Northeast, across Grove Street
Grove Street	Undeveloped woodlands	East and Southeast, across Grove Street
78 Grove Street (Lot 26)	Light industrial/commercial facility, containing: Gentle Giant Moving & Storage, First in Fashion, and offices	South of Lot 27
Grove Street (Lot 20)	Undeveloped	South and west

2.2 Physical Setting of Site

2.2.1 Geologic and Physiographic Setting

The topography of the subject site is fairly flat, except at the banks of the Mine Brook, where the topography drops steeply to the river bed (USGS, 1987). The regional topography is fairly hilly and generally drains to Mine Brook.

Surficial material at the subject site is mapped as loamy udorthents, which generally consist of moderately coarse-grained, deep and moderately deep, fairly well-drained soils (USDA, 2003). Fill described as sand, gravel, silt, loam, and boulders, and, in some cases, wood and brick was observed to depths of up to 8.5 feet during drilling conducted on the subject site and on the property adjacent to the south in 1989 by IES, Inc. (IES, 1990).

Bedrock beneath the subject site is mapped as Avalon Granite (Zen, 1983). Bedrock was not encountered during drilling and is not visible in the area of the subject site (IES, 1990).

2.2.2 Groundwater

Based on USGS mapping and field observations of the local topography and surface water hydrology, the inferred groundwater flow direction is generally to the southwest and west on the portion of the subject site north of Mine Brook and to the northwest and west on the portion of the site south of Mine Brook. Groundwater was encountered at a depth of approximately five to nine feet below grade during drilling by IES (IES, 1990).

According to the Massachusetts Contingency Plan (310 CMR 40.0932), groundwater at the subject site is classified as GW-2/GW-3. All groundwater in the Commonwealth of Massachusetts is considered a potential source of discharge to surface water and, therefore, is categorized, at a minimum, as class GW-3.

GW-2 also applies to the site because groundwater at the site is typically present at depths of less than 15 feet below grade and, at the northern portion of the site, is within 30 feet of a potentially occupied building. In addition, it is likely that regularly occupied structures will be present at the site subsequent to redevelopment. Category GW-2 groundwater is considered a potential source of vapors of oil and/or hazardous material to indoor air.

The site is not located within a MADEP Zone II (aquifer protection area), potentially productive aquifer, or other GW-1 inclusionary criteria (MassGIS, 2005); therefore, a classification of GW-1 does not apply to the property.

2.2.3 Surface Water

The nearest surface water body is Mine Brook, which crosses the southern portion of Lot 27 and forms the western boundary of the subject site (USGS, 1987). According to the Massachusetts Surface Water Quality Standards (314 CMR 4.00) available on-line at www.mass.gov/dep/water/laws/314cmr4.htm, Mine Brook is a Class B surface water. Class B surface waters are designated for primary and secondary contact recreation and are a habitat for fish and other aquatic life and wildlife. They are considered suitable for compatible industrial process and cooling uses and for irrigation and other agricultural use. These waters also may be designated as a suitable public water supply source with appropriate treatment and must have consistently good aesthetic value.

2.2.4 Location of Public Water Supply Sources

Fuss & O'Neill used EDR Environmental Data Resources, Inc. (EDR), an environmental database search service, to obtain the information regarding public water supply wells and aquifer protection areas in the vicinity of the subject site. No public water supply wells or systems are located within a one-half-mile radius of the subject site; however, a public water supply system associated with Franklin Water Department Well # 2 is located just over 0.5 miles to the southeast of the subject site, at Beaver Pond (see Appendix D). This area is classified as Zone II (aquifer protection area). Based on the inferred groundwater flow direction, it is unlikely that any releases that may have occurred at the subject site would have an adverse impact on groundwater quality within the aquifer protection area.

Several United States Geological Survey (USGS) wells are also situated near Beaver Pond, as well as within a one-half-mile radius of the subject site. USGS wells within a one-half-mile radius of the subject site are listed in the table below.

Well	Distance/Direction from Subject Site
USGS 3319020	~0.1 miles/East
USGS 3319051	~0.15 miles/North
USGS 3319013	~0.15 miles/East-southeast
USGS 3319068	~0.45 miles/Northwest
USGS 3319084	~ 0.5 miles/North-northwest

Mine Brook, which flows through the southern portion of the subject site and forms the western site boundary, is reportedly a source of drinking water for the Town of Franklin (IES, 1991); however, no mapping was found during our ESA to confirm this.

2.3 Previous Environmental Investigations

Portions of two reports summarizing environmental investigations previously conducted on the subject site and on the parcel adjacent to the south were reviewed and are discussed below.

January 1990

In January 1990, IES completed a report of a Chapter 21E Site Evaluation of 87 Grove Street for Home National bank of Milford, Massachusetts. Portions of the report were available for review at the Franklin Health Department. A copy of the available portion of the report is provided in Appendix E.

The IES investigation included the drilling of soil borings and the collection and analyses of soil and groundwater samples on the subject site and on the parcel adjacent to the south of Lot 27 (Lot 28). Note that the map and parcel numbers have changed since the IES investigation, as summarized in the table below.

Previous		Current		Comments
Map	Lot	Map	Lot	
72	5	276	22	Subject site
72	6	276	27	Subject site
72	7	276	26	Adjacent south

Site use: According to the IES report, the building on Lot 22 was used for vehicle maintenance at the time of their investigation, and the other buildings were being vacated, having most recently been used for jewelry manufacturing.

Water and sanitary services: The report states that the site was served by municipal water and by an on-site septic system. IES does not show the location of the septic system; therefore, we could not determine whether one system served all three parcels being

investigated or on which parcel the septic system was situated. However, a May 2, 2003 letter to the Franklin Board of Health and Building Commissioner from the Department of Public Works (DPW) states that a septic system was located on Lot 26 (a.k.a. 78 Grove Street), adjacent to the south of the site, and recommended connection to the municipal sanitary sewer system prior to the reoccupation of the building.

Heating: According to IES, both buildings on subject site (Lots 22 and 27) were heated using steam generated by oil stored in a 5,000-gallon tank situated in a bunker on the west side of the Lot 27 building. Vent and fill pipes and likely an access way for the bunker were observed in this area during our current investigation. A 275-gallon above-ground storage tank of unknown use was also observed in this area by both IES and Fuss & O'Neill.

Hazardous material storage: IES observed numerous drums north of the Lot 22 garage and throughout the interior of the Lot 27 building. Labels on the drums indicated that materials used and stored on the subject site included chlorinated solvents (1,1,1-trichloroethane), methyl ethyl ketone, chromic acid, paints, paint thinners/strippers, potassium cyanide, lubricating oils, liquid nickel sulfate and nickel chloride. It is unclear if IES observed these drums on the subject site or on the parcel adjacent to the north.

Sampling: IES collected soil and/or groundwater samples from five borings (B-1 through B-5) drilled on the three parcels. A figure provided by IES shows the approximate boring locations; however because the figure is schematic and is not to scale, the precise boring locations could not be determined.

Two of the borings (B-1 and B-2) were drilled adjacent to underground storage tanks located on Lot 26. Borings B-3 and B-5 were situated on the north side of the Lot 27 building, and boring B-4 was advanced in the exterior "barrel area" north of the Lot 22 garage. Field screening indicated the presence of trace concentrations of volatile organic compounds (VOCs) in the soil at borings B-4 and B-5; therefore, soil from the two borings from a depth of approximately five feet below grade was composited into one sample, which was analyzed for VOCs. No VOCs were detected. Groundwater was not encountered at these two boring locations.

Groundwater samples collected from B-1 and B-2 were also analyzed for VOCs, which were not detected. No information regarding sample analysis for soil or groundwater collected from B-3 was reported; therefore, we infer that no samples were analyzed because field screening did not indicate the presence of VOCs.

IES concluded that no releases of hazardous materials or petroleum products had occurred at the site; however, it is Fuss & O'Neill's opinion that the IES investigation was not adequate to definitively rule out on-site releases. The use and storage of hazardous substances and petroleum products associated with site operations is considered an REC.

July 1991

In July 1991, IES collected soil samples from four additional borings (B-1A through B-4A) to assess whether releases associated with underground storage tanks had occurred. As with the 1990 investigation, only portions of the July 24, 1991 were available for review at the Franklin Health Department. A copy of the report was also available at the Franklin Fire Department, but copies could not be made. A figure depicting the boring locations was not included with the report.

Soils generally consisted of fill containing loam, sand, gravel, and, in some cases, brick and cinders. Fill materials were observed to depths of up to 8.5 feet below grade. Deeper soils consisted of very dense, fine-grained sand, silt, and gravel. Groundwater was encountered at depths of approximately 8.5 to 9 feet. Monitoring wells were installed within the borings to allow for the collection of groundwater samples.

IES identified releases of chlorinated solvents to soil and groundwater at boring location B-4A, which was situated downgradient of USTs at the site and north of Mine Brook. Based on the vertical distribution of VOCs in soil, IES inferred that the presence of VOCs was the result of a surface release. The concentrations of two VOCs detected in groundwater (tetrachloroethene at 284 micrograms per liter, or ug/L, and trichloroethene at 301 ug/L) exceeded the Massachusetts drinking water standards.

IES recommended further investigation to evaluate the extent of the releases. In addition, it was recommended that an abandoned 2,000-gallon gasoline UST and a 1,000-gallon heating oil UST be removed, and that the 5,000-gallon heating oil tank be cleaned and properly abandoned in place. No figures were available showing the locations of the tanks; however, based on the January 1990 report, we infer that the 5,000-gallon tank is situated inside the bunker on the west side of the Lot 27 building and the 1,000-gallon and 2,000-gallon USTs were located on Lot 26 (south of the subject site).

3.0 SITE HISTORY

The following sources were used to develop the history of the subject site and, to the extent required by ASTM Practice E 1527-00, the nearby sites:

- A 1978 aerial photograph available through Environmental Data Resources Inc. (EDR). Aerial photographs available through EDR for other years did not cover the area of the subject site.

- Historical USGS Topographic Maps for the years 1893, 1940, and 1946, available on-line from the Documents Department and Data Center of the University of New Hampshire (http://docs.unh.edu/nhtopos/nhtopos.htm)

- Historical USGS Topographic Maps for the years 1945, 1964, and 1979, available through EDR

- Files and personnel at the Town of Franklin offices of the Town Clerk, Building Department, Engineering Department, Planning and Zoning Department, Health Department, and Fire Department

Street directories and Sanborn mapping available through Environmental Data Resources Inc. (EDR) did not cover the area of the subject site. Aerial photographs are no longer available on-line from the University of Massachusetts Amherst. Note that the documents available in Town of Franklin files and historical topographic mapping allowed for the development of an adequate site history, despite the unavailability of the above-listed sources. The histories of the subject site and nearby properties based on the sources above are summarized below.

Subject Site:

Historical topographic maps depict a building on both Lot 22 and Lot 27 by 1893. Unionville Woolen Mills operated on the subject site and on properties adjacent to the north, northeast, south, and southwest, likely since the site was first developed. Mapping available at the Town offices indicates that the Franklin Paint Company occupied the subject site and the parcel adjacent to the south at some point in the past, possibly in the 1950s.

Town property cards indicate that the current site buildings were originally constructed circa 1900 (Lot 27) and circa 1945 (Lot 22). Several additions appear to have been constructed onto both buildings.

Until the early 1960s, the western end of Mine Brook Reservoir covered the eastern portion of Lot 27. A 1956 plan prepared for the Franklin Paint Company depicts a dam on the south-central portion of Lot 27, at the eastern end of the reservoir (see Appendix C). The reservoir is referred to as a pond in subsequent mapping, which shows the pond partially beneath the Lot 27 building.

A right-of-way currently located along the eastern boundary of Lot 22 is also known as "Old Grove Street." Grove Street was relocated from the current right-of-way to the east of the subject site in the mid to late 1950s. At that time, the portion of the pond located on the subject site was partially filled and Mine Brook was relocated to flow to the south of the Lot 87 building, as shown in a 1968 Plan of Land prepared for Unionville Woolen Mills, Inc. (provided in Appendix C). The origin of the fill materials could not be determined during our investigation; however, we infer that the area was filled as part of the Grove Street relocation municipal project. The fill area is currently mostly paved for use by commercial businesses occupying Lot 26 (adjacent to the south) for parking.

Carol and Richard Armstrong purchased the subject site in 1969 and used the property for jewelry manufacturing until the late 1980s under the names Nu-Style Company, Inc. and Image Jewelry. An elevated passageway (a covered pedestrian bridge) was constructed over Mill Brook circa 1969/1970. This bridge joined the Lot 27 building to the building located on Lot 26, adjacent to the south of the subject site. This bridge has since been demolished.

A 1975 plan for a proposed addition to the Lot 27 building indicates that this building was a manufacturing plant and the Lot 22 building was a garage. The Lot 22 building was most

recently used by a construction company for vehicular repair until it was vacated the end of 1989 (IES, 1990). Operations on both site parcels ceased in late 1989.

Nearby Properties:

By 1940, a small building or shed had been constructed to the north of the subject site, the current Lot 26 building was constructed south of the subject site, and another structure was built adjacent to the west of Lot 26. These buildings, along with those on the subject site and across the current Grove Street to the east (as well as those further north), were part of the Unionville Woolen Mills complex.

North: The property abutting the subject site to the north (15 Grove Street) was owned by the O'Connor family and contained a small building in the 1950s. Land beyond the railroad tracks that form this lot's property boundary was owned by Unionville Woolen Mills. The 15 Grove Street parcel is currently undeveloped, except for a large two-bay maintenance garage that was constructed onto the northern end of the Lot 22 site building in 1960.

South: As mentioned previously, the building on Lot 26 was connected via a pedestrian bridge over Mill Brook circa 1969. Nu-Style owned this building as well as the subject site. Mapping on file at the Building Department indicates that this building was used as office space in 1975. The building was recently remodeled (2004-2005) and currently contains commercial businesses, including a moving and storage company, a realtor, and other offices. As discussed above in Section 2.3, sampling conducted on this property revealed the presence of chlorinated solvents in soil and groundwater, particularly on the northern portion of the site. Due to its proximity to the subject site, there is the potential for releases that occur on this property to have an adverse impact on groundwater quality at the subject site. A storage shed is situated west of Lot 26.

West: Land across Mine Brook to the west of the subject site contains undeveloped woodlands and a house. The residence is not visible in the 1978 aerial photograph.

East: An industrial/commercial building is situated across Grove Street (at 20 Grove Street) to the northeast of the subject site. According to Town files, this building was constructed circa 1885 and was part of the Unionville Woolen Mills/Franklin Paint Company complex, at least through the 1950s. The building is currently occupied by commercial businesses and contractors.

Mine Brook forms the southern property boundary of the 20 Grove Street parcel. Undeveloped woodlands associated with Franklin State Forest occupy the land to the south of Mine Brook, across Grove Street to the east and southeast of the subject site.

4.0 FEDERAL, STATE, AND LOCAL FILE REVIEW

Files of Federal, State and local agencies were reviewed for environmentally-related issues pertinent to the subject site and nearby parcels, such as permits, inspection reports, enforcement history or documented releases of hazardous materials. The sources of information listed in the following table were researched to identify properties of concern within distances of the subject site specified by ASTM Practice E 1527-00.

Information Source*	Search Distance
Federal Files	
National Priorities List (NPL)	1 mile
Resource Conservation and Recovery Act (RCRA) Treatment, Storage or Disposal Facility (TSDF) List	0.5
CORRACTS list (RCRA Site Subject to Corrective Action)	1 mile
Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) List	0.5 mile
RCRA generators list	property and adjoining
Emergency Response and Notification List (ERNS) list	property and adjoining
State Files	
MADEP Bureau of Waste Site Cleanup list	1 mile
Landfill and solid waste site list	0.5 mile
Leaking Underground Storage Tank (LUST) list	0.5 mile
Oil & chemical spills database	property and adjoining
Registered Underground Storage Tank (UST) list	property and adjoining

*Fuss & O'Neill used EDR Environmental Data Resources, Inc. (EDR), an environmental database search service, to obtain the information referenced in the above table. EDR provides access to publicly available environmental databases maintained by various Federal and State agencies. A copy of the information provided by EDR relative to the subject site and nearby properties is included in Appendix D. Note that the map findings (site details) for properties inferred not to pose an environmental risk to the subject site are not included in Appendix D. The listed information sources are defined and described in detail in the EDR report.

4.1 Summary of Regulatory Database Information

Subject Site

The environmental databases provide the following information for the subject site:

CERCLIS: Nu-Style is listed as a CERCLIS site, with no further remedial action proposed by the United States Environmental Protection Agency (USEPA). The USEPA removed hazardous materials from the site and stated that no site assessment work was necessary. Removal was completed in November 1992. According to Mr. Jay Naparstek of the MADEP, the subject site was not and currently is not on the USEPA National Priority List.

RCRA Generator: The subject site was a listed as a RCRA Small Quantity Generator of Hazardous Waste, generating up to 1,000 kilograms of hazardous waste per month. The nature of the wastes generated at the site is not listed in the database; however, as discussed in Section 2.3, previous environmental investigations conducted at the subject site list materials such as chlorinated solvents, potassium cyanide, chromic acid, and lubricating oil as having been stored on the subject site.

In October 1986, Franklin Pumping Service, Inc. transported materials to United Waste Oil Company, Inc. of Milford, Connecticut. Manifests indicating the natures and amounts of materials removed from the site were not found during the file review.

Nearby Properties

Based on its proximity to the subject site, releases at the site discussed below have the potential to adversely impact the subject site.

Rte. 140 & Rte. 495 Relocation/Roadway Project: The Massachusetts Department of Environmental Protection (MADEP) received notice in May 2005 of releases containing petroleum product, chromium, and lead located at the intersection of Route 140 (West Central Street) and Route 495 (Grove Street). According to a Response Action Report (RAO) on file at the MADEP, stained soil was discovered during excavation of a detention basin (Haley & Aldrich, 2005). Approximately 821 tons of soil was excavated from the site for disposal. In accordance with an NPDES Exclusion Permit, groundwater pumped from the excavation was treated and analyzed prior to discharge to a stormwater catch basin that discharges to Mine Brook, downstream from the subject site. Portions of the Haley & Aldrich report are attached in Appendix F.

As a result of the release, this property is listed by the State as an Unclassified Waste Site. The database reports that abatement was conducted, a completion statement was received, and a permanent solution was achieved; however, some contamination remains. The site is situated approximately 1,000 feet sidegradient (northwest) of the subject site; therefore, releases that occur at this site have a low potential to adversely affect groundwater quality at the subject site

4.2 MADEP File Review

As part of the file review, files and documents pertaining to the following were requested from the MADEP were reviewed on April 19, 2005:

- Nu-Style
- Route 140/I-495 Relocation Project

Nu-Style: According to files available for Nu-Style at the MADEP, Franklin Fire Chief Molloy reported to the MADEP on November 26, 1991 that the Nu-Style facility contained five underground storage tanks. In addition, on January 8, 1992, MADEP and Town officials inspected the site and observed more than 100 drums and other materials of hazardous substances, including plating waste, oil, sludges, and acids, on the property. Areas of staining were also noted, indicating that surface releases had occurred. Notes regarding Nu-Style from our MADEP file review are provided in Appendix F.

On May 22, 1992, the tanks were found to contain up to eight inches of heating oil or diesel with an aqueous phase. A memorandum on file at the Franklin Fire Department indicates that the product was pumped from the tanks (see Section 4.3 below).

Route 140/I-495 Relocation Project: The RAO for the Route 140/I-495 Relocation Project was available at the MADEP for review and is discussed above in Section 4.1. Relevant portions of the report are included in Appendix F.

4.3 Local File Review

Files and personnel at the Town of Franklin offices of the Town Clerk, Tax Assessor, Building Department, Planning and Zoning Department, Health Department, and Fire Department were queried regarding environmental concerns at the subject site and surrounding sites. In addition to information discussed in previous sections of this ESA, the documents discussed below were available for review in Town files. Note that Nu-Style operated both on the subject site's two parcels and on the property adjacent to the south, and investigations conducted by IES included all three parcels in its investigations; therefore, we infer that the Nu-Style site discussed in Town files includes the Lot 26 to the south, as well as the subject site.

- *Photographs:* Undated photographs on file at the Fire Department show numerous containers with capacities of 5 to 55 gallons inside the site building. In addition, vats, some containing a dark-colored liquid and others with blue-green staining were shown. Labels or markings on the containers indicate that they stored flammable liquids, liquid nickel sulfate, degreasers, fluorocarbon solvents, and resins.

- *February 23, 1990 – Letter from Town of Franklin Board of Health to Richard and Carol Armstrong*: This letter orders the Armstrongs, as owners of the subject site, to remove and dispose of the debris at the site. Photographs attached to the letter show a large amount of debris, including numerous drums, outside of the site buildings (see Appendix C).

- *January 13 (no year) – Handwritten note:* The Nu-Style site contained one 5,000-gallon and three 2,000-gallon Number 2 heating oil tanks, with 55 to 220 gallons of heating oil inside each.

- *January 14, 1992 – Memorandum from the Town Administrator to the Town Council:* This memorandum states that the USEPA had inspected the subject site and would likely remove the hazardous materials abandoned on the property at the end of January 1992.

- *January 20, 1992 – Letter from Fire Chief Malloy (recipient unknown)*: According to this letter, Nu-Style operated at the site until late 1984. The owners removed equipment from the property over the next year. Ownership of the property transferred from Richard Armstrong to a bank in 1991, when the Armstrongs declared bankruptcy. The bank closed around the same time, and the property defaulted to FDIC, who asserted later in a letter that they had no claim to the site. The Franklin fire chief found chemicals when inspecting the site and subsequently contacted the MADEP, who concluded that Mr. Armstrong was the generator of the waste observed by the fire chief.

- *April 7, 1992 – Memorandum from the Town Administrator to the Town Council:* This memo stated that the USEPA had completed its clean-up and environmental testing of the former Nu-Style site. Materials were placed in labeled drums and were to be shipped as hazardous waste. The heating oil tank remained at the site.

- *May 22, 1992 – Memorandum from Fire Chief Malloy to the Town Administrator (Wolfgang Bauer)*: This memo states that product was pumped from the tanks on the Nu-Style site on May 22, 1992.

- *Letter from Gary Lipson of the USEPA to Franklin Fire Chief Malloy (follow-up to November 16, 1992 conversation:* According this letter, USEPA removal action had been completed at the site. The last phase of this action included the removal of approximately 15 tons of soil and brick debris contaminated with metals. The surface materials remaining were covered with an inch of rip-rap to inhibit contact. The letter stated that the removal action met the criteria of the National Contingency Plan and recommended that an industrial hygienist inspect the building prior to reoccupation due to the possible presence of residual contaminants in building components.

- *November 3, 2005 Building Inspection Report, prepared by Franklin Building Commissioner David Roche:* This inspection report summarizes the poor, dilapidated condition of the site buildings and suggests that heating units or furnaces located in the basement of one building may have been used for foundry operations. The report also indicates the possible presence of lead-based paint and recommends testing by an abatement company and building demolition.

5.0 SITE RECONNAISSANCE

The site reconnaissance was conducted on April 11, 2006 by Lori Jagielow of Fuss & O'Neill, accompanied by Town of Franklin Building Commissioner, David Roche. During the site visit, the subject site was inspected for RECs. Photographs taken during the site inspection are presented in Appendix G. A key site manager familiar with the historical day-to-day operations at the site was not available for an interview.

The subject site comprises two contiguous parcels (Lot 22 and Lot 27), as shown in Figure 2. Lot 22 covers an area of approximately 9,929 square feet. Lot 27 adjoins Lot 22 to the east and is approximately 42,359 square feet in size. A building is present on each parcel. Site tanks and parcels are discussed separately below.

Tanks

Both the Lot 22 and Lot 27 buildings were reportedly heated by oil stored in a 5,000-gallon underground storage tank (UST) located inside a bunker on the western side of the Lot 27 building. Two apparent vent pipes and fill pipes were observed in the bunker area, suggesting that up to two tanks might be present inside the bunker. Staining was observed on the ground in the vicinity of the fill pipes, indicating that a surface release had occurred. A 275-gallon above-ground storage tank (AST) was observed adjacent to the fill pipes. The AST did not appear to be connected to any structures and might have been used for the storage of waste liquids. An apparent manway to the bunker's interior is located between the vent pipes, which are against the wall of the building, and the fill pipes, which are 15 or 20 feet west of the vent pipes. The access manway contained soil and debris at the time of the site inspection. A fill pipe labeled "Kerotest" was observed nearby, suggesting the presence of an additional UST; however, a vent pipe was not observed at this location.

Lot 22

Building

Historical topographic mapping depicts a building on this parcel by 1885. Town files indicate that the original portion of the current Lot 22 building was constructed circa 1945. The building was most recently used for motor vehicle maintenance and storage. The building was historically occupied by Nu-Style/Image Jewelry, Unionville Woolen Mills, and Franklin Paint Company. Its precise role with each business could not be determined.

The building is a one-story, wood-frame structure with a partial basement and small attic. This structure has a footprint of approximately 4,034 square feet and occupies the majority of the parcel. The building lies generally from the southern to the northern parcel boundary and was reportedly heated using steam generated by the Lot 27 building (IES, 1990). No boilers, furnaces, or evidence of above-ground or underground tanks (such as vent or fill pipes) were observed on Lot 22. Note that a two-bay garage constructed to the northern end of this site building is on the parcel north of the subject site (15 Grove Street, Lot 28) and is not included in our site assessment.

Basement areas have concrete floors and are beneath the western and southern portions of the building. Several new bathtubs and miscellaneous items are present in the basement, which also contains broken glass, newspapers, and cardboard. Two access ways lead to an earthen crawl space beneath the eastern portion of the building. A brick archway reveals an apparent tunnel beneath the building. The tunnel contains water, which is dammed by soil and flows slowly through a PVC pipe to the west. Historical mapping suggests that Mine Brook flowed beneath the Lot 27 building. We infer that the brook also flowed through the Lot 22 building via this tunnel. The tunnel could have been used for the disposal of liquid wastes; therefore, it is considered an REC.

The northern portion of the Lot 22 building consists of a two-bay garage with a concrete floor. Debris consisting of tires and metal and wooden items was present inside the garage. Staining was observed on the concrete floor. A five-gallon container labeled "nickel chloride" and a 55-gallon drum with unknown contents were observed in a room behind the garage.

The central portion of the first floor was carpeted and appeared to have been used as office space. Deteriorated tin ceilings give evidence of the building's age. Debris including paper, cardboard, and miscellaneous items was observed here and in other portions of the building.

The western portion of the first floor contained benches and cabinets, as well as items that appeared to be molds. Access to the attic is from this area. The attic was used for storage space and contains boxes of items used or distributed by the previous owner, such as cloth belts and costume jewelry. Rubbish was observed throughout the first floor and attic. No hazardous materials or petroleum products were observed.

Grounds

The grounds east of the Lot 22 building consists of a right-of-way that is covered by deteriorated asphalt and is mapped as Old Grove Street. The asphalt is cracked and deteriorated. No staining was observed in this area.

Mine Brook flows east to west along the southern property boundary and south to north along the western property boundary. Thick vegetation containing brush and trees grows between the brook and the western wall of the northern portion of the building. The grounds of Lot 22 contained a small amount of debris consisting of wooden and metal items. No staining or other evidence of a release was observed on the grounds of this parcel. An approximately 1.5-foot-diameter, three-inch-thick, horizontal, semi-circular piece of concrete was observed in the ground against the outside western wall of the basement. The purpose of this concrete is unknown. There is the potential that this concrete block is associated with the tunnel that runs beneath the building.

Lot 27

Building

Historical topographic mapping depicts a building on this parcel by 1885, and Town files confirm that the original portion of the current Lot 27 building was constructed circa 1900. As with the Lot 22 building, this structure was historically occupied by the woolen mills, paint factory, and jewelry manufacturing. The Lot 27 building was formerly Nu-Style's primary jewelry manufacturing facility. The building is a two-story, wood-frame structure with a footprint of approximately 11,806 square feet and a partial basement. Mine Brook flows from east to west through the central portion of Lot 27, adjacent to the southern building foundation wall. The building occupies the majority of that portion of the parcel that lies north of Mine Brook.

A basement with a concrete floor lies beneath the southern and western portion of the building. The southwestern corner of the basement houses the boiler room, which is fully occupied by a boiler and a work bench. Another apparent heating unit or furnace and an apparent air compressor are present in a larger room adjacent to the east. A hole in the northern wall of this room possibly provides access to the heating oil tank bunker or a crawl space. Observation of this area was difficult due to limited access and safety concerns.

Rooms located in the northern portion of the basement contained work benches with some small hand tools, shelving, and a caged area. A 55-gallon drum observed inside the caged area was mostly empty and was labeled, "Freon fluorocarbon drying fluid." The remainder of the basement contained rubbish, fluorescent light bulbs, and a small apparent metal vat. A possible vent to the outside was observed on the eastern end of the basement. Staining was observed in several locations on the basement floor.

The portion of the first floor that overlies the basement has wooden floors. The remainder of the first floor is concrete and is generally in fair condition, with a minor amount of cracking and deterioration. The eastern portion of the building is constructed on piers. As discussed in Section 5.0 of this ESA, this area was located above a pond until Mine Brook and Grove Street were realigned circa 1960. Debris consisting of windows, scrap metal, and wood was observed beneath this portion of the building.

A vat apparently used for acid washing (labeled, "Danger, acid") was present in the southeastern portion of the first floor. Large amounts of debris, including cardboard, rubbish, wood, and metal, was observed throughout all floors of the building. Empty 55-gallon drums are scattered throughout the first floor. Several empty drums and a gasoline can were observed in the apparent shipping/receiving area. Some staining was visible on the concrete floor; however, the presence of debris limited observations of the floor.

The northwestern portion of the building had collapsed. For safety considerations, a visual inspection was made through a doorway. This area was filled with debris, but no apparent hazardous materials or drums were observed.

The second floor, as with the rest of the building, contained rubbish. Several small paint-spray booths connected to a vent that discharges to the roof were observed. A larger apparent spray booth did not appear to be vented. Bird guano covered the floor.

Grounds

The grounds of Lot 27 are generally paved and include a right-of-way covered with deteriorated asphalt that serves as the northern portion of Old Grove Street. The portion of the site that lies south of Mine Brook contains mostly paved parking used by the commercial businesses at 78 Grove Street, which abuts the subject site to the south. This area contained a pond until Mine Brook and Grove Street were realigned circa 1960. The nature and origin of the materials used to fill the area are not known. The fill appears to have been placed by a municipality (likely the County or State). No documentation as to the quality of the fill material was found during this assessment.

Scrap wood, metal, and tires were observed along the northern and western sides of the building. The northern side of the building contains three loading docks and a fourth overhead door. The grounds at these shipping/receiving areas appear to be unpaved. No staining was observed; however, there is the potential for historical releases to have occurred during material handling at these locations.

A covered area is situated on the western side of the Lot 27 building. The bunker for the 5,000-gallon heating oil tank appears to lie underground beneath the covered area. Scrap metal and three drums were observed nearby during the site inspection. A small amount of water and sludge was observed inside two of the drums. The third drum is full of liquid that likely includes rain water, which could enter through holes in the top of the rusted container.

A trailer was parked west of the Lot 27 building at the time of the site visit. According to Mr. Roche, a contractor used the trailer for the storage of building materials, such as windows and doors.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Fuss & O'Neill, Inc. prepared this Phase I ESA report in conformance with the scope and limitations of ASTM Practice E 1527-00. Any exceptions to, or deletions from, this practice are described in Appendix A of this report. This assessment has revealed the following RECs associated with the subject site:

- The subject site has a long history (at least 90 years) of manufacturing, including textiles and jewelry. Materials used and stored at the site associated with jewelry manufacturing include cyanides, metals, chlorinated solvents, and petroleum products. Additional substances associated with textile manufacturing were also likely used. There is the potential for surface releases to have occurred associated with the use and storage of these materials. Files indicate that numerous drums of hazardous waste and petroleum products were situated outside of the site buildings.

- At least one underground storage tank appears to be present on the western side of the Lot 27 building. In addition, a heating oil tank reportedly exists in an underground bunker on the same side of the building. As with any underground tank, there is the potential for releases to have occurred associated with leaks or spills.

- A small tunnel containing slow-flowing water is present beneath the Lot 22 building. A review of mapping on file at the Town Building Department suggests that the tunnel runs, or ran in the past, from Mine Brook and beneath the Lot 27 building to the Lot 22 building. There is the potential that the tunnel was used by the former woolen mill for direct waste disposal to Mine Brook prior to the realignment of the brook in the 1960s.

- Releases of chlorinated solvents to soil and groundwater were identified on Lot 26, which abuts the subject site to the south. Due to the proximity of this property to the subject site, there is the potential for releases that occur on this property to adversely affect groundwater quality at the subject site. Note that this property was owned and occupied by the same entities that owned and operated the facilities at the subject site; therefore, there is the potential that similar releases have occurred at the subject site.

- The southern portion of the site contained a pond that was filled circa 1960. The fill appears to have been placed by a municipality. The nature and origin of the fill are not known.

In addition, debris was observed on the site. This debris should be removed, and if any evidence of a release (including staining, stressed or dead vegetation, or odors) is found, soil sampling is recommended.

We recommend that a Phase II ESA Scope of Study be developed and implemented to assess whether releases associated with the above-listed RECs have occurred. The Phase II would likely include the use of ground-penetrating radar to evaluate the presence of underground storage tanks and the collection and analyses of soil and groundwater samples for constituents of concern.

Although not part of the scope of this Phase I ESA, we identified the potential for the building to contain lead (paint/plumbing) and asbestos due to the age of the building (constructed prior to 1978). These items would likely present little environmental risk to the grounds of the site; however, these items may be future liabilities during construction, renovation, or demolition projects.

Fuss & O'Neill has followed the guidelines described in ASTM E1527-00 to identify the RECs at this site in a manner consistent with standard practice in the industry. However, as indicated in the ASTM standard, "No environmental site assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a property, and the practice recognizes reasonable limits of time and cost."

7.0 REFERENCES

American Society for Testing and Materials, 2000, Standard Practice for Environmental Site Assessments; Phase I Environmental Site Assessment Process: ASTM Practice E 1527-00.

Haley & Aldrich, 2005. Response Action Report for the Route 140/I-495 Relocation Project, April 2005.

IES, Inc., 1990. Chapter 21-E Site Evaluation, 87 Grove Street, Franklin, MA. January 17, 1990.

IES, Inc., 1991. Test Borings and Analysis, 87 Grove Street, Franklin, MA. July 24, 1991.

MassGIS, 2005. Massachusetts Geographic Information System, available on-line at http://maps.massgis.state.ma.us/massgis_viewer/index.htm, updated June 8, 2005.

USDA, 2003. United States Department of Agriculture, Natural Resources Conservation Services Soil Survey Geographic (SSURGO) Data Base, updated 2003.

United States Geological Survey, 1987. Franklin Quadrangle Massachusetts-Rhode Island, 7.5-Minute Series Topographic Map; United States Department of the Interior, U.S. Geological Survey, 1987.

Zen, Ean, 1983. Bedrock Geologic Map of Massachusetts; United State Department of the Interior, U.S. Geological Survey, in cooperation with the Commonwealth of Massachusetts Department of Public Works and Joseph A. Sinnot, State Geologist.

8.0 LIMITATIONS OF WORK PRODUCT

Those who may use or rely upon the report and the services (hereafter "work product") performed by Fuss & O'Neill, Inc. and/or its subsidiaries or independent professional associates, subconsultants and subcontractors (collectively the "Consultant") expressly accept the work product upon the following specific conditions.

1. Consultant represents that it prepared the work product in accordance with the professional and industry standards prevailing at the time such services were rendered.

2. The work product may contain information that is time sensitive. The work product was prepared by Consultant subject to the particular scope limitations, budgetary and time constraints and business objectives of the Client which are detailed therein or in the contract between Consultant and Client. Changes in use, tenants, work practices, storage, Federal, state or local laws, rules or regulations may affect the work product.

3. The observations described and upon which the work product was based were made under the conditions stated therein. Any conclusions presented in the work product were based solely upon the services described therein, and not on scientific or engineering tasks or procedures beyond the scope of described services.

4. In preparing its work product, Consultant may have relied on certain information provided by state and local officials and information and representations made by other parties referenced therein, and on information contained in the files of state and/or local agencies made available at the time of the project. To the extent that such files which may affect the conclusions of the work product are missing, incomplete, inaccurate or not provided, Consultant is not responsible. Although there may have been some degree of overlap in the information provided by these various sources, Consultant did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this project. Consultant assumes no responsibility or liability to discover or determine any defects in such information which could result in failure to identify contamination or other defect in, at or near the site. Unless specifically stated in the work product, Consultant assumes no responsibility or liability for the accuracy of drawings and reports obtained, received or reviewed.

5. If the purpose of this project was to assess the physical characteristics of the subject site with respect to the presence in the environment of hazardous substances, waste or petroleum and chemical products and wastes as defined in the work product, unless otherwise noted, no specific attempt was made to check the compliance of present or past owners or operators of the subject site with Federal, state, or local laws and regulations, environmental or otherwise.

6. If water level readings have been made, these observations were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in water levels may occur due to variations in rainfall, passage of time and other factors and such fluctuations may effect the conclusions and recommendations presented herein.

7. Except as noted in the work product, no quantitative laboratory testing was performed as part of the project. Where such analyses have been conducted by an outside laboratory, Consultant has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these tests.

8. If the conclusions and recommendations contained in the work product are based, in part, upon various types of chemical data, then the conclusions and recommendations are contingent upon the validity of such data. These data (if obtained) have been reviewed and interpretations made

by Consultant. If indicated in the work product, some of these data may be preliminary or screening-level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time and other factors.

9. Chemical analyses may have been performed for specific parameters during the course of this project, as described in the work product. However, it should be noted that additional chemical constituents not included in the analyses conducted for the project may be present in soil, groundwater, surface water, sediments or building materials at the subject site.

10. Ownership and property interests of all documents, including reports, electronic media, drawings and specifications, prepared or furnished by Consultant pursuant to this project are subject to the terms and conditions specified in the contract between the Consultant and Client, whether or not the project is completed.

11. Unless otherwise specifically noted in the work product or a requirement of the contract between the Consultant and Client, any reuse, modification or disbursement of documents to third parties will be at the sole risk of the third party and without liability or legal exposure to Consultant.

12. In the event that any questions arise with respect to the scope or meaning of Consultant's work product, immediately contact Consultant for clarification, explanation or to update the work product. In addition, Consultant has the right to verify, at the party's expense, the accuracy of the information contained in the work product, as deemed necessary by Consultant, based upon the passage of time or other material change in conditions since conducting the work.

13. Any use of or reliance on the work product shall constitute acceptance of the terms hereof.

APPENDIX D

ENVIRONMENTAL DATABASE SEARCH
Environmental Data Resources, Inc.

The EDR Radius Map
with GeoCheck®

Nu-Style Company
15 Grove Street
Franklin, MA 02038

Inquiry Number: 1826659.2s

January 02, 2007

EDR® Environmental
Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

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

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

15 GROVE STREET
FRANKLIN, MA 02038

COORDINATES

Latitude (North):	42.087300 - 42˚ 5' 14.3"
Longitude (West):	71.427900 - 71˚ 25' 40.4"
Universal Tranverse Mercator:	Zone 19
UTM X (Meters):	299190.4
UTM Y (Meters):	4662108.0
Elevation:	231 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	42071-A4 FRANKLIN, MA
Most Recent Revision:	1987

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
Delisted NPL..... National Priority List Deletions
NPL RECOVERY..... Federal Superfund Liens
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CORRACTS..... Corrective Action Report
RCRA-TSDF..... Resource Conservation and Recovery Act Information
RCRA-LQG..... Resource Conservation and Recovery Act Information
ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

HMIRS..... Hazardous Materials Information Reporting System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
US BROWNFIELDS..... A Listing of Brownfields Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
ODI..... Open Dump Inventory
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SWF/LF..... Solid Waste Facility Database/Transfer Stations
UST..... Summary Listing of all the Tanks Registered in the State of Massachusetts
LAST..... Leaking Aboveground Storage Tank Sites
AST..... Aboveground Storage Tank Database
MA Spills..... Historical Spill List
INST CONTROL..... Sites With Activity and Use Limitation
DRYCLEANERS..... Regulated Drycleaning Facilities
ENF..... Enforcement Action Cases
AIRS..... Permitted Facilities Listing
LEAD..... Lead Inspection Database

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
INDIAN UST..... Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

EXECUTIVE SUMMARY

FEDERAL RECORDS

CERCLIS-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/10/2006 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
NU-STYLE	*87 GROVE STREET*	*0 - 1/8 E*	*1*	*6*

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
NU-STYLE	*87 GROVE STREET*	*0 - 1/8 E*	*1*	*6*

STATE AND LOCAL RECORDS

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

A review of the SHWS list, as provided by EDR, and dated 10/30/2006 has revealed that there are 15 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
PROPERTY Facility Status: Response Action Outcome	*210 GROVE ST*	*1/4 - 1/2 SSE*	*3*	*12*
NO LOCATION AID Facility Status: Response Action Outcome	*12 FRG POND PARK*	*1/4 - 1/2 WSW*	*4*	*14*
MPM & STEWARD CORP BLDG Facility Status: Response Action Outcome	*FORGE PARK RD*	*1/4 - 1/2 WSW*	*5*	*15*
MOBIL SERVICE STATION Facility Status: Response Action Outcome Not Required	*660 WEST CENTRAL ST*	*1/2 - 1 ENE*	*8*	*20*

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
TEDESCHI FOOD SHOP Facility Status: Response Action Outcome Facility Status: Response Action Outcome	*533 WEST CENTRAL ST*	*1/2 - 1 E*	*9*	*25*
NO LOCATION AID	*438 WEST CENTRAL ST*	*1/2 - 1 E*	*10*	*27*
GARELICK FARMS INC Facility Status: Response Action Outcome Facility Status: Response Action Outcome	*1199 WEST CENTRAL ST*	*1/2 - 1 W*	*A11*	*31*
GARELICK FARMS INC Facility Status: Response Action Outcome Facility Status: Response Action Outcome	*1199 WEST CENTRAL ST*	*1/2 - 1 W*	*A12*	*34*
GARELICK FARMS FACILITY Facility Status: Response Action Outcome	*1199 CENTRAL ST*	*1/2 - 1 W*	*A13*	*46*
NATIONAL DRIVE Facility Status: Response Action Outcome	*24 FORGE PARK*	*1/2 - 1 SW*	*14*	*48*
NO LOCATION AID Facility Status: Response Action Outcome	*4 MASTER DR*	*1/2 - 1 ESE*	*15*	*49*
PARCEL B Facility Status: Response Action Outcome Not Required	*31 HAYWARD ST*	*1/2 - 1 ESE*	*B16*	*51*
CLARK CUTLER MCDERMOTT FACILIT Facility Status: Response Action Outcome	*42 HAYWARD ST*	*1/2 - 1 ESE*	*C19*	*57*

Lower Elevation	Address	Dist / Dir	Map ID	Page
RTE 140 & RTE 495 RELOCATION P Facility Status: Response Action Outcome	*WEST CENTRAL ST / GRV S*	*1/8 - 1/4 NW*	*2*	*11*
EXIT 17 @ BJ'S Facility Status: Response Action Outcome	*100 CORPORATE DR*	*1/4 - 1/2 NW*	*6*	*17*

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

A review of the LUST list, as provided by EDR, and dated 10/30/2006 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
NEAR RTE 140 Facility Status: Response Action Outcome	*275 BEAVERS ST*	*1/4 - 1/2 SE*	*7*	*18*

Release: MA Release Tracking Database.

A review of the Release list, as provided by EDR, and dated 10/30/2006 has revealed that there are 19 Release sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
PROPERTY Facility Status: Response Action Outcome	*210 GROVE ST*	*1/4 - 1/2 SSE*	*3*	*12*
NO LOCATION AID Facility Status: Response Action Outcome	*12 FRG POND PARK*	*1/4 - 1/2 WSW*	*4*	*14*

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MPM & STEWARD CORP BLDG Facility Status: Response Action Outcome	*FORGE PARK RD*	*1/4 - 1/2 WSW*	*5*	*15*
NEAR RTE 140 Facility Status: Response Action Outcome	*275 BEAVERS ST*	*1/4 - 1/2 SE*	*7*	*18*
MOBIL SERVICE STATION Facility Status: Response Action Outcome Facility Status: Response Action Outcome Not Required	*660 WEST CENTRAL ST*	*1/2 - 1 ENE*	*8*	*20*
TEDESCHI FOOD SHOP Facility Status: Response Action Outcome Facility Status: Response Action Outcome	*533 WEST CENTRAL ST*	*1/2 - 1 E*	*9*	*25*
NO LOCATION AID Facility Status: Response Action Outcome Not Required	*438 WEST CENTRAL ST*	*1/2 - 1 E*	*10*	*27*
GARELICK FARMS INC Facility Status: Response Action Outcome Facility Status: Response Action Outcome	*1199 WEST CENTRAL ST*	*1/2 - 1 W*	*A11*	*31*
GARELICK FARMS INC Facility Status: Response Action Outcome Facility Status: Response Action Outcome	*1199 WEST CENTRAL ST*	*1/2 - 1 W*	*A12*	*34*
GARELICK FARMS FACILITY Facility Status: Response Action Outcome	*1199 CENTRAL ST*	*1/2 - 1 W*	*A13*	*46*
NATIONAL DRIVE Facility Status: Response Action Outcome	*24 FORGE PARK*	*1/2 - 1 SW*	*14*	*48*
NO LOCATION AID Facility Status: Response Action Outcome	*4 MASTER DR*	*1/2 - 1 ESE*	*15*	*49*
PARCEL B Facility Status: Response Action Outcome Not Required	*31 HAYWARD ST*	*1/2 - 1 ESE*	*B16*	*51*
HAYWARD IND PK Facility Status: Response Action Outcome	*31 HAYWARD ST*	*1/2 - 1 ESE*	*B17*	*52*
NO LOCATION AID Facility Status: Response Action Outcome Not Required	*31 HAYWARD ST*	*1/2 - 1 ESE*	*B18*	*55*
CLARK CUTLER MCDERMOTT FACILIT Facility Status: Response Action Outcome	*42 HAYWARD ST*	*1/2 - 1 ESE*	*C19*	*57*
NO LOCATION AID Facility Status: Response Action Outcome	*40 HAYWARD ST*	*1/2 - 1 ESE*	*C20*	*59*

Lower Elevation	Address	Dist / Dir	Map ID	Page
RTE 140 & RTE 495 RELOCATION P Facility Status: Response Action Outcome	*WEST CENTRAL ST / GRV S*	*1/8 - 1/4 NW*	*2*	*11*
EXIT 17 @ BJ'S Facility Status: Response Action Outcome	*100 CORPORATE DR*	*1/4 - 1/2 NW*	*6*	*17*

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
MINE BROOK-MILK SPILL	SHWS, Release
JUST NORTH OF RTE 140	SHWS, Release
KING ST	SHWS, Release
OFFRAMP TO RTE 140 NORTH	SHWS, Release
BETWEEN EXIT 16 & 17	SHWS, Release
NORTH OF EXIT 16	SHWS, Release
NO LOCATION AID	SHWS, Release
RTE 140-I495 RELOCATION ROADWAY CO	SHWS, Release
BJ'S WHOLESALE CLUB - GASOLINE OUT	SHWS, Release
POLE 78	SHWS, Release
FORMER SEWAGE PLANT SITE	SHWS, Release
I495 CROSSING PUMP STATION	UST
MASS DPW MAINT SITE	UST
STOP AND SHOP SUPERMARKETS	CT MANIFEST
THERMO LABSYSTEMS	NY MANIFEST
VENDETTE MOTORS	CT MANIFEST
EDMOND'S AUTO SALES	CT MANIFEST
KEIGAN CHEVROLET OLDS & GEO	CT MANIFEST
PATALANO CHRYSLER PLYMOUTH	CT MANIFEST
FRANKLIN MOBIL	CT MANIFEST
STORAGE MAX	CT MANIFEST

OVERVIEW MAP - 1826659.2s

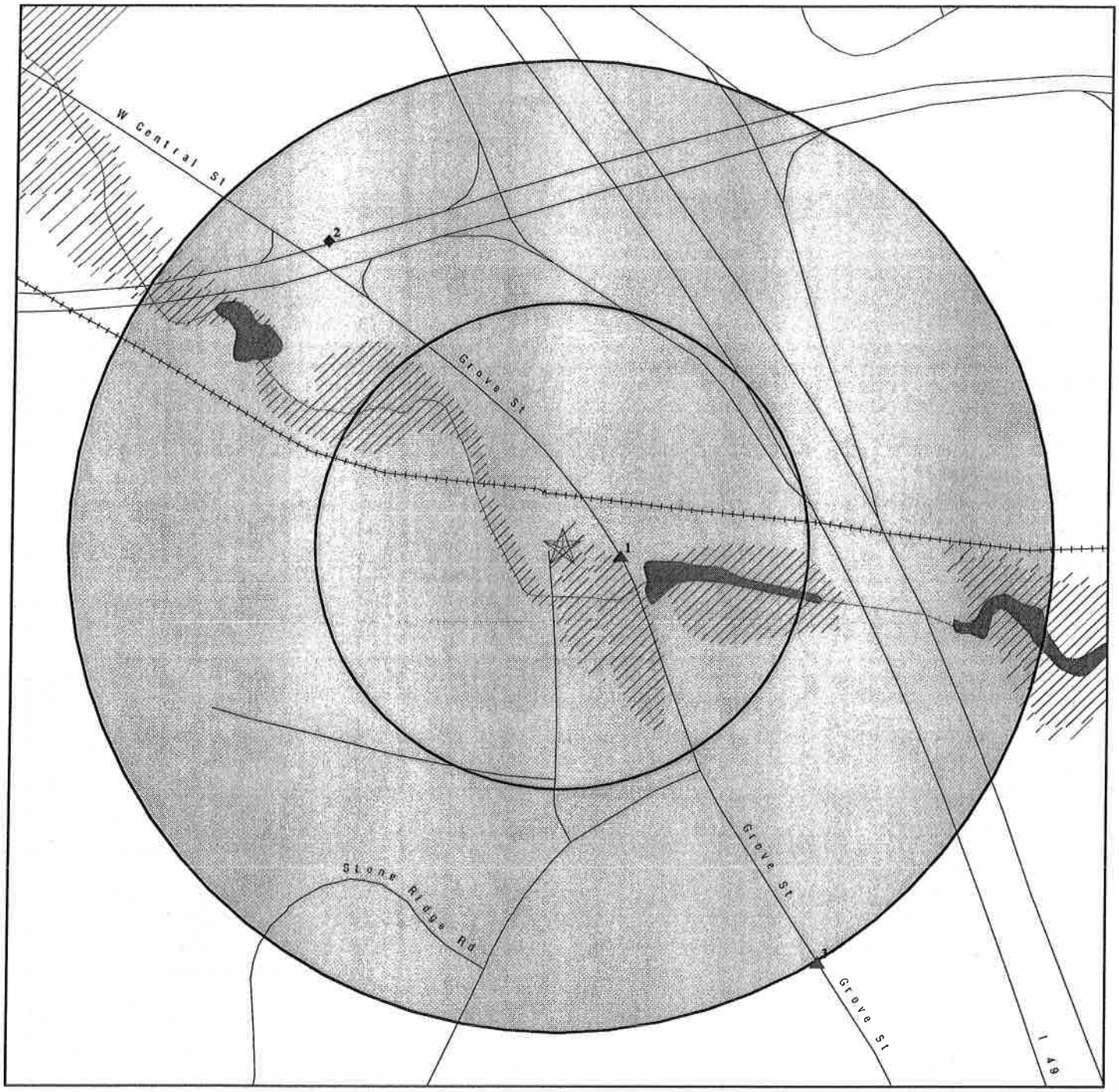
0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Critical Environmental Concern

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

SITE NAME: Nu-Style Company ADDRESS: 15 Grove Street Franklin MA 02038 LAT/LONG: 42.0873 / 71.4279	CLIENT: Fuss & ONeill Consulting Eng. CONTACT: Lisa Kanner INQUIRY #: 1826659.2s DATE: January 02, 2007 10:49 am

DETAIL MAP - 1826659.2s



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Critical Environmental Concern

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

SITE NAME: Nu-Style Company ADDRESS: 15 Grove Street Franklin MA 02038 LAT/LONG: 42.0873 / 71.4279	CLIENT: Fuss & ONeill Consulting Eng. CONTACT: Lisa Kanner INQUIRY #: 1826659.2s DATE: January 02, 2007 10:49 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	1	0	0	NR	NR	1
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	1	0	NR	NR	NR	1
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
STATE AND LOCAL RECORDS								
State Haz. Waste		1.000	0	1	4	10	NR	15
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	1	NR	NR	1
UST		0.250	0	0	NR	NR	NR	0
LAST		0.500	0	0	0	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
MA Spills		TP	NR	NR	NR	NR	NR	0
Release		1.000	0	1	5	13	NR	19
INST CONTROL		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
ENF		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
LEAD		TP	NR	NR	NR	NR	NR	0
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
1 **East** **< 1/8** **162 ft.**	**NU-STYLE** **87 GROVE STREET** **FRANKLIN, MA 02038**	**RCRA-SQG** **FINDS** **CERC-NFRAP** **RI MANIFEST** **CT MANIFEST**	**1000390175** **MAD001009455**

Relative:
Equal

Actual:
231 ft.

RCRAInfo:

Owner: NU-STYLE CO. INC.
EPA ID: MAD001009455

Contact: ALLEN ELLIS
(508) 528-2641

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 05/29/1985
Actual Date Achieved Compliance: 01/08/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/29/1985
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Non-Financial Record Review	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19920108

FINDS:
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERC-NFRAP:
Site ID: 0102589
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

CERCLIS-NFRAP Site Contact Name(s):
Contact Name: GARY LIPSON
Contact Tel: (617) 918-1274
Contact Title: On-Scene Coordinator (OSC)

Contact Name: Nancy Smith
Contact Tel: (617) 918-1436
Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

NU-STYLE (Continued) **1000390175**

CERCLIS-NFRAP Assessment History:
Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 02/07/1992
Priority Level: Not reported

Action: REMOVAL
Date Started: 02/04/1992
Date Completed: 11/13/1992
Priority Level: Cleaned up

Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 01/24/1995
Priority Level: Not reported

Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 01/24/1995
Priority Level: Not reported

Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 06/16/1995
Priority Level: Not reported

Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 06/16/1995
Priority Level: Not reported

Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 06/16/1995
Priority Level: Not reported

Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 06/16/1995
Priority Level: Not reported

Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 06/16/1995
Priority Level: Not reported

Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 06/16/1995
Priority Level: Not reported

Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 06/16/1995
Priority Level: Not reported

Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH

NU-STYLE (Continued) **1000390175**

Date Started:	03/05/1992
Date Completed:	11/09/1995
Priority Level:	Search Complete, No Viable PRPs
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	07/03/1996
Priority Level:	Not reported

RI MANIFEST:

Manifest Docket Number:	RIB0010190
Waste Description:	RODIUM SOLUTION
Quantity:	15.0
WT/Vol Units:	G
Item Number:	1
Transporter Name:	G&R
Transporter EPA ID:	MAD052629979
GEN Cert Date:	12/21/89
Transporter Recpt Date:	/ /
Transporter 2 Recpt Date:	/ /
TSDF Recpt Date:	/ /
EPA ID:	MAD001009455
Number Of Containers:	0.00
Container Type:	Not reported
Waste Code1:	D002
Waste Code2:	Not reported
Waste Code3:	Not reported
Comment:	Not reported
Fee Exempt Code:	0.00000
TSDF Name:	G&R
TSDF ID:	MAD052629979
Date Imported:	/ /
Transporter 2 Name:	Not reported
Transporter 2 ID:	Not reported

Manifest Docket Number:	RIB0010191
Waste Description:	CYANIDE
Quantity:	110.0
WT/Vol Units:	G
Item Number:	1
Transporter Name:	ADV CHEM
Transporter EPA ID:	RID059735761
GEN Cert Date:	12/18/89
Transporter Recpt Date:	/ /
Transporter 2 Recpt Date:	/ /
TSDF Recpt Date:	/ /
EPA ID:	MAD001009455
Number Of Containers:	0.00
Container Type:	Not reported
Waste Code1:	D003
Waste Code2:	Not reported
Waste Code3:	Not reported
Comment:	Not reported
Fee Exempt Code:	0.00000
TSDF Name:	ADV CHEM
TSDF ID:	RID059735761
Date Imported:	/ /

NU-STYLE (Continued) **1000390175**

Transporter 2 Name:	Not reported
Transporter 2 ID:	Not reported
Manifest Docket Number:	RIB0010191
Waste Description:	CYANIDE
Quantity:	220.0
WT/Vol Units:	P
Item Number:	3
Transporter Name:	ADV CHEM
Transporter EPA ID:	RID059735761
GEN Cert Date:	12/18/89
Transporter Recpt Date:	/ /
Transporter 2 Recpt Date:	/ /
TSDF Recpt Date:	/ /
EPA ID:	MAD001009455
Number Of Containers:	0.00
Container Type:	Not reported
Waste Code1:	F007
Waste Code2:	Not reported
Waste Code3:	Not reported
Comment:	Not reported
Fee Exempt Code:	0.00000
TSDF Name:	ADV CHEM
TSDF ID:	RID059735761
Date Imported:	/ /
Transporter 2 Name:	Not reported
Transporter 2 ID:	Not reported
Manifest Docket Number:	RIB0010191
Waste Description:	CYANIDE
Quantity:	30.0
WT/Vol Units:	G
Item Number:	2
Transporter Name:	ADV CHEM
Transporter EPA ID:	RID059735761
GEN Cert Date:	12/18/89
Transporter Recpt Date:	/ /
Transporter 2 Recpt Date:	/ /
TSDF Recpt Date:	/ /
EPA ID:	MAD001009455
Number Of Containers:	0.00
Container Type:	Not reported
Waste Code1:	D003
Waste Code2:	Not reported
Waste Code3:	Not reported
Comment:	Not reported
Fee Exempt Code:	0.00000
TSDF Name:	ADV CHEM
TSDF ID:	RID059735761
Date Imported:	/ /
Transporter 2 Name:	Not reported
Transporter 2 ID:	Not reported

CT MANIFEST:

Manifest No:	Not reported
Waste Occurence:	Not reported

NU-STYLE (Continued) **1000390175**

UNNA:	Not reported
Hazard Class:	Not reported
US Dot Description:	Not reported
No of Containers:	Not reported
Container Type:	Not reported
Quantity:	Not reported
Weight/Volume:	Not reported
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported
Manifest No:	Not reported
Waste Occurence:	Not reported
EPA Waste Code:	Not reported
Recycled Waste?:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported
Year:	1986
Manifest ID:	MAC049353
TSDF EPA ID:	CTD021816889
TSDF Name:	UNITED WASTE OIL COMPANY, INC.,
TSDF Address:	136 GRACEY AVENUE
TSDF City,St,Zip:	MERIDEN, CT 06450
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	10/09/86
Transporter EPA ID:	MAD084814136
Transporter Name:	FRANKLIN PUMPING SERVICE, INC.,
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	10/10/86
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
Generator EPA ID:	MAD001009455
Gererator Phone:	6175282641
Generator Address:	Not reported
Generator City,State,Zip:	Not reported
Generator Country:	Not reported
Special Handling:	Yes
Discrepancies:	No
Date Shipped:	10/09/86
Date Received:	10/10/86
Last modified date:	04/27/04
Last modified by:	IG
Comments:	Not reported

Click this hyperlink while viewing on your computer to access additional CT MANIFEST: detail in the EDR Site Report.

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
2 NW 1/8-1/4 1042 ft.	**RTE 140 & RTE 495 RELOCATION PROJECT WEST CENTRAL ST / GRV ST FRANKLIN, MA 02038**	**SHWS Release**	**S106132451 N/A**

Relative:
Lower

Actual:
224 ft.

SHWS:

Facility ID:	2-4018151
Source Type:	Not reported
Release Town:	FRANKLIN
Notification Date:	12/10/03
Category:	120 DY
Associated ID:	-
Facility Status:	**Response Action Outcome**
Status Date:	04/29/05
Phase:	Not reported
Response Action Outcome Class:	A2
Oil Or Haz Material:	Oil and Hazardous Material
Action Type:	Response Action Outcome
Action Stat:	Fee Received
Action Date:	05/02/05
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	9290
Action Type:	Utility-related Abatement Measure
Action Stat:	Completion Statement Received
Action Date:	04/23/04
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	6039
Action Type:	RNF
Action Stat:	REPORT
Action Date:	12/10/03
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	CHROMIUM
Amount:	1430
Quantity:	parts per million
Chemical:	LEAD
Amount:	670
Quantity:	parts per million
Chemical:	PETROLEUM BASED OIL
Amount:	15000
Quantity:	parts per million
Location Type:	Not reported
Source Type:	Not reported

MA RELEASE:

Facility ID:	2-4018151
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	12/10/03
Category:	120 DY
Facility Status:	**Response Action Outcome**
Status Date:	04/29/05
Phase:	Not reported
Rspns Actn Outcome Class:	A2
Oil / Haz Material Type:	Oil and Hazardous Material

RTE 140 & RTE 495 RELOCATION PROJECT (Continued) **S106132451**

Action Type:	Response Action Outcome
Action Stat:	Fee Received
Action Date:	05/02/05
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	9290
Action Type:	Utility-related Abatement Measure
Action Stat:	Completion Statement Received
Action Date:	04/23/04
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	6039
Action Type:	RNF
Action Stat:	REPORT
Action Date:	12/10/03
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	CHROMIUM
Amount:	1430
Quantity:	parts per million
Chemical:	LEAD
Amount:	670
Quantity:	parts per million
Chemical:	PETROLEUM BASED OIL
Amount:	15000
Quantity:	parts per million
Location Type:	Not reported
Source Type:	Not reported

---

3 **PROPERTY** **SHWS** **S101043713**
SSE **210 GROVE ST** **Release** **N/A**
1/4-1/2 **FRANKLIN, MA 02038** **MA Spills**
1324 ft.

Relative: Higher

Actual: 257 ft.

SHWS:

Facility ID:	2-4006016
Source Type:	Not reported
Release Town:	FRANKLIN
Notification Date:	01/07/94
Category:	NONE
Associated ID:	-
Facility Status:	**Response Action Outcome**
Status Date:	03/20/94
Phase:	Not reported
Response Action Outcome Class:	A1
Oil Or Haz Material:	Not reported
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	03/20/94
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	Not reported
Action Type:	Release
Action Stat:	TCTRNS
Action Date:	01/07/94

PROPERTY (Continued) **S101043713**

Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	UNKNOWN CHEMICAL OF UNKNOWN TYPE
Amount:	Not reported
Quantity:	Not reported
Location Type:	Not reported
Source Type:	Not reported

MA RELEASE:

Facility ID:	2-4006016
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	01/07/94
Category:	NONE
Facility Status:	**Response Action Outcome**
Status Date:	03/20/94
Phase:	Not reported
Rspns Actn Outcome Class:	A1
Oil / Haz Material Type:	Not reported
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	03/20/94
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	Not reported
Action Type:	Release
Action Stat:	TCTRNS
Action Date:	01/07/94
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	UNKNOWN CHEMICAL OF UNKNOWN TYPE
Amount:	Not reported
Quantity:	Not reported
Location Type:	Not reported
Source Type:	Not reported

MA Spills:

Facility ID:	9-9999	Spill ID:	S92-0586
Staff Lead:	PACKARD, R	Date Entered:	Not reported
Last Entered:	19920828	First Response:	19920820
Spill Date:	19910917	Spill Time:	Not reported
Report Date:	19920320	Report Time:	Not reported
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	DIESEL FUEL	Other Material:	Not reported
Qty Reported:	----------	Qty Actual:	----------
Qty Reported:	----------	Qty Actual:	----------
CAS No:	Not reported	PCB Lev (ppm):	NONE
Source:	VEH. FUEL TANK	Other Source:	Not reported
Incident:	SPILL	Other Incdnt:	Not reported
Cleanup Type:	---	Contractor:	NOT USED
Referral:	NO	LUST Elig:	NO

PROPERTY (Continued) **S101043713**

Report Prep: Not reported
Notifier: ROY AMOEDO/CLEAN HARBORS
Notif Tel: Not reported
Days/Close: 0
Category: Not reported

---

4 WSW 1/4-1/2 1999 ft. **NO LOCATION AID 12 FRG POND PARK FRANKLIN, MA 02038** **SHWS Release** **S105810821 N/A**

Relative: Higher

Actual: 322 ft.

SHWS:

Facility ID:	2-4014091
Source Type:	TRANSFORM
Release Town:	FRANKLIN
Notification Date:	07/31/98
Category:	TWO HR
Associated ID:	-
Facility Status:	**Response Action Outcome**
Status Date:	10/02/98
Phase:	Not reported
Response Action Outcome Class:	A2
Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	10/02/98
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	6135
Action Type:	RNF
Action Stat:	REPORT
Action Date:	10/02/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	07/31/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Oral Approval of Plan
Action Date:	07/31/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	MINERAL OIL
Amount:	50
Quantity:	gallons
Location Type:	INDUSTRIAL
Source Type:	TRANSFORM

MA RELEASE:

Facility ID:	2-4014091
Primary ID:	Not reported
Official City:	FRANKLIN

NO LOCATION AID (Continued) **S105810821**

Notification:	07/31/98
Category:	TWO HR
Facility Status:	**Response Action Outcome**
Status Date:	10/02/98
Phase:	Not reported
Rspns Actn Outcome Class:	A2
Oil / Haz Material Type:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	10/02/98
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	6135
Action Type:	RNF
Action Stat:	REPORT
Action Date:	10/02/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	07/31/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Oral Approval of Plan
Action Date:	07/31/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	MINERAL OIL
Amount:	50
Quantity:	gallons
Location Type:	INDUSTRIAL
Source Type:	TRANSFORM

5
WSW
1/4-1/2
2116 ft.

MPM & STEWARD CORP BLDG
FORGE PARK RD
FRANKLIN, MA 02038

SHWS **S102088491**
Release **N/A**

Relative:
Higher

Actual:
333 ft.

SHWS:

Facility ID:	2-4011598
Source Type:	TRANSFORM
Release Town:	FRANKLIN
Notification Date:	08/19/95
Category:	TWO HR
Associated ID:	-
Facility Status:	**Response Action Outcome**
Status Date:	10/10/95
Phase:	Not reported
Response Action Outcome Class:	A1
Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	10/10/95

MPM & STEWARD CORP BLDG (Continued) **S102088491**

Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	1443
Action Type:	RNF
Action Stat:	REPORT
Action Date:	10/10/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Written Approval of Plan
Action Date:	08/22/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	08/19/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	UNKNOWN CHEMICAL OF TYPE - OIL
Amount:	15
Quantity:	gallons
Location Type:	INDUSTRIAL
Source Type:	TRANSFORM

MA RELEASE:

Facility ID:	2-4011598
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	08/19/95
Category:	TWO HR
Facility Status:	**Response Action Outcome**
Status Date:	10/10/95
Phase:	Not reported
Rspns Actn Outcome Class:	A1
Oil / Haz Material Type:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	10/10/95
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	1443
Action Type:	RNF
Action Stat:	REPORT
Action Date:	10/10/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Written Approval of Plan
Action Date:	08/22/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported

MPM & STEWARD CORP BLDG (Continued) **S102088491**

LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	08/19/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	UNKNOWN CHEMICAL OF TYPE - OIL
Amount:	15
Quantity:	gallons
Location Type:	INDUSTRIAL
Source Type:	TRANSFORM

6
NW
1/4-1/2
2457 ft.

EXIT 17 @ BJ'S
100 CORPORATE DR
FRANKLIN, MA 02038

SHWS **S105309518**
Release **N/A**

Relative:
Lower

Actual:
198 ft.

SHWS:

Facility ID:	2-4016759
Source Type:	Not reported
Release Town:	FRANKLIN
Notification Date:	12/14/01
Category:	TWO HR
Associated ID:	-
Facility Status:	**Response Action Outcome**
Status Date:	02/14/02
Phase:	Not reported
Response Action Outcome Class:	A1
Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	02/14/02
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	1959
Action Type:	RNF
Action Stat:	REPORT
Action Date:	02/11/02
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Oral Approval of Plan
Action Date:	12/14/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	12/14/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	DIESEL FUEL
Amount:	Not reported
Quantity:	Not reported

EXIT 17 @ BJ'S (Continued) **S105309518**

Location Type:	COMMERCIAL
Source Type:	Not reported

MA RELEASE:

Facility ID:	2-4016759
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	12/14/01
Category:	TWO HR
Facility Status:	**Response Action Outcome**
Status Date:	02/14/02
Phase:	Not reported
Rspns Actn Outcome Class:	A1
Oil / Haz Material Type:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	02/14/02
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	1959
Action Type:	RNF
Action Stat:	REPORT
Action Date:	02/11/02
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Oral Approval of Plan
Action Date:	12/14/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	12/14/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	DIESEL FUEL
Amount:	Not reported
Quantity:	Not reported
Location Type:	COMMERCIAL
Source Type:	Not reported

---

7 **NEAR RTE 140** **LUST** **S102088409**
SE **275 BEAVERS ST** **Release** **N/A**
1/4-1/2 **FRANKLIN, MA 02038**
2564 ft.

Relative:
Higher

Actual:
260 ft.

LUST:

Facility ID:	2-4011353
Source Type:	UST
Release Town:	FRANKLIN
Notification Date:	05/10/95
Category:	72 HR
Associated ID:	-

NEAR RTE 140 (Continued) **S102088409**

Site Status:	**Response Action Outcome**
Status Date:	06/26/95
Phase:	Not reported
Rspns Actn Outcome Class:	A2
Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	06/26/95
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Written Plan Received
Action Date:	06/26/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	2347
Action Type:	RNF
Action Stat:	REPORT
Action Date:	06/26/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	05/10/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	UNKNOWN CHEMICAL OF TYPE - OIL
Amount:	Not reported
Quantity:	Not reported
Chemical:	WASTE OIL
Amount:	Not reported
Quantity:	Not reported
Location Type:	Not reported
Source Type:	UST

MA RELEASE:

Facility ID:	2-4011353
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	05/10/95
Category:	72 HR
Facility Status:	**Response Action Outcome**
Status Date:	06/26/95
Phase:	Not reported
Rspns Actn Outcome Class:	A2
Oil / Haz Material Type:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	06/26/95
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	Not reported

NEAR RTE 140 (Continued) **S102088409**

Action Type:	Immediate Response
Action Stat:	Written Plan Received
Action Date:	06/26/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	2347
Action Type:	RNF
Action Stat:	REPORT
Action Date:	06/26/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	05/10/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	UNKNOWN CHEMICAL OF TYPE - OIL
Amount:	Not reported
Quantity:	Not reported
Chemical:	WASTE OIL
Amount:	Not reported
Quantity:	Not reported
Location Type:	Not reported
Source Type:	UST

8
ENE
1/2-1
2682 ft.

MOBIL SERVICE STATION
660 WEST CENTRAL ST
FRANKLIN, MA 02038

SHWS **S103546730**
LUST **N/A**
Release

Relative:
Higher

Actual:
276 ft.

SHWS:

Facility ID:	2-4014428
Source Type:	Not reported
Release Town:	FRANKLIN
Notification Date:	12/17/98
Category:	120 DY
Associated ID:	2-4014428
Facility Status:	**Response Action Outcome Not Required**
Status Date:	03/07/01
Phase:	PHASE IV
Response Action Outcome Class:	Not reported
Oil Or Haz Material:	Not reported
Action Type:	Response Action Outcome Not Required
Action Stat:	Related to a Tier Classified Site
Action Date:	03/07/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Response Action Outcome
Action Stat:	Statement or Transmittal Retracted
Action Date:	01/26/00
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.
Activity Use Limitaion:	NONE
LSP Number:	7710
Action Type:	Tier Classification

MOBIL SERVICE STATION (Continued) **S103546730**

Action Stat:	Tier 2 Extension
Action Date:	12/10/04
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Phase IV
Action Stat:	Written Plan Received
Action Date:	08/01/03
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	6364
Action Type:	Phase III
Action Stat:	Completion Statement Received
Action Date:	11/28/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	7710
Action Type:	Phase II
Action Stat:	Completion Statement Received
Action Date:	07/02/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	7710
Action Type:	Release
Action Stat:	REPORT
Action Date:	01/26/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	RNF
Action Stat:	REPORT
Action Date:	12/17/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	UNKNOWN CHEMICAL OF UNKNOWN TYPE
Amount:	11
Quantity:	parts per million
Location Type:	Not reported
Source Type:	Not reported

LUST:

Facility ID:	2-4000360
Source Type:	UST
Release Town:	FRANKLIN
Notification Date:	01/15/87
Category:	NONE
Associated ID:	-
Site Status:	**Response Action Outcome**
Status Date:	12/09/05
Phase:	PHASE IV
Rspns Actn Outcome Class:	A2
Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome
Action Stat:	Level I - Technical Screen Audit
Action Date:	01/10/06
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to

MOBIL SERVICE STATION (Continued) **S103546730**

	background.
Activity Use Limitaion:	NONE
LSP Number:	7710
Action Type:	Phase IV
Action Stat:	Level II - Audit Inspection
Action Date:	07/10/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	6364
Action Type:	Tier Classification
Action Stat:	Tier 2 Extension
Action Date:	12/10/04
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	6364
Action Type:	Phase III
Action Stat:	Completion Statement Received
Action Date:	11/28/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	7710
Action Type:	Phase II
Action Stat:	Completion Statement Received
Action Date:	07/02/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	7710
Action Type:	Phase I
Action Stat:	Completion Statement Received
Action Date:	01/25/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	7710
Action Type:	Release
Action Stat:	TCTRNS
Action Date:	12/10/86
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	GASOLINE
Amount:	Not reported
Quantity:	Not reported
Location Type:	COMMERCIAL
Location Type:	GASSTATION
Source Type:	UST

MA RELEASE:

Facility ID:	2-4000360
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	01/15/87
Category:	NONE
Facility Status:	**Response Action Outcome**
Status Date:	12/09/05
Phase:	PHASE IV
Rspns Actn Outcome Class:	A2
Oil / Haz Material Type:	Oil

MOBIL SERVICE STATION (Continued) **S103546730**

Action Type:	Response Action Outcome
Action Stat:	Level I - Technical Screen Audit
Action Date:	01/10/06
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	7710
Action Type:	Phase IV
Action Stat:	Level II - Audit Inspection
Action Date:	07/10/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	6364
Action Type:	Tier Classification
Action Stat:	Tier 2 Extension
Action Date:	12/10/04
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	6364
Action Type:	Phase III
Action Stat:	Completion Statement Received
Action Date:	11/28/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	7710
Action Type:	Phase II
Action Stat:	Completion Statement Received
Action Date:	07/02/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	7710
Action Type:	Phase I
Action Stat:	Completion Statement Received
Action Date:	01/25/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	7710
Action Type:	Release
Action Stat:	TCTRNS
Action Date:	12/10/86
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	GASOLINE
Amount:	Not reported
Quantity:	Not reported
Location Type:	COMMERCIAL
Location Type:	GASSTATION
Source Type:	UST
Facility ID:	2-4014428
Primary ID:	2-4014428
Official City:	FRANKLIN
Notification:	12/17/98
Category:	120 DY
Facility Status:	**Response Action Outcome Not Required**
Status Date:	03/07/01

MOBIL SERVICE STATION (Continued) **S103546730**

Phase:	PHASE IV
Rspns Actn Outcome Class:	Not reported
Oil / Haz Material Type:	Not reported
Action Type:	Response Action Outcome Not Required
Action Stat:	Related to a Tier Classified Site
Action Date:	03/07/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Response Action Outcome
Action Stat:	Statement or Transmittal Retracted
Action Date:	01/26/00
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.
Activity Use Limitaion:	NONE
LSP Number:	7710
Action Type:	Tier Classification
Action Stat:	Tier 2 Extension
Action Date:	12/10/04
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Phase IV
Action Stat:	Written Plan Received
Action Date:	08/01/03
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	6364
Action Type:	Phase III
Action Stat:	Completion Statement Received
Action Date:	11/28/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	7710
Action Type:	Phase II
Action Stat:	Completion Statement Received
Action Date:	07/02/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	7710
Action Type:	Release
Action Stat:	REPORT
Action Date:	01/26/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	RNF
Action Stat:	REPORT
Action Date:	12/17/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	UNKNOWN CHEMICAL OF UNKNOWN TYPE
Amount:	11
Quantity:	parts per million
Location Type:	Not reported
Source Type:	Not reported

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
9 East 1/2-1 3206 ft.	**TEDESCHI FOOD SHOP 533 WEST CENTRAL ST FRANKLIN, MA 02038**	**SHWS Release**	**S105596806 N/A**

Relative:
Higher

Actual:
262 ft.

SHWS:

Facility ID:	2-4015498
Source Type:	Not reported
Release Town:	FRANKLIN
Notification Date:	05/24/00
Category:	120 DY
Associated ID:	-
Facility Status:	**Response Action Outcome**
Status Date:	08/16/02
Phase:	Not reported
Response Action Outcome Class:	A2
Oil Or Haz Material:	Hazardous Material
Action Type:	Response Action Outcome
Action Stat:	Level I - Technical Screen Audit
Action Date:	12/03/02
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	6708
Action Type:	Phase II
Action Stat:	Scope of Work Received
Action Date:	05/21/02
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	6708
Action Type:	Release Abatement Measure
Action Stat:	Completion Statement Received
Action Date:	03/06/02
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	6708
Action Type:	Tier Classification
Action Stat:	Tier 2 Classification
Action Date:	05/30/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	1443
Action Type:	RNF
Action Stat:	REPORT
Action Date:	05/24/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	PROPANE, 2-METHOXY-2-METHYL-
Amount:	1100
Quantity:	micrograms per liter
Location Type:	Not reported
Source Type:	Not reported

Facility ID:	2-4017301
Source Type:	Not reported
Release Town:	FRANKLIN
Notification Date:	08/19/02
Category:	120 DY

TEDESCHI FOOD SHOP (Continued) **S105596806**

Associated ID:	-
Facility Status:	**Response Action Outcome**
Status Date:	07/25/03
Phase:	Not reported
Response Action Outcome Class:	B1
Oil Or Haz Material:	Hazardous Material
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	07/25/03
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.
Activity Use Limitaion:	NONE
LSP Number:	6708
Action Type:	RNF
Action Stat:	REPORT
Action Date:	08/19/02
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	BERYLLIUM
Amount:	2.1
Quantity:	parts per million
Location Type:	Not reported
Source Type:	Not reported

MA RELEASE:

Facility ID:	2-4015498
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	05/24/00
Category:	120 DY
Facility Status:	**Response Action Outcome**
Status Date:	08/16/02
Phase:	Not reported
Rspns Actn Outcome Class:	A2
Oil / Haz Material Type:	Hazardous Material
Action Type:	Response Action Outcome
Action Stat:	Level I - Technical Screen Audit
Action Date:	12/03/02
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	6708
Action Type:	Phase II
Action Stat:	Scope of Work Received
Action Date:	05/21/02
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	6708
Action Type:	Release Abatement Measure
Action Stat:	Completion Statement Received
Action Date:	03/06/02
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	6708
Action Type:	Tier Classification
Action Stat:	Tier 2 Classification

TEDESCHI FOOD SHOP (Continued) **S105596806**

Action Date:	05/30/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	1443
Action Type:	RNF
Action Stat:	REPORT
Action Date:	05/24/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	PROPANE, 2-METHOXY-2-METHYL-
Amount:	1100
Quantity:	micrograms per liter
Location Type:	Not reported
Source Type:	Not reported
Facility ID:	2-4017301
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	08/19/02
Category:	120 DY
Facility Status:	**Response Action Outcome**
Status Date:	07/25/03
Phase:	Not reported
Rspns Actn Outcome Class:	B1
Oil / Haz Material Type:	Hazardous Material
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	07/25/03
Response Action Outcome:	Remedial actions have not been conducted because a level of No Significant Risk exists.
Activity Use Limitaion:	NONE
LSP Number:	6708
Action Type:	RNF
Action Stat:	REPORT
Action Date:	08/19/02
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	BERYLLIUM
Amount:	2.1
Quantity:	parts per million
Location Type:	Not reported
Source Type:	Not reported

---

10 East 1/2-1 3486 ft.

NO LOCATION AID
438 WEST CENTRAL ST
FRANKLIN, MA 02038

SHWS S106617706
LUST N/A
Release

Relative: Higher

Actual: 245 ft.

SHWS:

Facility ID:	2-4018687
Source Type:	Not reported
Release Town:	FRANKLIN
Notification Date:	09/21/04
Category:	120 DY
Associated ID:	-
Facility Status:	**TIERII**

NO LOCATION AID (Continued) **S106617706**

Status Date:	05/16/05
Phase:	PHASE II
Response Action Outcome Class:	Not reported
Oil Or Haz Material:	Oil and Hazardous Material
Action Type:	Release Abatement Measure
Action Stat:	Level I - Technical Screen Audit
Action Date:	01/31/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8222
Action Type:	Phase II
Action Stat:	Scope of Work Received
Action Date:	05/16/05
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8222
Action Type:	Tier Classification
Action Stat:	LNKVTC
Action Date:	05/16/05
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8222
Action Type:	Phase I
Action Stat:	Completion Statement Received
Action Date:	05/16/05
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8222
Action Type:	RNF
Action Stat:	REPORT
Action Date:	09/21/04
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	BENZENE
Amount:	2120
Quantity:	parts per billion
Location Type:	Not reported
Source Type:	Not reported

LUST:

Facility ID:	2-4018757
Source Type:	UST
Release Town:	FRANKLIN
Notification Date:	11/02/04
Category:	72 HR
Associated ID:	-
Site Status:	**Response Action Outcome Not Required**
Status Date:	05/16/05
Phase:	Not reported
Rspns Actn Outcome Class:	Not reported
Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome Not Required
Action Stat:	Related to a Tier Classified Site
Action Date:	05/16/05
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported

NO LOCATION AID (Continued) **S106617706**

LSP Number:	8222
Action Type:	Immediate Response
Action Stat:	Level I - Technical Screen Audit
Action Date:	09/14/05
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8222
Action Type:	Tier Classification
Action Stat:	LNKVTC
Action Date:	05/16/05
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release Abatement Measure
Action Stat:	Completion Statement Received
Action Date:	01/04/05
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8222
Action Type:	RNF
Action Stat:	REPORT
Action Date:	01/04/05
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	11/02/04
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	GASOLINE
Amount:	100
Quantity:	parts per million
Location Type:	COMMERCIAL
Source Type:	UST

MA RELEASE:

Facility ID:	2-4018687
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	09/21/04
Category:	120 DY
Facility Status:	**TIERII**
Status Date:	05/16/05
Phase:	PHASE II
Rspns Actn Outcome Class:	Not reported
Oil / Haz Material Type:	Oil and Hazardous Material
Action Type:	Release Abatement Measure
Action Stat:	Level I - Technical Screen Audit
Action Date:	01/31/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8222
Action Type:	Phase II
Action Stat:	Scope of Work Received
Action Date:	05/16/05

NO LOCATION AID (Continued) **S106617706**

Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8222
Action Type:	Tier Classification
Action Stat:	LNKVTC
Action Date:	05/16/05
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8222
Action Type:	Phase I
Action Stat:	Completion Statement Received
Action Date:	05/16/05
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8222
Action Type:	RNF
Action Stat:	REPORT
Action Date:	09/21/04
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	BENZENE
Amount:	2120
Quantity:	parts per billion
Location Type:	Not reported
Source Type:	Not reported

Facility ID:	2-4018757
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	11/02/04
Category:	72 HR
Facility Status:	**Response Action Outcome Not Required**
Status Date:	05/16/05
Phase:	Not reported
Rspns Actn Outcome Class:	Not reported
Oil / Haz Material Type:	Oil
Action Type:	Response Action Outcome Not Required
Action Stat:	Related to a Tier Classified Site
Action Date:	05/16/05
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8222
Action Type:	Immediate Response
Action Stat:	Level I - Technical Screen Audit
Action Date:	09/14/05
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8222
Action Type:	Tier Classification
Action Stat:	LNKVTC
Action Date:	05/16/05
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release Abatement Measure
Action Stat:	Completion Statement Received

NO LOCATION AID (Continued) **S106617706**

Action Date:	01/04/05
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8222
Action Type:	RNF
Action Stat:	REPORT
Action Date:	01/04/05
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	11/02/04
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	GASOLINE
Amount:	100
Quantity:	parts per million
Location Type:	COMMERCIAL
Source Type:	UST

A11
West
1/2-1
3630 ft.

Relative:
Higher

Actual:
239 ft.

GARELICK FARMS INC **SHWS** **S104546453**
1199 WEST CENTRAL ST **Release** **N/A**
FRANKLIN, MA 02038

Site 1 of 3 in cluster A

SHWS:

Facility ID:	2-0016364
Source Type:	OTHER
Release Town:	FRANKLIN
Notification Date:	08/19/06
Category:	TWO HR
Associated ID:	-
Facility Status:	**Response Action Outcome**
Status Date:	10/05/06
Phase:	Not reported
Response Action Outcome Class:	A1
Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome
Action Stat:	Level I - Technical Screen Audit
Action Date:	10/06/06
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	8959
Action Type:	RNF
Action Stat:	REPORT
Action Date:	10/05/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	08/19/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported

GARELICK FARMS INC (Continued) **S104546453**

LSP Number:	3497
Action Type:	Immediate Response
Action Stat:	Oral Approval of Plan
Action Date:	08/19/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	3497
Chemical:	DIESEL FUEL
Amount:	50
Quantity:	gallons
Location Type:	INDUSTRIAL
Source Type:	OTHER

Facility ID:	2-4015005
Source Type:	VEHICLE
Release Town:	FRANKLIN
Notification Date:	09/09/99
Category:	TWO HR
Associated ID:	-
Facility Status:	**Response Action Outcome**
Status Date:	11/09/99
Phase:	Not reported
Response Action Outcome Class:	A1
Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome
Action Stat:	Level I - Technical Screen Audit
Action Date:	05/18/05
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	3497
Action Type:	RNF
Action Stat:	REPORT
Action Date:	11/09/99
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	09/09/99
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Oral Approval of Plan
Action Date:	09/09/99
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	DIESEL FUEL
Amount:	20
Quantity:	gallons
Location Type:	INDUSTRIAL
Source Type:	VEHICLE

MA RELEASE:

Facility ID:	2-0016364

GARELICK FARMS INC (Continued) **S104546453**

Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	08/19/06
Category:	TWO HR
Facility Status:	**Response Action Outcome**
Status Date:	10/05/06
Phase:	Not reported
Rspns Actn Outcome Class:	A1
Oil / Haz Material Type:	Oil
Action Type:	Response Action Outcome
Action Stat:	Level I - Technical Screen Audit
Action Date:	10/06/06
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	8959
Action Type:	RNF
Action Stat:	REPORT
Action Date:	10/05/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	08/19/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	3497
Action Type:	Immediate Response
Action Stat:	Oral Approval of Plan
Action Date:	08/19/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	3497
Chemical:	DIESEL FUEL
Amount:	50
Quantity:	gallons
Location Type:	INDUSTRIAL
Source Type:	OTHER
Facility ID:	2-4015005
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	09/09/99
Category:	TWO HR
Facility Status:	**Response Action Outcome**
Status Date:	11/09/99
Phase:	Not reported
Rspns Actn Outcome Class:	A1
Oil / Haz Material Type:	Oil
Action Type:	Response Action Outcome
Action Stat:	Level I - Technical Screen Audit
Action Date:	05/18/05
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	3497

GARELICK FARMS INC (Continued) **S104546453**

Action Type:	RNF
Action Stat:	REPORT
Action Date:	11/09/99
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	09/09/99
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Oral Approval of Plan
Action Date:	09/09/99
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	DIESEL FUEL
Amount:	20
Quantity:	gallons
Location Type:	INDUSTRIAL
Source Type:	VEHICLE

A12
West
1/2-1
3630 ft.

Relative:
Higher

Actual:
239 ft.

GARELICK FARMS INC
1199 WEST CENTRAL ST
FRANKLIN, MA 02038

Site 2 of 3 in cluster A

RCRA-SQG **1000204423**
SHWS **02038GRLCK11**
FINDS
LUST
Release
TRIS
UST
LAST
RI MANIFEST

RCRAInfo:

Owner:	GARELICK FARMS INC
EPA ID:	MAD055992556
Contact:	GERRY MARCHAND (617) 528-9000
Classification:	Conditionally Exempt Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: Violations exist

Regulation Violated:	340(1)(b)
Area of Violation:	CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER
Date Violation Determined:	03/26/1999
Actual Date Achieved Compliance:	05/03/1999
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	04/08/1999
Penalty Type:	Not reported
Regulation Violated:	682
Area of Violation:	CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER
Date Violation Determined:	03/26/1999
Actual Date Achieved Compliance:	05/03/1999
Enforcement Action:	WRITTEN INFORMAL

GARELICK FARMS INC (Continued) **1000204423**

Enforcement Action Date: 04/08/1999
Penalty Type: Not reported

Regulation Violated: 685(1)
Area of Violation: CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER
Date Violation Determined: 03/26/1999
Actual Date Achieved Compliance: 05/03/1999

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/08/1999
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined: 03/08/1990
Actual Date Achieved Compliance: 05/16/1990

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/20/1990
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-OTHER REQUIREMENTS
Date Violation Determined: 03/08/1990
Actual Date Achieved Compliance: 05/16/1990

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/20/1990
Penalty Type: Not reported

There are 5 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Detailed Multimedia Inspection	CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER	19990503
	CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER	19990503
	CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER	19990503
Other Evaluation	GENERATOR-MANIFEST REQUIREMENTS	19900516
	GENERATOR-OTHER REQUIREMENTS	19900516
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19900516

SHWS:
Facility ID: 2-4011778
Source Type: PIPE
Release Town: FRANKLIN
Notification Date: 11/14/95
Category: TWO HR
Associated ID: -
Facility Status: Response Action Outcome
Status Date: 01/22/96
Phase: Not reported
Response Action Outcome Class: A2
Oil Or Haz Material: Oil
Action Type: Response Action Outcome
Action Stat: RAO Statement Received
Action Date: 01/22/96
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion: Not reported
LSP Number: Not reported
Action Type: RNF

GARELICK FARMS INC (Continued) **1000204423**

Action Stat:	REPORT
Action Date:	12/22/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	11/14/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	FUEL OIL #4
Amount:	100
Quantity:	gallons
Location Type:	COMMERCIAL
Source Type:	PIPE
Source Type:	TRANSLINE
Facility ID:	2-4011778
Source Type:	TRANSLINE
Release Town:	FRANKLIN
Notification Date:	11/14/95
Category:	TWO HR
Associated ID:	-
Facility Status:	**Response Action Outcome**
Status Date:	01/22/96
Phase:	Not reported
Response Action Outcome Class:	A2
Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	01/22/96
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	RNF
Action Stat:	REPORT
Action Date:	12/22/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	11/14/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	FUEL OIL #4
Amount:	100
Quantity:	gallons
Location Type:	COMMERCIAL
Source Type:	PIPE
Source Type:	TRANSLINE
Facility ID:	2-4015734
Source Type:	TANKER

GARELICK FARMS INC (Continued) **1000204423**

Release Town:	FRANKLIN
Notification Date:	09/09/00
Category:	TWO HR
Associated ID:	-
Facility Status:	**Response Action Outcome**
Status Date:	08/29/01
Phase:	Not reported
Response Action Outcome Class:	A2
Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome
Action Stat:	Level I - Technical Screen Audit
Action Date:	05/13/04
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	8959
Action Type:	RNF
Action Stat:	REPORT
Action Date:	08/29/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Completion Statement Received
Action Date:	08/29/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8959
Action Type:	RNF
Action Stat:	REPORT
Action Date:	11/08/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	09/09/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	DIESEL FUEL
Amount:	Not reported
Quantity:	Not reported
Location Type:	COMMERCIAL
Source Type:	AST
Source Type:	TANKER

FINDS:

Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of

GARELICK FARMS INC (Continued) **1000204423**

total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

MA-EPICS

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

NJ-NJEMS (New Jersey - New Jersey Environmental Management System). The Department of Environmental Protection (NJDEP) manages large databases of environmental information in this integrated system.

PA-EFACTS (Pennsylvania - Environmental Facility Application Compliance Tracking System) is a Department-wide database that provides a holistic view of clients and sites (including facilities) that DEP regulates.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

LUST:

Facility ID:	2-4014369
Source Type:	UST
Release Town:	FRANKLIN
Notification Date:	12/04/98
Category:	72 HR

GARELICK FARMS INC (Continued) **1000204423**

Associated ID:	-
Site Status:	**Response Action Outcome**
Status Date:	02/09/99
Phase:	Not reported
Rspns Actn Outcome Class:	A2
Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	02/09/99
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	8959
Action Type:	RNF
Action Stat:	REPORT
Action Date:	01/27/99
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	12/04/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Oral Approval of Plan
Action Date:	10/04/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	DIESEL FUEL
Amount:	Not reported
Quantity:	Not reported
Location Type:	COMMERCIAL
Source Type:	UST

MA RELEASE:

Facility ID:	2-4011778
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	11/14/95
Category:	TWO HR
Facility Status:	**Response Action Outcome**
Status Date:	01/22/96
Phase:	Not reported
Rspns Actn Outcome Class:	A2
Oil / Haz Material Type:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	01/22/96
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	RNF
Action Stat:	REPORT

GARELICK FARMS INC (Continued) **1000204423**

Action Date:	12/22/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	11/14/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	FUEL OIL #4
Amount:	100
Quantity:	gallons
Location Type:	COMMERCIAL
Source Type:	PIPE
Source Type:	TRANSLINE

Facility ID:	2-4014369
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	12/04/98
Category:	72 HR
Facility Status:	**Response Action Outcome**
Status Date:	02/09/99
Phase:	Not reported
Rspns Actn Outcome Class:	A2
Oil / Haz Material Type:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	02/09/99
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	8959
Action Type:	RNF
Action Stat:	REPORT
Action Date:	01/27/99
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	12/04/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Oral Approval of Plan
Action Date:	10/04/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	DIESEL FUEL
Amount:	Not reported
Quantity:	Not reported
Location Type:	COMMERCIAL
Source Type:	UST

GARELICK FARMS INC (Continued) **1000204423**

Facility ID:	2-4015734
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	09/09/00
Category:	TWO HR
Facility Status:	**Response Action Outcome**
Status Date:	08/29/01
Phase:	Not reported
Rspns Actn Outcome Class:	A2
Oil / Haz Material Type:	Oil
Action Type:	Response Action Outcome
Action Stat:	Level I - Technical Screen Audit
Action Date:	05/13/04
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	8959
Action Type:	RNF
Action Stat:	REPORT
Action Date:	08/29/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Completion Statement Received
Action Date:	08/29/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8959
Action Type:	RNF
Action Stat:	REPORT
Action Date:	11/08/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	09/09/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	DIESEL FUEL
Amount:	Not reported
Quantity:	Not reported
Location Type:	COMMERCIAL
Source Type:	AST
Source Type:	TANKER

UST:

Facility ID:	12103
Tank ID:	1
Serial Number:	Not reported
Aboveground:	No
Capacity:	20000
Contents:	Diesel
Tank Status:	**Removed**
Tank Useage:	MV

GARELICK FARMS INC (Continued) **1000204423**

Tank Material:	Steel
Tank Contents:	1 Wall
Pipe Material:	Steel
Pipe Container:	1 Wall
Tank Leak Detection:	Inventory Record-Keeping
Pipe Leak Detection:	Not reported
Owner:	GARELICK FARMS INC
Owner Address:	1199 W CENTRAL ST
Owner City,St,Zip:	FRANKLIN, MA 02038
Telephone:	(508) 828-9000
Description:	Industrial
Fire Dept. ID:	21101
Financial Responsibility:	State Fund, Normal

Facility ID:	12103
Tank ID:	2
Serial Number:	Not reported
Aboveground:	No
Capacity:	10000
Contents:	Diesel
Tank Status:	**Removed**
Tank Useage:	MV
Tank Material:	Steel
Tank Contents:	1 Wall
Pipe Material:	Steel
Pipe Container:	1 Wall
Tank Leak Detection:	Inventory Record-Keeping
Pipe Leak Detection:	Not reported
Owner:	GARELICK FARMS INC
Owner Address:	1199 W CENTRAL ST
Owner City,St,Zip:	FRANKLIN, MA 02038
Telephone:	(508) 828-9000
Description:	Industrial
Fire Dept. ID:	21101
Financial Responsibility:	State Fund, Normal

Facility ID:	12103
Tank ID:	3
Serial Number:	Not reported
Aboveground:	No
Capacity:	5000
Contents:	Gasoline
Tank Status:	**Removed**
Tank Useage:	MV
Tank Material:	Steel
Tank Contents:	1 Wall
Pipe Material:	Steel
Pipe Container:	1 Wall
Tank Leak Detection:	Inventory Record-Keeping
Pipe Leak Detection:	Not reported
Owner:	GARELICK FARMS INC
Owner Address:	1199 W CENTRAL ST
Owner City,St,Zip:	FRANKLIN, MA 02038
Telephone:	(508) 828-9000
Description:	Industrial
Fire Dept. ID:	21101
Financial Responsibility:	State Fund, Normal

GARELICK FARMS INC (Continued) **1000204423**

Facility ID:	12103
Tank ID:	4
Serial Number:	Not reported
Aboveground:	No
Capacity:	5000
Contents:	Gasoline
Tank Status:	**Removed**
Tank Useage:	MV
Tank Material:	Steel
Tank Contents:	1 Wall
Pipe Material:	Steel
Pipe Container:	1 Wall
Tank Leak Detection:	Inventory Record-Keeping
Pipe Leak Detection:	Not reported
Owner:	GARELICK FARMS INC
Owner Address:	1199 W CENTRAL ST
Owner City,St,Zip:	FRANKLIN, MA 02038
Telephone:	(508) 828-9000
Description:	Industrial
Fire Dept. ID:	21101
Financial Responsibility:	State Fund, Normal

Facility ID:	12103
Tank ID:	5
Serial Number:	Not reported
Aboveground:	No
Capacity:	1000
Contents:	Waste Oil
Tank Status:	**Removed**
Tank Useage:	Not reported
Tank Material:	Steel
Tank Contents:	1 Wall
Pipe Material:	Steel
Pipe Container:	Not reported
Tank Leak Detection:	Not reported
Pipe Leak Detection:	Not reported
Owner:	GARELICK FARMS INC
Owner Address:	1199 W CENTRAL ST
Owner City,St,Zip:	FRANKLIN, MA 02038
Telephone:	(508) 828-9000
Description:	Industrial
Fire Dept. ID:	21101
Financial Responsibility:	State Fund, Normal

Facility ID:	12103
Tank ID:	6
Serial Number:	Not reported
Aboveground:	No
Capacity:	1000
Contents:	Motor Oil
Tank Status:	**Removed**
Tank Useage:	Not reported
Tank Material:	Steel
Tank Contents:	1 Wall
Pipe Material:	Steel
Pipe Container:	Not reported
Tank Leak Detection:	Not reported

GARELICK FARMS INC (Continued) **1000204423**

Pipe Leak Detection:	Not reported
Owner:	GARELICK FARMS INC
Owner Address:	1199 W CENTRAL ST
Owner City,St,Zip:	FRANKLIN, MA 02038
Telephone:	(508) 828-9000
Description:	Industrial
Fire Dept. ID:	21101
Financial Responsibility:	State Fund, Normal

Facility ID:	12103
Tank ID:	7
Serial Number:	#6
Aboveground:	No
Capacity:	10000
Contents:	Fuel Oil
Tank Status:	**In Use**
Tank Useage:	Other
Tank Material:	Cathodic
Tank Contents:	2 Walls
Pipe Material:	Cathodic
Pipe Container:	2 Walls
Tank Leak Detection:	Approved In-Tank Monitor
Pipe Leak Detection:	Interstitial Space Monitor
Owner:	GARELICK FARMS INC
Owner Address:	1199 W CENTRAL ST
Owner City,St,Zip:	FRANKLIN, MA 02038
Telephone:	(508) 828-9000
Description:	Industrial
Fire Dept. ID:	21101
Financial Responsibility:	State Fund, Normal

Facility ID:	12103
Tank ID:	8
Serial Number:	#6
Aboveground:	No
Capacity:	10000
Contents:	Fuel Oil
Tank Status:	**In Use**
Tank Useage:	Other
Tank Material:	Cathodic
Tank Contents:	2 Walls
Pipe Material:	Cathodic
Pipe Container:	2 Walls
Tank Leak Detection:	Approved In-Tank Monitor
Pipe Leak Detection:	Interstitial Space Monitor
Owner:	GARELICK FARMS INC
Owner Address:	1199 W CENTRAL ST
Owner City,St,Zip:	FRANKLIN, MA 02038
Telephone:	(508) 828-9000
Description:	Industrial
Fire Dept. ID:	21101
Financial Responsibility:	State Fund, Normal

LAST:

Facility ID:	2-4015734
Source Type:	AST
Release Town:	FRANKLIN

GARELICK FARMS INC (Continued) **1000204423**

Notification Date:	09/09/00
Category:	TWO HR
Associated ID:	-
Facility Status:	**Response Action Outcome**
Status Date:	08/29/01
Phase:	Not reported
Rspns Actn Outcome Class:	A2
Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome
Action Stat:	Level I - Technical Screen Audit
Action Date:	05/13/04
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	8959
Action Type:	RNF
Action Stat:	REPORT
Action Date:	08/29/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Completion Statement Received
Action Date:	08/29/01
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8959
Action Type:	RNF
Action Stat:	REPORT
Action Date:	11/08/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	09/09/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	DIESEL FUEL
Amount:	Not reported
Quantity:	Not reported
Location Type:	COMMERCIAL
Source Type:	AST
Source Type:	TANKER

RI MANIFEST:

Manifest Docket Number:	MAU162836
Waste Description:	Petroleum oil, Combustible, NA1270, PG III
Quantity:	350.0
WT/Vol Units:	G
Item Number:	1
Transporter Name:	Clean Harbors Environmental Serv
Transporter EPA ID:	MAD039322250
GEN Cert Date:	03/22/06
Transporter Recpt Date:	03/21/06
Transporter 2 Recpt Date:	/ /

GARELICK FARMS INC (Continued) **1000204423**

TSDF Recpt Date:	03/21/06
EPA ID:	MAD055992556
Number Of Containers:	1.00
Container Type:	TT
Waste Code1:	MA98
Waste Code2:	Not reported
Waste Code3:	Not reported
Comment:	Not reported
Fee Exempt Code:	0.00000
TSDF Name:	Murphys Waste Oil Services
TSDF ID:	MAD066588005
Date Imported:	05/15/06
Transporter 2 Name:	Not reported
Transporter 2 ID:	Not reported
Manifest Docket Number:	MAU195084
Waste Description:	NON DOT REGULATED MATERIAL, (STATE REGULATED OILY
Quantity:	8.0
WT/Vol Units:	Y
Item Number:	1
Transporter Name:	Clean Harbors Environmental Serv
Transporter EPA ID:	MAD039322250
GEN Cert Date:	03/15/06
Transporter Recpt Date:	03/16/06
Transporter 2 Recpt Date:	/ /
TSDF Recpt Date:	03/16/06
EPA ID:	MAD055992556
Number Of Containers:	1.00
Container Type:	TT
Waste Code1:	MA01
Waste Code2:	Not reported
Waste Code3:	Not reported
Comment:	Not reported
Fee Exempt Code:	0.00000
TSDF Name:	Clean Harbors of Braintree
TSDF ID:	MAD053452637
Date Imported:	05/15/06
Transporter 2 Name:	Not reported
Transporter 2 ID:	Not reported

A13 **GARELICK FARMS FACILITY** **SHWS** **S108117302**
West **1199 CENTRAL ST** **Release** **N/A**
1/2-1 **FRANKLIN, MA 02038**
3630 ft.

Site 3 of 3 in cluster A

Relative: Higher

Actual: 239 ft.

SHWS:

Facility ID:	2-0016317
Source Type:	VEHICLE
Release Town:	FRANKLIN
Notification Date:	07/20/06
Category:	TWO HR
Associated ID:	-
Facility Status:	**Response Action Outcome**
Status Date:	09/14/06
Phase:	Not reported
Response Action Outcome Class:	A2

GARELICK FARMS FACILITY (Continued) **S108117302**

Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	09/14/06
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	8959
Action Type:	RNF
Action Stat:	REPORT
Action Date:	09/14/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8959
Action Type:	Release
Action Stat:	REPORT
Action Date:	07/20/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8959
Action Type:	Immediate Response
Action Stat:	Oral Approval of a Modified Plan
Action Date:	07/20/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8959
Chemical:	DIESEL FUEL
Amount:	50
Quantity:	gallons
Location Type:	COMMERCIAL
Source Type:	VEHICLE

MA RELEASE:

Facility ID:	2-0016317
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	07/20/06
Category:	TWO HR
Facility Status:	**Response Action Outcome**
Status Date:	09/14/06
Phase:	Not reported
Rspns Actn Outcome Class:	A2
Oil / Haz Material Type:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	09/14/06
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	8959
Action Type:	RNF
Action Stat:	REPORT
Action Date:	09/14/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8959
Action Type:	Release

GARELICK FARMS FACILITY (Continued) **S108117302**

Action Stat:	REPORT
Action Date:	07/20/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8959
Action Type:	Immediate Response
Action Stat:	Oral Approval of a Modified Plan
Action Date:	07/20/06
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8959
Chemical:	DIESEL FUEL
Amount:	50
Quantity:	gallons
Location Type:	COMMERCIAL
Source Type:	VEHICLE

---

14 SW 1/2-1 3865 ft. **NATIONAL DRIVE 24 FORGE PARK FRANKLIN, MA 02038** **SHWS Release** **S102088516 N/A**

Relative: Higher

Actual: 342 ft.

SHWS:

Facility ID:	2-4011645
Source Type:	RELVALVE
Release Town:	FRANKLIN
Notification Date:	09/16/95
Category:	TWO HR
Associated ID:	-
Facility Status:	**Response Action Outcome**
Status Date:	11/13/95
Phase:	Not reported
Response Action Outcome Class:	A1
Oil Or Haz Material:	Hazardous Material
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	11/13/95
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	Not reported
Action Type:	RNF
Action Stat:	REPORT
Action Date:	09/16/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	09/16/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	ACETIC ACID, ETHYL ESTER
Amount:	500
Quantity:	gallons
Chemical:	ETHANOL
Amount:	Not reported

NATIONAL DRIVE (Continued) **S102088516**

Quantity:	Not reported
Location Type:	COMMERCIAL
Location Type:	INDUSTRIAL
Source Type:	RELVALVE

MA RELEASE:

Facility ID:	2-4011645
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	09/16/95
Category:	TWO HR
Facility Status:	**Response Action Outcome**
Status Date:	11/13/95
Phase:	Not reported
Rspns Actn Outcome Class:	A1
Oil / Haz Material Type:	Hazardous Material
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	11/13/95
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	Not reported
Action Type:	RNF
Action Stat:	REPORT
Action Date:	09/16/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	09/16/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	ACETIC ACID, ETHYL ESTER
Amount:	500
Quantity:	gallons
Chemical:	ETHANOL
Amount:	Not reported
Quantity:	Not reported
Location Type:	COMMERCIAL
Location Type:	INDUSTRIAL
Source Type:	RELVALVE

---

15 ESE 1/2-1 4042 ft. **NO LOCATION AID 4 MASTER DR FRANKLIN, MA 02038** **SHWS S105596642 Release N/A**

Relative: Higher

Actual: 232 ft.

SHWS:

Facility ID:	2-4017287
Source Type:	UNKNOWN
Release Town:	FRANKLIN
Notification Date:	08/14/02
Category:	TWO HR
Associated ID:	-

NO LOCATION AID (Continued) **S105596642**

Facility Status:	**Response Action Outcome**
Status Date:	02/26/04
Phase:	PHASE II
Response Action Outcome Class:	A1
Oil Or Haz Material:	Not reported
Action Type:	Response Action Outcome
Action Stat:	Level I - Technical Screen Audit
Action Date:	06/15/04
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	8852
Action Type:	Phase I
Action Stat:	Completion Statement Received
Action Date:	02/26/04
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8852
Action Type:	Immediate Response
Action Stat:	Completion Statement Received
Action Date:	02/26/04
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8852
Action Type:	RNF
Action Stat:	REPORT
Action Date:	10/11/02
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	08/14/02
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	UNKNOWN CHEMICAL OF UNKNOWN TYPE
Amount:	100
Quantity:	gallons
Location Type:	Not reported
Source Type:	UNKNOWN

MA RELEASE:

Facility ID:	2-4017287
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	08/14/02
Category:	TWO HR
Facility Status:	**Response Action Outcome**
Status Date:	02/26/04
Phase:	PHASE II
Rspns Actn Outcome Class:	A1
Oil / Haz Material Type:	Not reported
Action Type:	Response Action Outcome
Action Stat:	Level I - Technical Screen Audit
Action Date:	06/15/04
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to

NO LOCATION AID (Continued) **S105596642**

	background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	8852
Action Type:	Phase I
Action Stat:	Completion Statement Received
Action Date:	02/26/04
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8852
Action Type:	Immediate Response
Action Stat:	Completion Statement Received
Action Date:	02/26/04
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	8852
Action Type:	RNF
Action Stat:	REPORT
Action Date:	10/11/02
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	08/14/02
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	UNKNOWN CHEMICAL OF UNKNOWN TYPE
Amount:	100
Quantity:	gallons
Location Type:	Not reported
Source Type:	UNKNOWN

B16
ESE
1/2-1
5224 ft.

Relative:
Higher

Actual:
250 ft.

PARCEL B
31 HAYWARD ST
FRANKLIN, MA 02038

SHWS **S103384052**
Release **N/A**

Site 1 of 3 in cluster B

SHWS:

Facility ID:	2-4014015
Source Type:	Not reported
Release Town:	FRANKLIN
Notification Date:	06/17/98
Category:	120 DY
Associated ID:	2-4011822
Facility Status:	**Response Action Outcome Not Required**
Status Date:	06/24/99
Phase:	Not reported
Response Action Outcome Class:	Not reported
Oil Or Haz Material:	Hazardous Material
Action Type:	Response Action Outcome Not Required
Action Stat:	Related to a Tier Classified Site
Action Date:	06/24/99
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	RNF

PARCEL B (Continued) **S103384052**

Action Stat:	REPORT
Action Date:	06/17/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	UNKNOWN CHEMICAL OF TYPE - HAZARDOUS MATERIAL
Amount:	2000
Quantity:	parts per billion
Location Type:	Not reported
Source Type:	Not reported

MA RELEASE:

Facility ID:	2-4014015
Primary ID:	2-4011822
Official City:	FRANKLIN
Notification:	06/17/98
Category:	120 DY
Facility Status:	**Response Action Outcome Not Required**
Status Date:	06/24/99
Phase:	Not reported
Rspns Actn Outcome Class:	Not reported
Oil / Haz Material Type:	Hazardous Material
Action Type:	Response Action Outcome Not Required
Action Stat:	Related to a Tier Classified Site
Action Date:	06/24/99
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	RNF
Action Stat:	REPORT
Action Date:	06/17/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	UNKNOWN CHEMICAL OF TYPE - HAZARDOUS MATERIAL
Amount:	2000
Quantity:	parts per billion
Location Type:	Not reported
Source Type:	Not reported

B17 **HAYWARD IND PK** **LUST** **S105043567**
ESE **31 HAYWARD ST** **Release** **N/A**
1/2-1 **FRANKLIN, MA 02038**
5224 ft.

Site 2 of 3 in cluster B

Relative:
Higher

Actual:
250 ft.

LUST:

Facility ID:	2-4011822
Source Type:	UST
Release Town:	FRANKLIN
Notification Date:	11/28/95
Category:	72 HR
Associated ID:	2-4011822
Site Status:	**Response Action Outcome**
Status Date:	08/16/00
Phase:	PHASE III
Rspns Actn Outcome Class:	A2

HAYWARD IND PK (Continued) **S105043567**

Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome
Action Stat:	Level I - Technical Screen Audit
Action Date:	10/04/04
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	9996
Action Type:	Immediate Response
Action Stat:	Completion Statement Received
Action Date:	08/16/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	Immediate Response
Action Stat:	Modified, Revised, or Updated Plan Received
Action Date:	09/14/99
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	Phase II
Action Stat:	Completion Statement Received
Action Date:	06/24/99
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	Tier Classification
Action Stat:	Legal Notice Published
Action Date:	12/11/96
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	Phase I
Action Stat:	Completion Statement Received
Action Date:	12/05/96
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	Immediate Response
Action Stat:	Status Report Received
Action Date:	04/19/96
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	RNF
Action Stat:	REPORT
Action Date:	01/30/96
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	11/28/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	FUEL OIL #6

HAYWARD IND PK (Continued) **S105043567**

Amount:	.5
Quantity:	inches
Location Type:	COMMERCIAL
Source Type:	UST

MA RELEASE:

Facility ID:	2-4011822
Primary ID:	2-4011822
Official City:	FRANKLIN
Notification:	11/28/95
Category:	72 HR
Facility Status:	**Response Action Outcome**
Status Date:	08/16/00
Phase:	PHASE III
Rspns Actn Outcome Class:	A2
Oil / Haz Material Type:	Oil
Action Type:	Response Action Outcome
Action Stat:	Level I - Technical Screen Audit
Action Date:	10/04/04
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	9996
Action Type:	Immediate Response
Action Stat:	Completion Statement Received
Action Date:	08/16/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	Immediate Response
Action Stat:	Modified, Revised, or Updated Plan Received
Action Date:	09/14/99
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	Phase II
Action Stat:	Completion Statement Received
Action Date:	06/24/99
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	Tier Classification
Action Stat:	Legal Notice Published
Action Date:	12/11/96
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	Phase I
Action Stat:	Completion Statement Received
Action Date:	12/05/96
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	Immediate Response
Action Stat:	Status Report Received
Action Date:	04/19/96
Response Action Outcome:	Not reported

HAYWARD IND PK (Continued) **S105043567**

Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	RNF
Action Stat:	REPORT
Action Date:	01/30/96
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	11/28/95
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	FUEL OIL #6
Amount:	.5
Quantity:	inches
Location Type:	COMMERCIAL
Source Type:	UST

B18 **NO LOCATION AID** **LUST** **S104546320**
ESE **31 HAYWARD ST** **Release** **N/A**
1/2-1 **FRANKLIN, MA 02038**
5224 ft.

Site 3 of 3 in cluster B

Relative: Higher

Actual: 250 ft.

LUST:

Facility ID:	2-4012052
Source Type:	UST
Release Town:	FRANKLIN
Notification Date:	03/29/96
Category:	72 HR
Associated ID:	2-4011822
Site Status:	**Response Action Outcome Not Required**
Status Date:	12/05/96
Phase:	Not reported
Rspns Actn Outcome Class:	Not reported
Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome Not Required
Action Stat:	Related to a Tier Classified Site
Action Date:	12/05/96
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	Immediate Response
Action Stat:	Completion Statement Received
Action Date:	08/16/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	RNF
Action Stat:	REPORT
Action Date:	07/17/96
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Written Plan Received

NO LOCATION AID (Continued) **S104546320**

Action Date:	07/17/96
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	Release
Action Stat:	REPORT
Action Date:	03/29/96
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	FUEL OIL #2
Amount:	Not reported
Quantity:	Not reported
Chemical:	UNKNOWN CHEMICAL OF UNKNOWN TYPE
Amount:	2500
Quantity:	parts per million
Location Type:	COMMERCIAL
Source Type:	UST

MA RELEASE:

Facility ID:	2-4012052
Primary ID:	2-4011822
Official City:	FRANKLIN
Notification:	03/29/96
Category:	72 HR
Facility Status:	**Response Action Outcome Not Required**
Status Date:	12/05/96
Phase:	Not reported
Rspns Actn Outcome Class:	Not reported
Oil / Haz Material Type:	Oil
Action Type:	Response Action Outcome Not Required
Action Stat:	Related to a Tier Classified Site
Action Date:	12/05/96
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	Immediate Response
Action Stat:	Completion Statement Received
Action Date:	08/16/00
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	RNF
Action Stat:	REPORT
Action Date:	07/17/96
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Written Plan Received
Action Date:	07/17/96
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9996
Action Type:	Release
Action Stat:	REPORT
Action Date:	03/29/96

NO LOCATION AID (Continued) **S104546320**

Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	FUEL OIL #2
Amount:	Not reported
Quantity:	Not reported
Chemical:	UNKNOWN CHEMICAL OF UNKNOWN TYPE
Amount:	2500
Quantity:	parts per million
Location Type:	COMMERCIAL
Source Type:	UST

C19
ESE
1/2-1
5268 ft.

Relative:
Higher

Actual:
247 ft.

CLARK CUTLER MCDERMOTT FACILITY **SHWS** **S103546580**
42 HAYWARD ST **Release** **N/A**
FRANKLIN, MA 02038

Site 1 of 2 in cluster C

SHWS:

Facility ID:	2-4010660
Source Type:	TRANSFORM
Release Town:	FRANKLIN
Notification Date:	08/10/94
Category:	TWO HR
Associated ID:	-
Facility Status:	**Response Action Outcome**
Status Date:	10/04/94
Phase:	Not reported
Response Action Outcome Class:	A1
Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	10/04/94
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	6135
Action Type:	RNF
Action Stat:	REPORT
Action Date:	09/28/94
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	08/10/94
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	08/10/94
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Oral Approval of Plan
Action Date:	08/10/94

CLARK CUTLER MCDERMOTT FACILITY (Continued) **S103546580**

Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	MINERAL OIL
Amount:	40
Quantity:	gallons
Chemical:	MINERAL OIL
Amount:	42
Quantity:	gallons
Location Type:	INDUSTRIAL
Source Type:	TRANSFORM

MA RELEASE:

Facility ID:	2-4010660
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	08/10/94
Category:	TWO HR
Facility Status:	**Response Action Outcome**
Status Date:	10/04/94
Phase:	Not reported
Rspns Actn Outcome Class:	A1
Oil / Haz Material Type:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	10/04/94
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Activity Use Limitaion:	NONE
LSP Number:	6135
Action Type:	RNF
Action Stat:	REPORT
Action Date:	09/28/94
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	08/10/94
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	08/10/94
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Immediate Response
Action Stat:	Oral Approval of Plan
Action Date:	08/10/94
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	MINERAL OIL
Amount:	40
Quantity:	gallons

CLARK CUTLER MCDERMOTT FACILITY (Continued) **S103546580**

Chemical:	MINERAL OIL
Amount:	42
Quantity:	gallons
Location Type:	INDUSTRIAL
Source Type:	TRANSFORM

C20
ESE
1/2-1
5270 ft.

NO LOCATION AID
40 HAYWARD ST
FRANKLIN, MA 02038

LUST **S103384030**
Release **N/A**

Site 2 of 2 in cluster C

Relative:
Higher

Actual:
247 ft.

LUST:

Facility ID:	2-4013938
Source Type:	UST
Release Town:	FRANKLIN
Notification Date:	06/12/98
Category:	72 HR
Associated ID:	-
Site Status:	**Response Action Outcome**
Status Date:	10/09/98
Phase:	Not reported
Rspns Actn Outcome Class:	A2
Oil Or Haz Material:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	10/09/98
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	9282
Action Type:	Immediate Response
Action Stat:	Completion Statement Received
Action Date:	10/09/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9282
Action Type:	RNF
Action Stat:	REPORT
Action Date:	08/11/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	06/12/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	GASOLINE
Amount:	100
Quantity:	parts per million
Chemical:	UNKNOWN CHEMICAL OF UNKNOWN TYPE
Amount:	100
Quantity:	parts per million
Location Type:	MUNICIPAL
Source Type:	UST

NO LOCATION AID (Continued) **S103384030**

MA RELEASE:

Facility ID:	2-4013938
Primary ID:	Not reported
Official City:	FRANKLIN
Notification:	06/12/98
Category:	72 HR
Facility Status:	**Response Action Outcome**
Status Date:	10/09/98
Phase:	Not reported
Rspns Actn Outcome Class:	A2
Oil / Haz Material Type:	Oil
Action Type:	Response Action Outcome
Action Stat:	RAO Statement Received
Action Date:	10/09/98
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Activity Use Limitaion:	NONE
LSP Number:	9282
Action Type:	Immediate Response
Action Stat:	Completion Statement Received
Action Date:	10/09/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	9282
Action Type:	RNF
Action Stat:	REPORT
Action Date:	08/11/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Action Type:	Release
Action Stat:	REPORT
Action Date:	06/12/98
Response Action Outcome:	Not reported
Activity Use Limitaion:	Not reported
LSP Number:	Not reported
Chemical:	GASOLINE
Amount:	100
Quantity:	parts per million
Chemical:	UNKNOWN CHEMICAL OF UNKNOWN TYPE
Amount:	100
Quantity:	parts per million
Location Type:	MUNICIPAL
Source Type:	UST

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FRANKLIN	S106954139	MINE BROOK-MILK SPILL	RTE 140	02038	SHWS, Release
FRANKLIN	S102088325	JUST NORTH OF RTE 140	RTE 495 NORTH @ MEDIAN	02038	SHWS, Release
FRANKLIN	S103384093	KING ST	RTE 495	02038	SHWS, Release
FRANKLIN	S104000729	OFFRAMP TO RTE 140 NORTH	RTE 495 AT EXIT 17	02038	SHWS, Release
FRANKLIN	S104482700	BETWEEN EXIT 16 & 17	RTE 495 N	02038	SHWS, Release
FRANKLIN	S106863401	NORTH OF EXIT 16	RTE 495 S	02038	SHWS, Release
FRANKLIN	S106775884	NO LOCATION AID	BUILDING 8 / 10 FORGE PKWY	02038	SHWS, Release
FRANKLIN	U000747569	I495 CROSSING PUMP STATION	W CENTRAL ST	02038	UST
FRANKLIN	1007941977	STOP AND SHOP SUPERMARKETS	W CENTRAL ST.		CT MANIFEST
FRANKLIN	S108034602	RTE 140-I495 RELOCATION ROADWAY CO	WEST CENTRAL ST / GRV	02038	SHWS, Release
FRANKLIN	S106863516	BJ'S WHOLESALE CLUB - GASOLINE OUT	CORPORATE DRIVE-LOT 2	02038	SHWS, Release
FRANKLIN	1009222759	THERMO LABSYSTEMS	8E FORGE PKWY	02038	NY MANIFEST
FRANKLIN	U000227896	MASS DPW MAINT SITE	GROVE ST	02038	UST
FRANKLIN	S107678326	POLE 78	1647 OLD WEST CENTRAL ST	02038	SHWS, Release
FRANKLIN	S105735993	FORMER SEWAGE PLANT SITE	POND ST	02038	SHWS, Release
USA COUNTY	1007924311	VENDETTE MOTORS	411 W. CENTRAL ST. FRANKLIN	02038	CT MANIFEST
USA COUNTY	1007929330	EDMOND'S AUTO SALES	847 WEST CENTRAL ST. FRANKLIN	02038	CT MANIFEST
USA COUNTY	1007953449	KEIGAN CHEVROLET OLDS & GEO	340 E. CENTRAL ST. FRANKLIN	02038	CT MANIFEST
USA COUNTY	1007965539	PATALANO CHRYSLER PLYMOUTH	400 EAST CENTRAL ST. FRANKLIN	02038	CT MANIFEST
USA COUNTY	1007975889	FRANKLIN MOBIL	660 WEST CENTRAL ST. FRANKLIN	02038	CT MANIFEST
USA COUNTY	1007959224	STORAGE MAX	14 GROVE ST. FRANKLIN	02038	CT MANIFEST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/27/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 09/27/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/27/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/09/2006
Date Data Arrived at EDR: 09/21/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 62

Source: EPA
Telephone: 703-603-8960
Last EDR Contact: 12/19/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/10/2006
Date Data Arrived at EDR: 10/25/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 28

Source: EPA
Telephone: 703-603-8960
Last EDR Contact: 12/18/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/27/2006
Date Data Arrived at EDR: 10/11/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 63

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/04/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006
Date Data Arrived at EDR: 06/28/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 56

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/13/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 40

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 10/24/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 10/18/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 35

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/18/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 09/07/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 09/07/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 11/10/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 09/20/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 63

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/18/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/17/2006
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 04/25/2005
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/07/2006
Date Data Arrived at EDR: 10/13/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 61

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/02/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005
Date Data Arrived at EDR: 11/28/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 63

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/18/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 06/22/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 62

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 12/19/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 10/18/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 10/27/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 26

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 12/18/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 10/27/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 26

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 12/18/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 05/11/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 11

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 11/07/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006
Date Data Arrived at EDR: 04/21/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/07/2006
Date Data Arrived at EDR: 08/09/2006
Date Made Active in Reports: 09/06/2006
Number of Days to Update: 28

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 11/29/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 10/31/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/02/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/09/2006
Date Data Arrived at EDR: 09/27/2006
Date Made Active in Reports: 11/27/2006
Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/28/2006
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/11/2006
Date Data Arrived at EDR: 10/18/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 56

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 12/04/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/15/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

SHWS: Site Transition List

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

Date of Government Version: 10/30/2006
Date Data Arrived at EDR: 11/08/2006
Date Made Active in Reports: 11/15/2006
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 11/08/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Quarterly

SWF/LF: Solid Waste Facility Database/Transfer Stations

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/03/2006
Date Data Arrived at EDR: 11/01/2006
Date Made Active in Reports: 11/15/2006
Number of Days to Update: 14

Source: Department of Environmental Protection
Telephone: 617-292-5989
Last EDR Contact: 11/01/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Quarterly

LUST: Site Transition List

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

Date of Government Version: 10/30/2006
Date Data Arrived at EDR: 11/08/2006
Date Made Active in Reports: 11/15/2006
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 11/08/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Summary Listing of all the Tanks Registered in the State of Massachusetts
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 11/13/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 12/21/2006
Number of Days to Update: 36

Source: Department of Fire Services, Office of the Public Safety
Telephone: 978-567-3715
Last EDR Contact: 11/15/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tank Sites
Sites within the Releases Database that have a AST listed as its source.

Date of Government Version: 10/30/2006
Date Data Arrived at EDR: 11/08/2006
Date Made Active in Reports: 11/15/2006
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 617-292-5500
Last EDR Contact: 11/08/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Database
Registered Aboveground Storage Tanks.

Date of Government Version: 11/13/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 12/21/2006
Number of Days to Update: 36

Source: Department of Public Safety
Telephone: 978-567-3715
Last EDR Contact: 11/15/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Quarterly

MA SPILLS: Historical Spill List
The Spills Database was the release notification tracking system for spills that occurred prior to October 1, 1993. This information should be considered to be primarily of historical interest since all of the listed spills have either been cleaned up or assigned new tracking numbers and moved to the Reportable Releases or Sites Transition List databases.

Date of Government Version: 09/30/1993
Date Data Arrived at EDR: 12/03/2003
Date Made Active in Reports: 12/31/2003
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 617-292-5720
Last EDR Contact: 12/03/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

RELEASE: Reportable Releases
Contains information on all releases of oil and hazardous materials that have been reported to DEP

Date of Government Version: 10/30/2006
Date Data Arrived at EDR: 11/08/2006
Date Made Active in Reports: 11/15/2006
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 11/08/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Quarterly

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

Date of Government Version: 10/30/2006
Date Data Arrived at EDR: 11/08/2006
Date Made Active in Reports: 11/15/2006
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 11/08/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Quarterly

DRYCLEANERS: Regulated Drycleaning Facilities
A listing of Department of Environmental Protection regulated drycleaning facilities that use perchloroethylene under the Environmental Results Program.

Date of Government Version: 11/17/2006
Date Data Arrived at EDR: 11/20/2006
Date Made Active in Reports: 12/28/2006
Number of Days to Update: 38

Source: Department of Environmental Protection
Telephone: 617-292-5633
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Varies

ENFORCEMENT: Enforcement Action Cases
A listing of enforcement action cases tracked by Department of Environmental Protection programs, including Solid Waste and Hazardous Waste.

Date of Government Version: 08/01/2004
Date Data Arrived at EDR: 09/01/2004
Date Made Active in Reports: 10/01/2004
Number of Days to Update: 30

Source: Department of Environmental Quality
Telephone: 617-292-5979
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 02/26/2007
Data Release Frequency: Varies

AIRS: Permitted Facilities Listing
A listing of Air Quality permit applications.

Date of Government Version: 11/16/2006
Date Data Arrived at EDR: 11/20/2006
Date Made Active in Reports: 12/28/2006
Number of Days to Update: 38

Source: Department of Environmental Protection
Telephone: 617-292-5789
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Varies

LEAD: Lead Inspection Database
The Massachusetts Childhood Lead Poisoning Prevention Program data of lead inspection for the state.

Date of Government Version: 08/16/2005
Date Data Arrived at EDR: 10/20/2005
Date Made Active in Reports: 12/01/2005
Number of Days to Update: 42

Source: Department of Health & Human Services, Childhood Lead Poisoning Prevention Progr
Telephone: 617-624-5757
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/10/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 61

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005
Date Data Arrived at EDR: 01/21/2005
Date Made Active in Reports: 02/28/2005
Number of Days to Update: 38

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/30/2006
Date Data Arrived at EDR: 09/06/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/11/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 09/11/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004
Date Data Arrived at EDR: 12/29/2004
Date Made Active in Reports: 02/04/2005
Number of Days to Update: 37

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 08/30/2006
Date Data Arrived at EDR: 09/06/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 08/28/2006
Date Data Arrived at EDR: 08/29/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 61

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 11/01/2006
Date Data Arrived at EDR: 11/13/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 08/30/2006
Date Made Active in Reports: 10/16/2006
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/29/2006
Next Scheduled EDR Contact: 02/26/2007
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 81

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 04/11/2006
Date Data Arrived at EDR: 10/31/2006
Date Made Active in Reports: 12/18/2006
Number of Days to Update: 48

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 12/18/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 06/29/2006
Date Made Active in Reports: 07/31/2006
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 11/13/2006
Next Scheduled EDR Contact: 02/12/2007
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

NU-STYLE COMPANY
15 GROVE STREET
FRANKLIN, MA 02038

TARGET PROPERTY COORDINATES

Latitude (North):	42.08730 - 42˚ 5' 14.3"
Longitude (West):	71.4279 - 71˚ 25' 40.4"
Universal Tranverse Mercator:	Zone 19
UTM X (Meters):	299190.4
UTM Y (Meters):	4662108.0
Elevation:	231 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	42071-A4 FRANKLIN, MA
Most Recent Revision:	1987

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

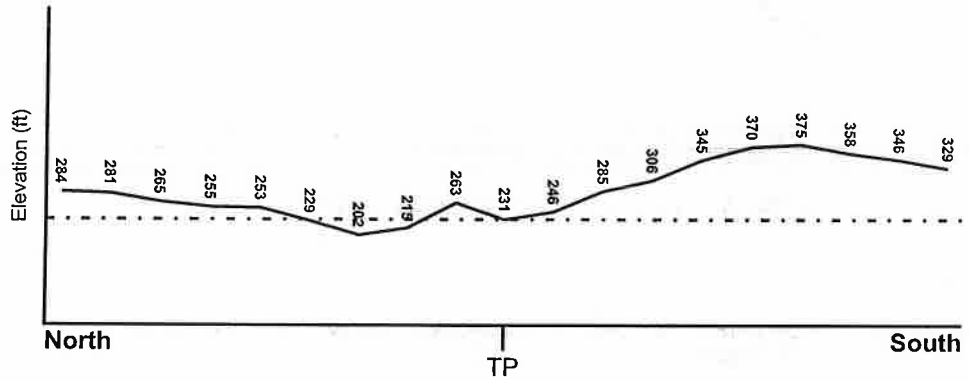
TOPOGRAPHIC INFORMATION

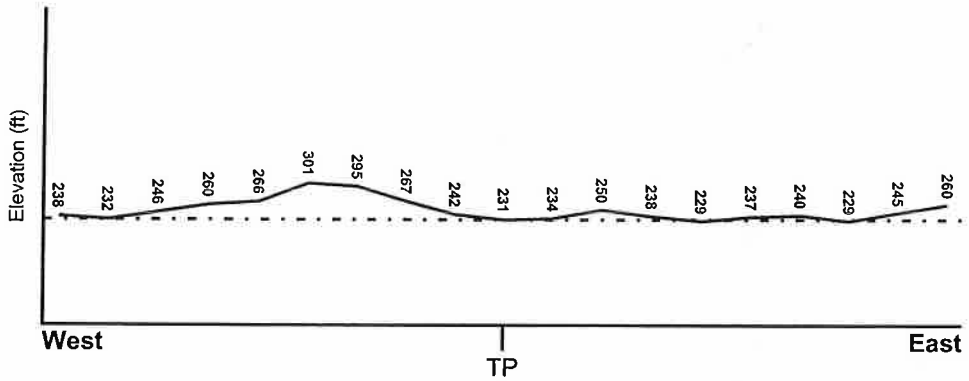
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 231 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
NORFOLK, MA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	2502400005B
Additional Panels in search area:	2502400003B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
FRANKLIN	Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

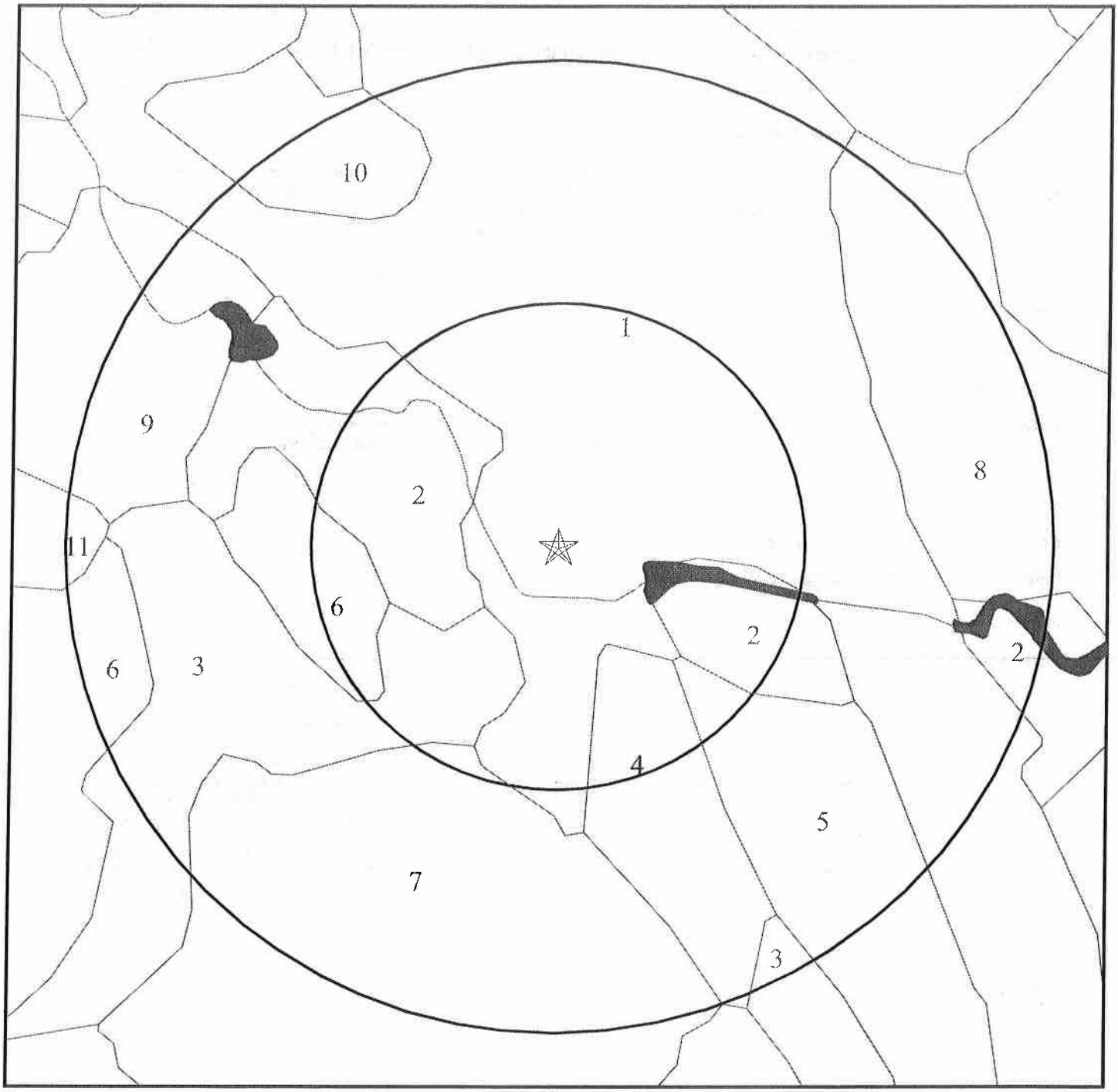
Era:	Precambrian
System:	Precambrian
Series:	Z ganitic rocks
Code:	Zg *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 1826659.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

SITE NAME: Nu-Style Company ADDRESS: 15 Grove Street Franklin MA 02038 LAT/LONG: 42.0873 / 71.4279	CLIENT: Fuss & ONeill Consulting Eng. CONTACT: Lisa Kanner INQUIRY #: 1826659.2s DATE: January 02, 2007 10:49 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: UDORTHENTS

Soil Surface Texture: variable

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Not reported

Hydric Status: Soil has not been ranked with a hydric criteria.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 20.00 Min: 0.06	Max: 0.00 Min: 0.00
2	6 inches	60 inches	variable	Not reported	Not reported	Max: 20.00 Min: 0.06	Max: 0.00 Min: 0.00

Soil Map ID: 2

Soil Component Name: FREETOWN

Soil Surface Texture: sapric material

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly. Soils are wet to the surface most of the time. Depth to water table is less than 1 foot, or is ponded.

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	14 inches	sapric material	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 4.40 Min: 3.60
2	14 inches	60 inches	sapric material	A-8	Highly organic soils, Peat.	Max: 6.00 Min: 0.60	Max: 4.40 Min: 3.60

Soil Map ID: 3

Soil Component Name: RIDGEBURY

Soil Surface Texture: very stony - fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Poorly. Soils may have a saturated zone, a layer of low hydraulic conductivity, or seepage. Depth to water table is less than 1 foot.

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	10 inches	very stony - fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 0.60	Max: 6.50 Min: 4.50
2	10 inches	19 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 0.60	Max: 6.50 Min: 4.50
3	19 inches	60 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.20 Min: 0.00	Max: 6.50 Min: 4.50

Soil Map ID: 4

Soil Component Name: SCARBORO

Soil Surface Texture: mucky - fine sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly. Soils are wet to the surface most of the time. Depth to water table is less than 1 foot, or is ponded.

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	9 inches	mucky - fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 4.50
2	9 inches	60 inches	stratified	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 4.50

Soil Map ID: 5

Soil Component Name: HINCKLEY

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively. Soils have very high and high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	10 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 3.60
2	10 inches	14 inches	gravelly - loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 3.60
3	14 inches	60 inches	stratified	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 20.00	Max: 6.00 Min: 3.60

Soil Map ID: 6

Soil Component Name: WOODBRIDGE

Soil Surface Texture: very stony - fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	8 inches	very stony - fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
2	8 inches	26 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
3	26 inches	60 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.20 Min: 0.00	Max: 6.00 Min: 4.50

Soil Map ID: 7

Soil Component Name: PAXTON

Soil Surface Texture: very stony - fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	5 inches	very stony - fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
2	5 inches	29 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
3	29 inches	60 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 0.20 Min: 0.00	Max: 6.00 Min: 4.50

Soil Map ID: 8

Soil Component Name: HINCKLEY

Soil Surface Texture: sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively. Soils have very high and high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

No Layer Information available.

Soil Map ID: 9

Soil Component Name: CANTON

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information

	Boundary			Classification			
Layer	**Upper**	**Lower**	**Soil Texture Class**	**AASHTO Group**	**Unified Soil**	**Permeability Rate (in/hr)**	**Soil Reaction (pH)**
1	0 inches	3 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.00 Min: 3.60
2	3 inches	18 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.00 Min: 3.60
3	18 inches	60 inches	gravelly - loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 3.60

Soil Map ID: 10

Soil Component Name: HINCKLEY

Soil Surface Texture: sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively. Soils have very high and high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information

	Boundary			Classification			
Layer	**Upper**	**Lower**	**Soil Texture Class**	**AASHTO Group**	**Unified Soil**	**Permeability Rate (in/hr)**	**Soil Reaction (pH)**
1	0 inches	10 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 3.60
2	10 inches	14 inches	gravelly - loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 3.60
3	14 inches	60 inches	stratified	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 20.00	Max: 6.00 Min: 3.60

Soil Map ID: 11

Soil Component Name: CHARLTON

Soil Surface Texture: very stony - fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information

	Boundary			Classification			
Layer	**Upper**	**Lower**	**Soil Texture Class**	**AASHTO Group**	**Unified Soil**	**Permeability Rate (in/hr)**	**Soil Reaction (pH)**
1	0 inches	6 inches	very stony - fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 0.60	Max: 6.00 Min: 4.50
2	6 inches	36 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 0.60	Max: 6.00 Min: 4.50
3	36 inches	60 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 0.60	Max: 6.00 Min: 4.50

Soil Map ID: 12

Soil Component Name: CHARLTON

Soil Surface Texture: very stony - fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information

	Boundary			Classification			
Layer	**Upper**	**Lower**	**Soil Texture Class**	**AASHTO Group**	**Unified Soil**	**Permeability Rate (in/hr)**	**Soil Reaction (pH)**
1	0 inches	6 inches	very stony - fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 0.60	Max: 6.00 Min: 4.50
2	6 inches	36 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 0.60	Max: 6.00 Min: 4.50
3	36 inches	60 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 0.60	Max: 6.00 Min: 4.50

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS3319020	1/8 - 1/4 Mile East
2	USGS3319051	1/8 - 1/4 Mile North
3	USGS3319013	1/8 - 1/4 Mile ESE
4	USGS3319068	1/4 - 1/2 Mile NW
5	USGS3319084	1/4 - 1/2 Mile NNW
6	USGS3318976	1/2 - 1 Mile SSE
7	USGS3319092	1/2 - 1 Mile NNW
A8	USGS3318969	1/2 - 1 Mile SE
B9	USGS3318991	1/2 - 1 Mile ESE
A10	USGS3318962	1/2 - 1 Mile SE
B11	USGS3318993	1/2 - 1 Mile ESE
12	USGS3318998	1/2 - 1 Mile ESE
C13	USGS3318929	1/2 - 1 Mile SSE
14	USGS3319006	1/2 - 1 Mile East
D17	USGS3318939	1/2 - 1 Mile SE
D18	USGS3318938	1/2 - 1 Mile SE
C19	USGS3318923	1/2 - 1 Mile SSE
E20	USGS3318928	1/2 - 1 Mile SE
22	USGS3319122	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D16	MA4101000	1/2 - 1 Mile SE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

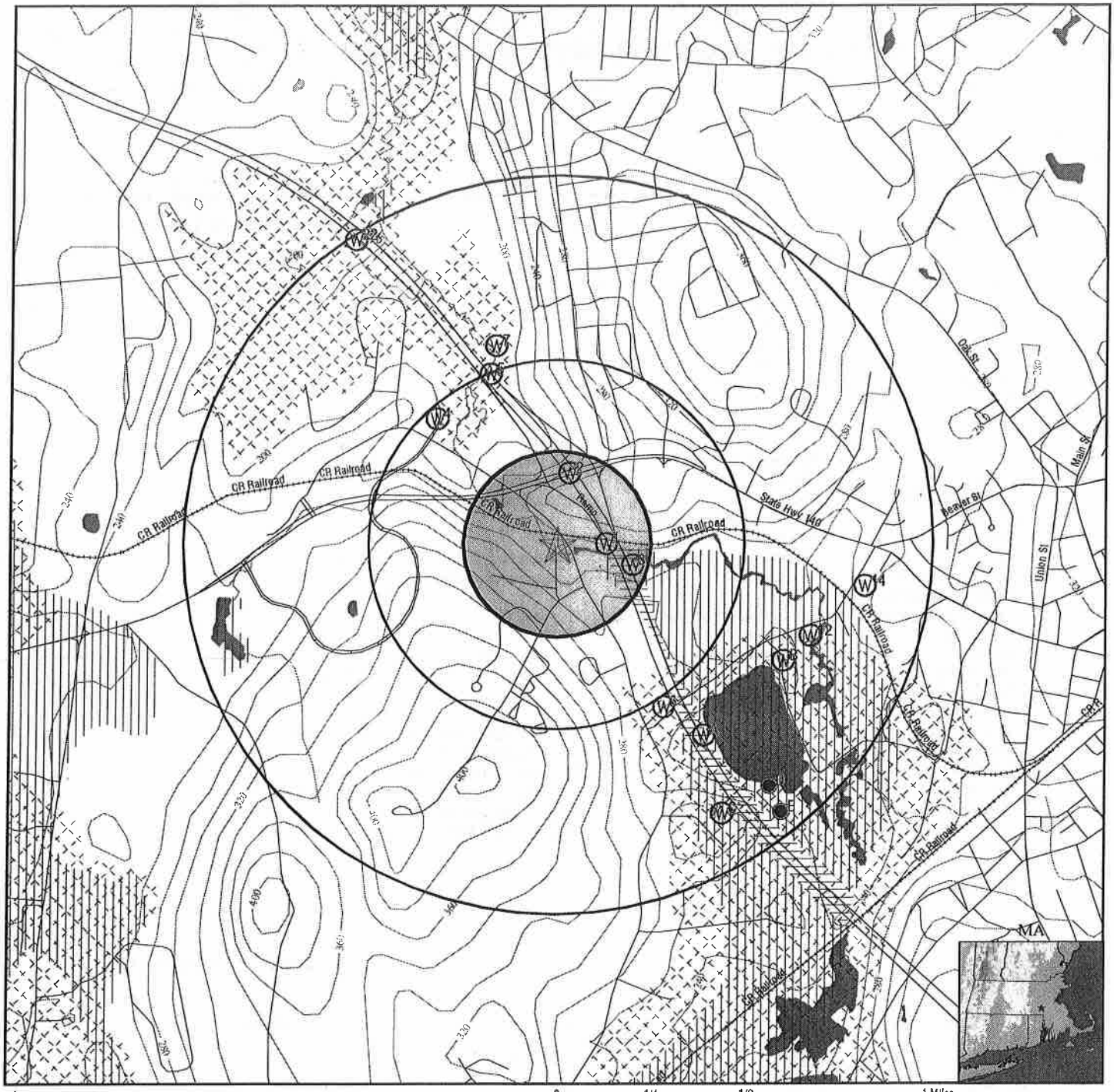
MAP ID	WELL ID	LOCATION FROM TP
D15	MA20001256	1/2 - 1 Mile SE
E21	MA20001246	1/2 - 1 Mile SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

PHYSICAL SETTING SOURCE MAP - 1826659.2s



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location

Potentially Productive Aquifers
Not Potentially Productive Aquifers
DEP Approved Zone IIs
EPA Designated Sole Src. Aq.

SITE NAME: Nu-Style Company ADDRESS: 15 Grove Street Franklin MA 02038 LAT/LONG: 42.0873 / 71.4279	CLIENT: Fuss & ONeill Consulting Eng. CONTACT: Lisa Kanner INQUIRY #: 1826659.2s DATE: January 02, 2007 10:49 am

Map ID Direction Distance Elevation		Database	EDR ID Number
1 **East** **1/8 - 1/4 Mile** **Higher**		**FED USGS**	**USGS3319020**

Agency cd:	USGS	Site no:	420514071253301
Site name:	MA-F2B 7		
Latitude:	420514		
Longitude:	0712533	Dec lat:	42.08732
Dec lon:	-71.4253372	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	231.00	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	1965
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	39.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1965-01-01	Ground water data end date:	1965-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 0

2 **North** **1/8 - 1/4 Mile** **Higher**		**FED USGS**	**USGS3319051**

Agency cd:	USGS	Site no:	420524071254001
Site name:	MA-F2B 6		
Latitude:	420524		
Longitude:	0712540	Dec lat:	42.09009778
Dec lon:	-71.4272817	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	274.00	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	1964
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	90.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

3
ESE
1/8 - 1/4 Mile
Lower

FED USGS **USGS3319013**

Agency cd:	USGS	Site no:	420511071252801
Site name:	MA-F2B 8		
Latitude:	420511		
Longitude:	0712528	Dec lat:	42.08648667
Dec lon:	-71.4239483	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	220.00	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	1965
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	32.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1965-01-01	Ground water data end date:	1965-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 0

4
NW
1/4 - 1/2 Mile
Lower

FED USGS **USGS3319068**

Agency cd:	USGS	Site no:	420532071260301
Site name:	MA-F2W 75		
Latitude:	420532		
Longitude:	0712603	Dec lat:	42.0922222
Dec lon:	-71.4341667	Coor meth:	G
Coor accr:	S	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	206.10	Altitude method:	L
Altitude accuracy:	.01	Altitude datum:	NAVD88
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19990527
Date inventoried:	19990527	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	28.98	Hole depth:	29.0
Source of depth data:	reporting agency (generally USGS)		
Project number:	442515100		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1999-08-16	Ground water data end date:	2000-09-25
Ground water data count:	13		

Ground-water levels, Number of Measurements: 0

5
NNW
1/4 - 1/2 Mile
Lower

FED USGS **USGS3319084**

Agency cd:	USGS	Site no:	420538071255501
Site name:	MA-F2B 5		
Latitude:	420538		
Longitude:	0712555	Dec lat:	42.09398639
Dec lon:	-71.4314486	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	184.00	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Lake, swamp or marsh		
Site type:	Ground-water other than Spring	Date construction:	1965
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	45.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1965-01-01	Ground water data end date:	1965-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 0

6
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS3318976**

Agency cd:	USGS	Site no:	420451071252201
Site name:	MA-F2B 9		
Latitude:	420451		
Longitude:	0712522	Dec lat:	42.0809311
Dec lon:	-71.42228139	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	242.00	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Undulating		
Site type:	Ground-water other than Spring	Date construction:	1964
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	49.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1964-10-01	Ground water data end date:	1964-10-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 0

7
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS3319092**

Agency cd:	USGS	Site no:	420542071255401
Site name:	MA-F2R 3		
Latitude:	420542		
Longitude:	0712554	Dec lat:	42.0950975
Dec lon:	-71.4311708	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	183.00	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Lake, swamp or marsh		
Site type:	Ground-water other than Spring	Date construction:	1964
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	36.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A8
SE
1/2 - 1 Mile
Lower

FED USGS **USGS3318969**

Agency cd:	USGS	Site no:	420448071251401
Site name:	MA-F2W 34		
Latitude:	420448		
Longitude:	0712514	Dec lat:	42.08009778
Dec lon:	-71.4200592	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	230.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	1954
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	48.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

B9
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS3318991**

Agency cd:	USGS	Site no:	420457071250201
Site name:	MA-F2W 3		
Latitude:	420457		
Longitude:	0712502	Dec lat:	42.08259778
Dec lon:	-71.4167258	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	230.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	28.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A10
SE
1/2 - 1 Mile
Lower

FED USGS **USGS3318962**

Agency cd:	USGS	Site no:	420446071251501
Site name:	MA-F2R 5		
Latitude:	420446		
Longitude:	0712515	Dec lat:	42.0795422
Dec lon:	-71.4203369	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	234.00	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Lake, swamp or marsh		
Site type:	Ground-water other than Spring	Date construction:	1964
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	30.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1964-12-01	Ground water data end date:	1964-12-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 0

B11
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS3318993**

Agency cd:	USGS	Site no:	420458071245801
Site name:	MA-F2W 33		
Latitude:	420458		
Longitude:	0712458	Dec lat:	42.08287556
Dec lon:	-71.4156144	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	230.00	Altitude method:	M
Altitude accuracy:	5.	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	1961
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	46.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1961-07-01	Ground water data end date:	1961-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 0

12
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS3318998**

Agency cd:	USGS	Site no:	420501071245501
Site name:	MA-F2W 31		
Latitude:	420501		
Longitude:	0712455	Dec lat:	42.08370889
Dec lon:	-71.4147811	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	235.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	1961
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	28.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1961-07-01	Ground water data end date:	1961-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 0

C13
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS3318929**

Agency cd:	USGS	Site no:	420437071251301
Site name:	MA-F2R 9		
Latitude:	420437		
Longitude:	0712513	Dec lat:	42.0770422
Dec lon:	-71.41978139	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	292.00	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	1964
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	47.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

14
East
1/2 - 1 Mile
Higher

FED USGS **USGS3319006**

Agency cd:	USGS	Site no:	420508071244501
Site name:	MA-F2W 32		
Latitude:	420508		
Longitude:	0712445	Dec lat:	42.0856533
Dec lon:	-71.4120033	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	240.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	1961
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	35.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count: 0
Water quality data end date:0000-00-00
Ground water data begin date: 1961-07-01
Ground water data count: 1

Water quality data begin date: 0000-00-00
Water quality data count: 0
Ground water data end date: 1961-07-01

Ground-water levels, Number of Measurements: 0

D15
SE
1/2 - 1 Mile
Higher

MA WELLS **MA20001256**

Objectid:	424		
Source id:	4101000-02G	Site name:	WELL # 2
Town:	FRANKLIN	Region:	4
Latitude:	42.07775812		
Longitude:	71.41714056		
Type:	GW	Zii num:	249
Site id:	MA20001256		

D16
SE
1/2 - 1 Mile
Lower

FRDS PWS **MA4101000**

PWS ID: MA4101000 PWS Status: Not Reported
Date Initiated: Not Reported Date Deactivated: Not Reported
PWS Name: FRANKLIN WATER DEPT
MUNICIPAL BLDG 150 EMMONS ST
FRANKLIN, MA 020380000

Source: Ground water
Treatment Objective: CORROSION CONTROL
Treatment Objective: CORROSION CONTROL
Treatment Objective: CORROSION CONTROL
Treatment Objective: OTHER

Process: INHIBITOR, HEXAMETAPHOSPHATE
Process: INHIBITOR, SILICATE
Process: PH ADJUSTMENT
Process: FLUORIDATION

Addressee / Facility: Mailing
TOWN OF FRANKLIN WATER DIVISION
MUNICIPAL BLDG 150 EMMONS ST
FRANKLIN, MA 020380000

Facility Latitude:	42 3 36.0000	Facility Longitude:	71 25 39.0000
Facility Latitude:	42 3 49.0000	Facility Longitude:	71 25 28.0000
Facility Latitude:	42 4 37.0000	Facility Longitude:	71 24 59.0000
Facility Latitude:	42 4 38.0000	Facility Longitude:	71 24 59.0000
Facility Latitude:	42 4 40.0000	Facility Longitude:	71 25 2.0000
Facility Latitude:	42 4 43.0000	Facility Longitude:	71 23 49.0000
Facility Latitude:	42 6 46.0000	Facility Longitude:	71 22 20.0000
Facility Latitude:	42 6 48.0000	Facility Longitude:	71 25 6.0000
Facility Latitude:	42 7 5.0000	Facility Longitude:	71 22 32.0000
Facility Latitude:	42 8 0.0000	Facility Longitude:	71 23 0.0000
City Served:	Not Reported		
Treatment Class:	Treated	Population:	27000

PWS currently has or had major violation(s) or enforcement: Yes

Violations information not reported.

ENFORCEMENT INFORMATION:

System Name:	FRANKLIN WATER DEPT		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	7/1/2000 0:00:00 - 7/31/2000 0:00:00		
Violation ID:	00V0001		
Enforcement Date:	8/16/2000 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	FRANKLIN WATER DEPT		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	9/1/2000 0:00:00 - 9/30/2000 0:00:00		
Violation ID:	01V0001		
Enforcement Date:	10/26/2000 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	FRANKLIN WATER DEPT		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1994-08-01 - 1994-08-31		
Violation ID:	9500001V		
Enforcement Date:	1994-11-04	Enf. Action:	State Compliance Achieved
System Name:	FRANKLIN WATER DEPT		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-06-01 - 1995-06-30		
Violation ID:	9500002V		
Enforcement Date:	1995-07-14	Enf. Action:	State Compliance Achieved
System Name:	FRANKLIN WATER DEPT		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-07-01 - 1995-07-31		
Violation ID:	9600001V		
Enforcement Date:	1996-01-04	Enf. Action:	State Compliance Achieved

CONTACT INFORMATION:

Name:	FRANKLIN WATER DEPT	Population:	27394
Contact:	ANTHONY J MUCCIARONE	Phone:	5085204916
Address:	MUNICIPAL BLDG		
Address 2:	150 EMMONS STREET FRANKLIN, MA 02038		

D17
SE
1/2 - 1 Mile
Lower

FED USGS **USGS3318939**

Agency cd:	USGS	Site no:	420440071250202
Site name:	MA-F2W 60		
Latitude:	420440		
Longitude:	0712502	Dec lat:	42.07787556
Dec lon:	-71.4167256	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	235.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	1906
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	40.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1906-01-01	Ground water data end date:	1906-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 0

D18
SE
1/2 - 1 Mile
Lower

FED USGS **USGS3318938**

Agency cd:	USGS	Site no:	420440071250201
Site name:	MA-F2W 5		
Latitude:	420440		
Longitude:	0712502	Dec lat:	42.07787556
Dec lon:	-71.4167256	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	230.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	1945
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	58.0	Hole depth:	Not Reported
Source of depth data:	other		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	1971-05-03
Water quality data end date:	1971-05-03	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

C19
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS3318923**

Agency cd:	USGS	Site no:	420435071250901
Site name:	MA-F2R 11		
Latitude:	420435		
Longitude:	0712509	Dec lat:	42.07648667
Dec lon:	-71.41867028	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	293.00	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	1964
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	58.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1964-12-01	Ground water data end date:	1964-12-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 0

E20
SE
1/2 - 1 Mile
Higher

FED USGS **USGS3318928**

Agency cd:	USGS	Site no:	420437071245901
Site name:	MA-F2W 4		
Latitude:	420437		
Longitude:	0712459	Dec lat:	42.0770422
Dec lon:	-71.4158922	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	235.00	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	1944
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	39.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1960-06-01	Ground water data end date:	1960-06-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 0

E21
SE
1/2 - 1 Mile
Higher

MA WELLS **MA20001246**

Objectid:	423		
Source id:	4101000-01G	Site name:	WELL #1
Town:	FRANKLIN	Region:	4
Latitude:	42.07661428		
Longitude:	71.41655216		
Type:	GW	Zii num:	249
Site id:	MA20001246		

22
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS3319122**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	420557071262001
Site name:	MA-F2R 1		
Latitude:	420557		
Longitude:	0712620	Dec lat:	42.09926417
Dec lon:	-71.4383933	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	021
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	181.00	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	Charles. Massachusetts. Area = 1130 sq.mi.		
Topographic:	Lake, swamp or marsh		
Site type:	Ground-water other than Spring	Date construction:	1964
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	32.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: MA Radon

Radon Test Results

County	% of sites>4 pCi/L	Median
NORFOLK	21	1.9

Federal EPA Radon Zone for NORFOLK County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 02038

Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	0.500 pCi/L	100%	0%	0%
Basement	1.660 pCi/L	80%	20%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Massachusetts Geographic Information System (MassGIS) Datalayers
Source: Executive Office of Environmental Affairs

Public Water Supply Database: The Public Water Supply datalayer contains the locations of public community surface and groundwater supply sources and public non-community supply sources as defined in 310 CMR 22.00.

OTHER STATE DATABASE INFORMATION

Areas of Critical Environmental Concern Datalayer: The Areas of Critical Environmental Concern (ACEC) datalayer shows the location of areas that have been designated ACECs by the Secretary of Environmental Affairs. ACEC designation requires greater environmental review of certain kinds of proposed development under state jurisdiction within the ACEC boundaries. The ACEC Program is administered by the Department of Environmental Management (DEM) on behalf of the Secretary of Environmental Affairs. The Massachusetts Coastal Zone Management (MCZM) Office managed the original Coastal ACEC Program from 1978 to 1993, and continues to play a key role in monitoring coastal ACECs. Procedures for ACEC designation and the general policies governing the effects of designation are contained in the ACEC regulations (301 CMR 12.00). The ACEC datalayer has been compiled by MCZM and DEM and includes both coastal and inland areas.

EPA Designated Sole Source Aquifers Datalayer: The Sole Source Aquifer datalayer was compiled by the Department of Environmental Protection (DEP) Division of Water Supply (DWS). Seven Sole Source Aquifers have been designated by the US Environmental Protection Agency (EPA) for Massachusetts. A Sole Source Aquifer (SSA) is an aquifer designated by US EPA as the sole or principal source of drinking water for a given aquifer service area; that is, an aquifer which is needed to supply 50% or more of the drinking water for that area and for which there are no reasonably available alternative sources should that aquifer become contaminated. The aquifers were defined by a EPA hydrogeologist.

Aquifers Datalayer: MassGIS produced an aquifer datalayer composed of 20 individual panels, generally based on the boundaries of the major drainage basins. Areas of high and medium yield were mapped. This datalayer includes polygon attribute coding to help in the identification of areas in which cleanup of hazardous waste sites must meet drinking water standards, as defined in the Massachusetts Contingency Plan (MCP) (310 CMR 40.00000).

DEP Approved Zone IIs Datalayer: The Department of Environmental Protection (DEP) approved Zone IIs datalayer was compiled by the DEP Division of Water Supply (DWS). The database contains 281 approved Zone IIs statewide. As stated in 310 CMR 22.02, a Zone II is "that area of an aquifer which contributes water to a well under the most severe pumping and recharge conditions that can be realistically anticipated (180 days of pumping at safe yield, with no recharge from precipitation.) It is bounded by the groundwater divides which result from pumping the well and by the contact of the aquifer with less permeable materials such as till or bedrock. In some cases, streams or lakes may act as recharge boundaries. In all cases, Zone IIs shall extend up gradient to its point of intersection with prevailing hydrogeologic boundaries (a groundwater flow divide, a contact with till or bedrock, or a recharge boundary)." These data are used in association with the Public Water Supplies datalayer. The following describes certain unique features of this association.

- Any proposed new well which will pump at least 100,000 gallons per day must have a Zone II delineation completed and approved by DEP prior to the well coming on line.
- Additionally, a new source may not be on-line yet, but other, older wells may fall within its Zone II boundary.
- Further, existing wells must have a Zone II delineated as a condition of receiving a water withdrawal permit under the Water Management Act.

RADON

State Database: MA Radon
Source: Department of Health
Telephone: 413-586-7525
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

EDR® Environmental Data Resources Inc

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Lisa Kanner
Fuss & ONeill Consulting
146 Hartford Road
Manchester, CT 06040

Order Date: 1/2/2007 **Completion Date:** 1/2/2007
Inquiry #: 1826659.3
P.O. #: NA
Site Name: Nu-Style Company
Address: 15 Grove Street
City/State: Franklin, MA 02038
Cross Streets:

Customer Project: 20060458A10
1018732PVC 401-861-3070

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

NO COVERAGE

The EDR-City Directory
Abstract

Nu-Style Company
15 Grove Street
Franklin, MA 02038

Inquiry Number: 1826659.4

Thursday, January 04, 2007

EDR® Environmental
Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

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

SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1986 through 2004. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: January 4, 2007

Target Property:
15 Grove Street
Franklin, MA 02038

Year	Uses	Source
1986	Address Not Listed in Research Source	Cole Criss-Cross Directory
1991	Address Not Listed in Research Source	Cole Criss-Cross Directory
1996	A M Leasing & Serv	Cole Criss-Cross Directory
2001	Grove Street Towing & Tire	Cole Criss-Cross Directory
	Weedys Inc	Cole Criss-Cross Directory
2004	Grove Street Towing & Tire	Cole Criss-Cross Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Franklin, MA 02038

Year	Uses	Source
1986	*Grove St*	Cole Criss-Cross Directory
	Address not listed in research source (5)	Cole Criss-Cross Directory
	Address not listed in research source (9)	Cole Criss-Cross Directory
	Cornell Concepts (14)	Cole Criss-Cross Directory
	Address not listed in research source (20)	Cole Criss-Cross Directory
	Address not listed in research source (21)	Cole Criss-Cross Directory
	Address not listed in research source (22)	Cole Criss-Cross Directory
	Residence (24)	Cole Criss-Cross Directory
	Address not listed in research source (50)	Cole Criss-Cross Directory
	Address not listed in research source (58)	Cole Criss-Cross Directory
1991	*Grove St*	Cole Criss-Cross Directory
	Address not listed in research source (5)	Cole Criss-Cross Directory

Year	Uses	Source
1991	Address not listed in research source (9)	Cole Criss-Cross Directory
	Storeco (14)	Cole Criss-Cross Directory
	Derrys Hrdwd Flr (20)	Cole Criss-Cross Directory
	Residence (21)	Cole Criss-Cross Directory
	Residence (22)	Cole Criss-Cross Directory
	Residence (24)	Cole Criss-Cross Directory
	Address not listed in research source (50)	Cole Criss-Cross Directory
	Address not listed in research source (58)	Cole Criss-Cross Directory
1996	*Grove St*	Cole Criss-Cross Directory
	Address not listed in research source (5)	Cole Criss-Cross Directory
	Address not listed in research source (9)	Cole Criss-Cross Directory
	Storeco (14)	Cole Criss-Cross Directory
	Franklin Power Equipment (20)	Cole Criss-Cross Directory
	Address not listed in research source (50)	Cole Criss-Cross Directory
	Address not listed in research source (58)	Cole Criss-Cross Directory
2001	*Grove St*	Cole Criss-Cross Directory
	Address not listed in research source (5)	Cole Criss-Cross Directory
	Address not listed in research source (9)	Cole Criss-Cross Directory
	Residence (14)	Cole Criss-Cross Directory
	Franklin Power Equipment (20)	Cole Criss-Cross Directory
	Address not listed in research source (50)	Cole Criss-Cross Directory
	Address not listed in research source (58)	Cole Criss-Cross Directory
2004	*Grove St*	Cole Criss-Cross Directory
	Residence (5)	Cole Criss-Cross Directory

Year	Uses	Source
2004	No Return (9)	Cole Criss-Cross Directory
	Doorstep Storge (14)	Cole Criss-Cross Directory
	Franklin Power Equipment (20)	Cole Criss-Cross Directory
	Residence (50)	Cole Criss-Cross Directory
	Residence (58)	Cole Criss-Cross Directory

APPENDIX E

FRANKLIN TOWN FILE INFORMATION

276	022	000	000	1 of 1	INDUSTRIAL	TOTAL ASSESSED: 260,400
MAP	LOT	SUBLOT	CONDO	CARD		!3794!

FRANKLIN

Patriot Properties Inc.

PROPERTY LOCATION

No	Alt No	Direction/Street/City
87		GROVE ST, FRANKLIN

OWNERSHIP

Owner 1:	FRANKLIN TOWN OF
Owner 2:	
Owner 3:	
Street 1:	355 EAST CENTRAL ST
Street 2:	
Twn/City:	FRANKLIN
St/Prov:	MA Cntry Own Occ:
Postal:	02038 Type:

PREVIOUS OWNER

Owner 1:	ARMSTRONG - RICHARD F
Owner 2:	ARMSTRONG - CAROL I
Street 1:	157 MENDON ST
Twn/City:	BELLINGHAM
St/Prov:	MA Cntry
Postal:	02019

NARRATIVE DESCRIPTION

This Parcel contains .228 ACRES of land mainly classified as MUNICIPAL with a(n) INDUSTRIAL Building Built about 1945, Having Primarily CLAPBOARD Exterior and ASPHALT SHGL Roof Cover, with 1 Units, 0 Baths, 2 HalfBaths, 0 3/4 Baths, 0 Rooms, and 0 Bdrms.

OTHER ASSESSMENTS

Code	Descrip/No	Amount	Com. Int

PROPERTY FACTORS

Item	Code	Descip	%	Item	Code	Descrip
Z				U	C	ALL UTILITY
o				t		
n				i		
Census:				Exmpt		
Flood Haz:						
D				Topo	1	LEVEL
s				Street	1	PAVED
t				Traffic		

IN PROCESS APPRAISAL SUMMARY

Use Code	Building Value	Yard Items	Land Size	Land Value	Total Value	Legal Description
903	60,800		0.228	199,600	260,400	DEV-BLDR LOT PLAN
Total Card	60,800		0.228	199,600	260,400	
Total Parcel	60,800		0.228	199,600	260,400	

Source: Market Adj Cost | Total Value per SQ unit /Card: 59.33 | /Parcel: 59.33

Entered Lot Size	
Total Land:	9929
Land Unit Type:	SF

User Acct	072-005
GIS Ref	
GIS Ref	
Insp Date	

PREVIOUS ASSESSMENT

Parcel ID 276-022-000-000

Tax Yr	Use	Cat	Bldg Value	Yrd Items	Land Size	Land Value	Total Value	Asses'd Value	Notes	Date
2007	903	FV	60,800	0	.228	199,600	260,400	260,400		12/1/2006
2005	400	FV	25,600	0	.228	179,600	205,200	205,200	YEAR END ROLL	3/31/2005
2004	400	FV	52,400	0	.147	86,400	138,800	138,800	YEAR END ROLL	11/26/2003
2003	400	FV	51,500	0	.147	86,400	137,900	137,900	Year End Roll	12/4/2002
2002	400	FV		79000	.15	79,000	158,000			7/2/2002

PRINT

Date	Time
12/29/06	11:00:52

LAST REV

Date	Time
05/27/06	16:07:24

kevin

3794

USER DEFINED

Prior Id # 1:	
Prior Id # 2:	072-005
Prior Id # 3:	
Prior Id # 1:	
Prior Id # 2:	
Prior Id # 3:	
Prior Id # 1:	
Prior Id # 2:	
Prior Id # 3:	
ASR Map:	
Fact Dist:	
Reval Dist:	
Year:	
LandReason:	
BldReason:	

SALES INFORMATION

TAX DISTRICT

PAT ACCT.

Grantor	Legal Ref	Type	Date	Sale Code	Sale Price	V	Tst	Verif	Assoc PCL Value	Notes
ARMSTRONG,RICHA	16839-477		7/9/2002	INVOLVED GOV	1	No	No			
ARMSTRONG,RICHA	6322-245		1/23/1990	PTL INTEREST	6295	No	No			
	4593-189		5/22/1969			No	No			

BUILDING PERMITS

Date	Number	Descrip	Amount	C/O	Last Visit	Fed Code	F. Descrip	Comment

ACTIVITY INFORMATION

Date	Result	By	Name
8/28/2004	FIELD REVIEW	TJM	TJM ASSOC
5/4/2004	FIELD REVIEW	DCM	D C MARTIN
3/15/2004	UNOCCUPIED	303	PETER MOONEY
5/21/2003	MEASURED EXT	303	PETER MOONEY
12/5/2001	ACONE CONVER		

Sign: VERIFICATION OF VISIT NOT DATA __/__/__

LAND SECTION (First 7 lines only)

Use Code	Description	LUC Fact	No of Units	Depth / PriceUnits	Unit Type	Land Type	LT Factor	Base Value	Unit Price	Adj	Neigh	Neigh Influ	Neigh Mod	Infl 1	%	Infl 2	%	Infl 3	%	Appraised Value	Alt Class	%	Spec Land	J Code	Fact	Use Value	Notes
903	MUNICIPAL		9929		SQUARE FESITE			195,000	0.23	2.016	26	1.00								199,604						199,600	

Total AC/HA: 0.227938 | Total SF/SM: 9929.00 | Parcel LUC: 903 MUNICIPAL | Prime NB Desc 26 | Total: 199,604 | Spl Credit | Total: 199,600

EXTERIOR INFORMATION

Type:	34 [illegible]STRIAL
Sty Ht:	1 - 1
(Liv) Units:	1 Total: 1
Foundation:	3 - STONE/BRICK
Frame:	1 - WOOD
Prime Wall:	2 - CLAPBOARD
Sec Wall:	%
Roof Struct:	1 - GABLE
Roof Cover:	1 - ASPHALT SHGL
Color:	WHITE
View / Desir:	

BATH FEATURES

Full Bath:		Rating:	
A Bath:		Rating:	
3/4 Bath:		Rating:	
A 3QBth:		Rating:	
1/2 Bath:	2	Rating:	AVERAGE
A HBth:		Rating:	
OthrFix:		Rating:	

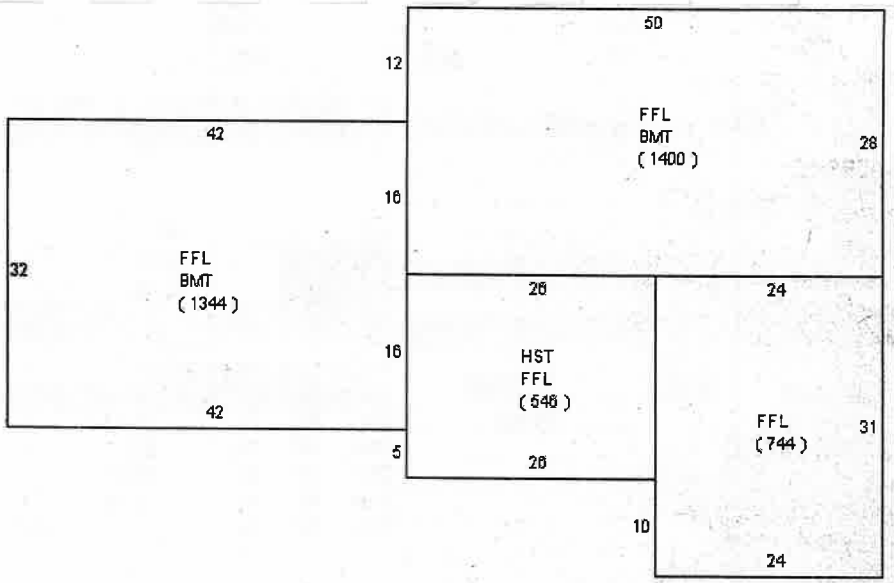
OTHER FEATURES

Kits:		Rating:	
A Kits:		Rating:	
Frpl:		Rating:	
WSFlue:		Rating:	

COMMENTS

[[illegible]CTION[illegible] 92], C[illegible]BMT CONSIDERED; BLDG VACANT/BOARDED UP, VP COND; EST BATHS & HEAT.

SKETCH



GENERAL INFORMATION

Grade:	D- - POOR		
Year Blt:	1945	Eff Yr Blt:	
Alt LUC:		Alt %:	
Jurisdict:		Fact:	
Const Mod:			
Lump Sum Adj:			

CONDO INFORMATION

Location:	
Unit #:	
Floor:	
% Own:	
Name:	

RESIDENTIAL GRID

1st Res Grid	Desc:									# Units	
Level	FY	LR	DR	D	K	FR	RR	BR	FB	HB	L	O
Other												
Upper												
Lvl 2												
Lvl 1												
Lower												
Totals	RMs:		BRs:			Baths:				HB	2	

INTERIOR INFORMATION

Avg Ht/FL:	STD
Prim Int Wal	5 - MINIMUM
Sec Int Wall:	%
Partition:	T - TYPICAL
Prim Floors:	12 - CONCRETE
Sec Floors:	%
Bsmnt Flr:	12 - CONCRETE
Bsmnt Gar:	
Electric:	3 - 100 AMP
Insulation:	2 - AS BUILT
Int vs Ext:	S
Heat Fuel:	1 - OIL
Heat Type:	1 - FORCED H/A
# Heat Sys:	1
% Heated:	100 % AC:
Solar HW:	NO Central Vac: NO
% Com Wal	% Sprinkled

DEPRECIATION

Phys Cond:	DL - Delapitated	80 %
Functional:		%
Economic:		%
Special:		%
Override:		%
Total:		80 %

REMODELING

Exterior:	
Interior:	
Additions:	
Kitchen:	
Baths:	
Plumbing:	
Electric:	
Heating:	
General:	

RES BREAKDOWN

No Unit	RMS	BRS	FL
Totals			

CALC SUMMARY

Basic $ / SQ:	75.00
Size Adj.:	1.14177
Const Adj.:	0.88424
Adj $ / SQ:	75.720
Grade Factor:	0.80
Other Features:	6000
Neighborhood Inf:	1
LUC Factor:	1.00
Adj Total:	303906
Depreciation:	243125
Depreciated Total:	60781

COMPARABLE SALES

Rate	Parcel ID	Typ	Date	Sale Price
60.4	286-087-000-000		2/18/2005	350,000
60.4	286-087-000-000		10/20/2004	350,000
54.7	248-076-000-000		6/30/2005	615,000
50.1	319-014-000-000		8/19/2004	7,500,000

WtAv$/SQ:	AvRate: 56.40	Ind.Val	-211100

Juris. Factor:		Val/Su Fin:	13.85
Special Features:	0	Val/Su Net:	8.52
Final Total:	60800	Val/Su SzAd	13.85

SUB AREA

Code	Description	Area - SQ	Rate - AV	Undepr Value
FFL	1ST FLOOR	4,034	75.720	305,455
BMT	BASEMENT	2,744	15.140	41,555
HST	HALF STORY	355	75.720	26,873
Net Sketched Area:		7,133	Total:	373,883
Size Ad	4388.9	Gross Area	7324	FinArea 4389

SUB AREA DETAIL

Sub Area	% Usbl	Descrip	% Type	Qu	# Ten

SPEC FEATURES/YARD ITEMS

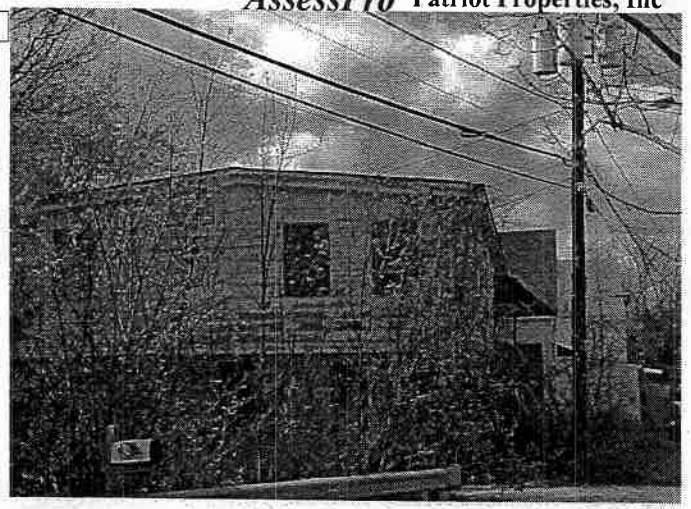
Code	Description	A	Y/S	Qty	Size/Dim	Qual	Con	Year	Unit Price	D/S	Dep	LUC	Fact	NB Fa	Appr Value	JCod	JFact	Juris. Value

More: N	Total Yard Items:	Total Special Featues:		Total:

PARCEL ID 276-022-000-000

IMAGE

AssessPro Patriot Properties, Inc



276	027	000	000	1 of 1	INDUSTRIAL	TOTAL ASSESSED: **226,900**
MAP	LOT	SUBLOT	CONDO	CARD		!3795!

FRANKLIN

PROPERTY LOCATION

No	Alt No	Direction/Street/City
		GROVE ST, FRANKLIN

OWNERSHIP

Owner 1:	FRANKLIN TOWN OF
Owner 2:	
Owner 3:	
Street 1:	355 EAST CENTRAL ST
Street 2:	
Twn/City:	FRANKLIN
St/Prov:	MA Cntry Own Occ:
Postal:	02038 Type:

PREVIOUS OWNER

Owner 1:	ARMSTRONG - RICHARD F
Owner 2:	ARMSTRONG - CAROL I
Street 1:	157 MENDON ST
Twn/City:	BELLINGHAM
St/Prov:	MA Cntry
Postal:	02019

NARRATIVE DESCRIPTION

This Parcel contains .972 ACRES of land mainly classified as MUNICIPAL with a(n) INDUSTRIAL Building Built about 1900, Having Primarily ALUMINUM Exterior and TAR & GRAVEL Roof Cover, with 1 Units, 0 Baths, 4 HalfBaths, 0 3/4 Baths, 0 Rooms, and 0 Bdrms.

OTHER ASSESSMENTS

Code	Descrip/No	Amount	Com. Int

PROPERTY FACTORS

Item	Code	Descip	%	Item	Code	Descrip
Z				U	C	ALL UTILITY
o				t		
n				i		
Census:				Exmpt		
Flood Haz:						
D				Topo	1	LEVEL
s				Street	1	PAVED
t				Traffic		

IN PROCESS APPRAISAL SUMMARY

Use Code	Building Value	Yard Items	Land Size	Land Value	Total Value
903	32,300		0.972	194,600	226,900
Total Card	32,300		0.972	194,600	226,900
Total Parcel	32,300		0.972	194,600	226,900

Source: Market Adj Cost | Total Value per SQ unit /Card: 10.70 | /Parcel: 10.70

Legal Description: DEV-BLDR LOT PLAN

Entered Lot Size — Total Land: 42359 — Land Unit Type: SF

User Acct	GIS Ref	GIS Ref	Insp Date
072-006			

Patriot Properties Inc.

PREVIOUS ASSESSMENT

Parcel ID 276-027-000-000

Tax Yr	Use	Cat	Bldg Value	Yrd Items	Land Size	Land Value	Total Value	Asses'd Value	Notes	Date
2007	903	FV	32,300	0	.972	194,600	226,900	226,900		12/1/2006
2006	400	FV	32,300	0	.972	194,600	226,900	226,900		12/7/2005
2005	400	FV	400,100	0	.684	182,800	582,900	582,900	YEAR END ROLL	3/31/2005
2004	400	FV	133,600	0	1.25	178,500	312,100	312,100	YEAR END ROLL	11/26/2003
2003	400	FV	105,200	20000	1.25	178,500	303,700	303,700	Year End Roll	12/4/2002
2002	400	FV		89000	1.25	148,800	237,800			7/2/2002

PRINT

Date	Time
12/29/06	11:01:39

LAST REV

Date	Time
02/24/06	10:59:43
kevin	
3795	

USER DEFINED

Prior Id # 1:	
Prior Id # 2:	072-006
Prior Id # 3:	
Prior Id # 1:	
Prior Id # 2:	
Prior Id # 3:	
Prior Id # 1:	
Prior Id # 2:	
Prior Id # 3:	
ASR Map:	
Fact Dist:	
Reval Dist:	
Year:	
LandReason:	
BldReason:	

SALES INFORMATION

TAX DISTRICT

PAT ACCT.

Grantor	Legal Ref	Type	Date	Sale Code	Sale Price	V	Tst	Verif	Assoc PCL Value	Notes
ARMSTRONG,RICHA	23024-577		10/20/2005	INVOLVED GOV	1	No	No			
ARMSTRONG RICHA	8545-244		1/23/1990			No	No			
	4499-664		3/22/1968			No	No			

BUILDING PERMITS

Date	Number	Descrip	Amount	C/O	Last Visit	Fed Code	F. Descrip	Comment

ACTIVITY INFORMATION

Date	Result	By	Name
8/28/2004	FIELD REVIEW	TJM	TJM ASSOC
5/4/2004	FIELD REVIEW	DCM	D C MARTIN
3/15/2004	UNOCCUPIED	303	PETER MOONEY
6/17/2003	UNOCCUPIED	303	PETER MOONEY
5/21/2003	MEASURED EXT	303	PETER MOONEY
8/14/2001	ACONE CONVER		

Sign: VERIFICATION OF VISIT NOT DATA ___/___/___

LAND SECTION (First 7 lines only)

Use Code	Description	LUC Fact	No of Units	Depth / PriceUnits	Unit Type	Land Type	LT Factor	Base Value	Unit Price	Adj	Neigh	Neigh Influ	Neigh Mod	Infl 1	%	Infl 2	%	Infl 3	%	Appraised Value	Alt Class	%	Spec Land	J Code	Fact	Use Value	Notes
903	MUNICIPAL		42359		SQUARE FESITE			195,000	0.23	-0.043	26	1.00		WET	-5					194,584						194,600	

Total AC/HA: 0.972429 | Total SF/SM: 42359.00 | Parcel LUC: 903 MUNICIPAL | Prime NB Desc 26 | Total: 194,584 | Spl Credit | Total: 194,600

EXTERIOR INFORMATION

Type:	34 STRIAI		
Sty Ht:	2 - 2		
(Liv) Units:	1	Total:	1
Foundation:	1 - CONCRETE		
Frame:	1 - WOOD		
Prime Wall:	3 - ALUMINUM		
Sec Wall:	21 - CON/CN BL	25	%
Roof Struct:	1 - GABLE		
Roof Cover:	4 - TAR & GRAVEL		
Color:	WHITE		
View / Desir:			

BATH FEATURES

1	h	g:	
A Bath:		Rating:	
3/4 Bath:		Rating:	
A 3QBth		Rating:	
1/2 Bath:	4	Rating:	POOR
A HBth:		Rating:	
OthrFix:		Rating:	

OTHER FEATURES

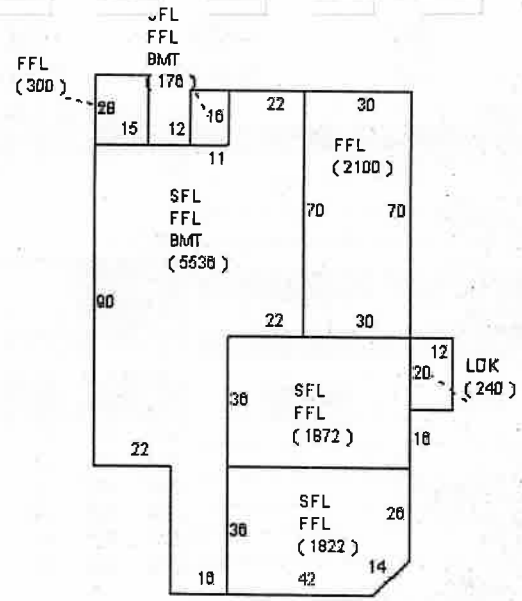
Kits:		Rating:	
A Kits:		Rating:	
Frpl:		Rating:	
WSFlue:		Rating:	

COMMENTS

RTION 92] , I /PG23

05/11/89 , CAP-BSMT CONSIDERED; LOOKS ABANDONED; 70X30 FFL LARGELY COLLAPSED, VERY POOR COND; EST BATHS, HEAT.

SKETCH



GENERAL INFORMATION

Grade:	D- - POOR		
Year Blt:	1900	Eff Yr Blt:	
Alt LUC:		Alt %:	
Jurisdict:		Fact:	
Const Mod:			
Lump Sum Adj:			

CONDO INFORMATION

Location:	
Unit #:	
Floor:	
% Own:	
Name:	

RESIDENTIAL GRID

1st Res Grid	Desc:									# Units	
Level	FY	LR	DR	D	K	FR	RR	BR	FB	HB	L	O
Other												
Upper												
Lvl 2												
Lvl 1												
Lower												
Totals	RMs:		BRs:			Baths:				HB	4	

REMODELING

Exterior:	
Interior:	
Additions:	
Kitchen:	
Baths:	
Plumbing:	
Electric:	
Heating:	
General:	

RES BREAKDOWN

No Unit	RMS	BRS	FL
Totals			

INTERIOR INFORMATION

Avg Ht/FL:	STD		
Prim Int Wal	5 - MINIMUM		
Sec Int Wall:			%
Partition:	T - TYPICAL		
Prim Floors:	12 - CONCRETE		
Sec Floors:	3 - HARDWOO	50	%
Bsmnt Flr:	12 - CONCRETE		
Bsmnt Gar:			
Electric:	2 - 200 AMP		
Insulation:	2 - AS BUILT		
Int vs Ext:	S		
Heat Fuel:	1 - OIL		
Heat Type:	5 - STEAM		
# Heat Sys:	1		
% Heated:	100	% AC:	
Solar HW:	NO	Central Vac:	NO
% Com Wal		% Sprinkled	100

DEPRECIATION

Phys Cond:	DL - Delapitated	80	%
Functional:			%
Economic:			%
Special:	OB - OBSERVE	85	%
Override:			%
Total:		97	%

CALC SUMMARY

Basic $ / SQ:	75.00
Size Adj.:	0.870715
Const Adj.:	0.899952
Adj $ / SQ:	58.770
Grade Factor:	0.80
Other Features:	27170
Neighborhood Inf:	1
LUC Factor:	1.00
Adj Total:	1075680
Depreciation:	1043409
Depreciated Total:	32270

COMPARABLE SALES

Rate	Parcel ID	Typ	Date	Sale Price
55.4	286-087-000-000		2/18/2005	350,000
55.4	286-087-000-000		10/20/2004	350,000

WtAv$/SQ:		AvRate:	55.40	Ind.Val	221400

Juris. Factor:		Val/Su Fin:	1.52
Special Features:	0	Val/Su Net:	1.19
Final Total:	32300	Val/Su SzAd	1.52

SUB AREA

Code	Description	Area - SQ	Rate - AV	Undepr Value
FFL	1ST FLOOR	11,806	58.770	693,840
SFL	2ND FLOOR	9,406	58.770	552,791
BMT	BASEMENT	5,712	11.750	67,139
LDK	LOADING DOCK	240	15.250	3,660

Net Sketched Area:			27,164	Total:	1,317,430
Size Ad	21212	Gross Area	27164	FinArea	21212

SUB AREA DETAIL

Sub Area	% Usbl	Descrip	% Type	Qu	# Ten

SPEC FEATURES/YARD ITEMS

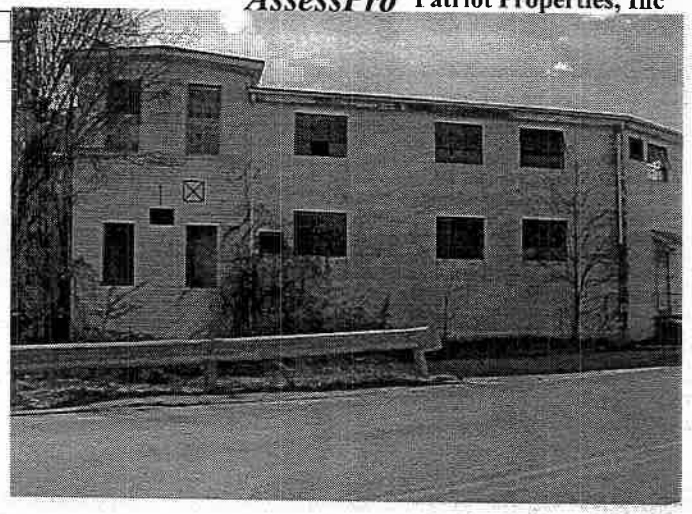
Code	Description	A	Y/S	Qty	Size/Dim	Qual	Con	Year	Unit Price	D/S	Dep	LUC	Fact	NB Fa	Appr Value	JCod	JFact	Juris. Value

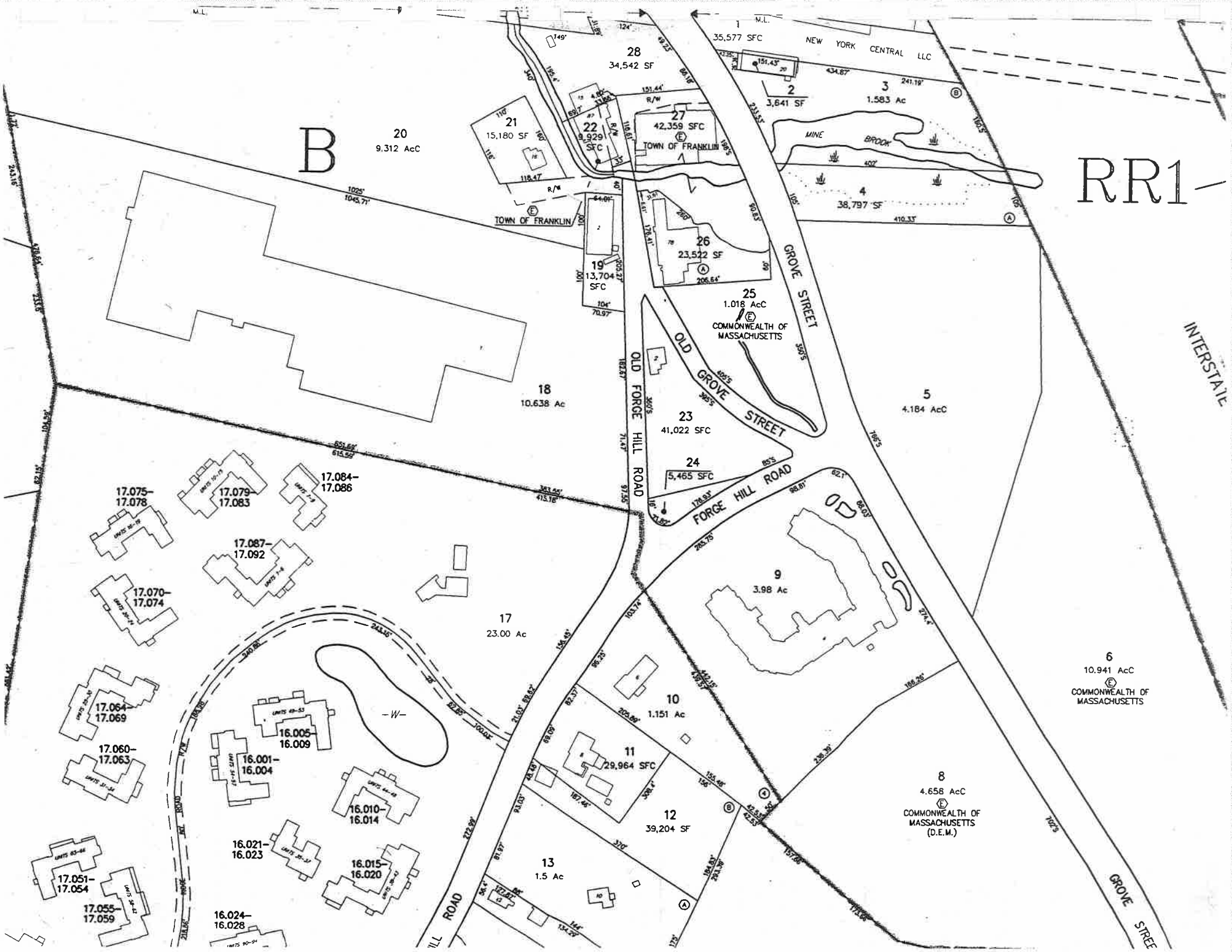
More:	N	Total Yard Items:		Total Special Featues:	

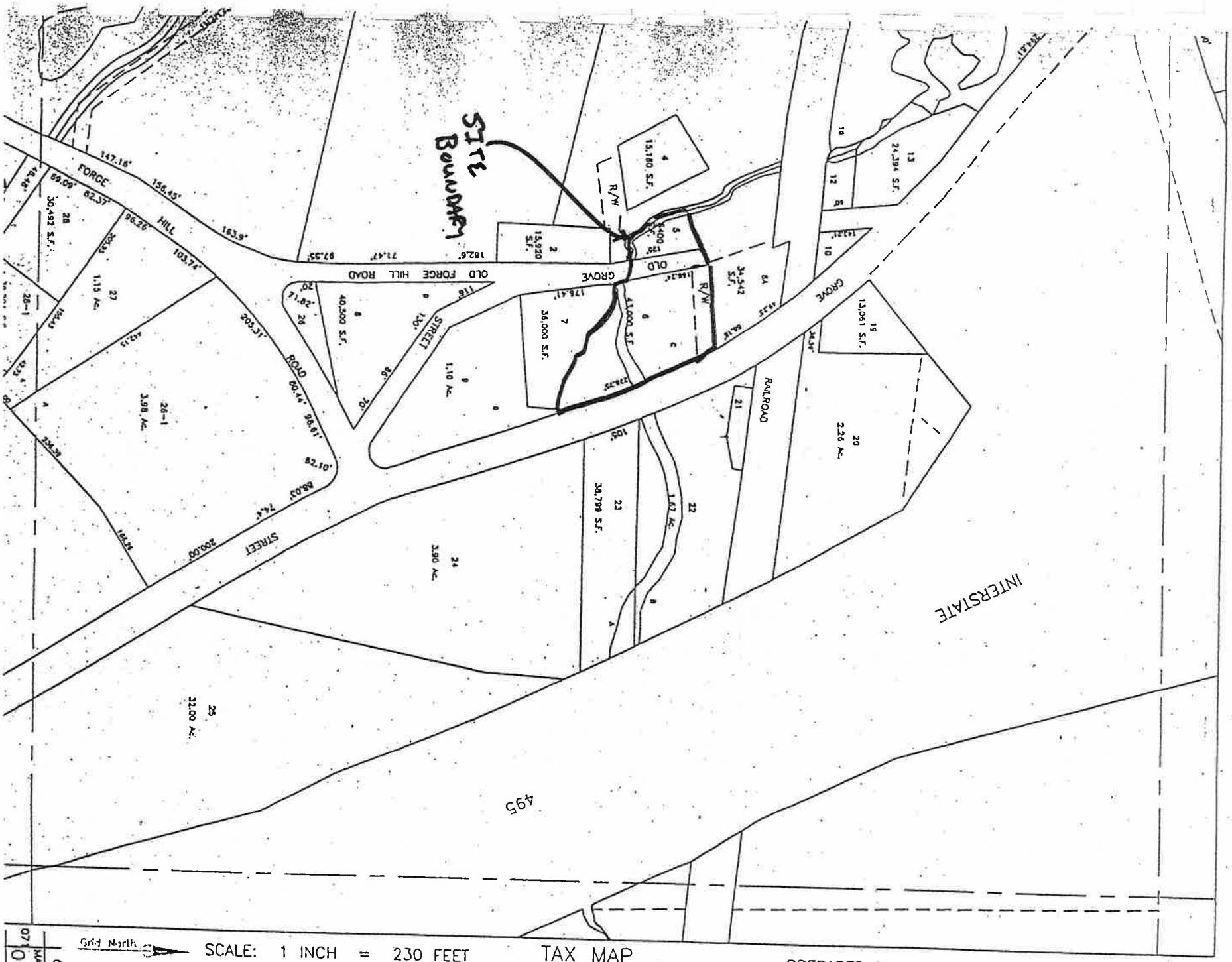
PARCEL ID 276-027-000-000

IMAGE

AssessPro Patriot Properties, Inc




B
RR1
20
9.312 AcC
21
15.180 SF
22
9,929 SFC
28
34,542 SF
27
42,359 SFC
TOWN OF FRANKLIN
TOWN OF FRANKLIN
19
13,704 SFC
26
23,522 SF
25
1.018 AcC
COMMONWEALTH OF MASSACHUSETTS
18
10.638 Ac
23
41,022 SFC
24
5,465 SFC
1
35,577 SFC
NEW YORK CENTRAL LLC
2
3,641 SF
3
1.583 Ac
MINE BROOK
4
38,797 SF
5
4.184 AcC
6
10.941 AcC
COMMONWEALTH OF MASSACHUSETTS
8
4.658 AcC
COMMONWEALTH OF MASSACHUSETTS (D.E.M.)
9
3.98 Ac
10
1.151 Ac
11
29,964 SFC
12
39,204 SF
13
1.5 Ac
17
23.00 Ac
OLD GROVE STREET
GROVE STREET
OLD FORGE HILL ROAD
FORGE HILL ROAD
INTERSTATE
17.075–17.078
17.079–17.083
17.084–17.086
17.087–17.092
17.070–17.074
17.064–17.069
17.060–17.063
16.005–16.009
16.001–16.004
16.010–16.014
16.021–16.023
16.015–16.020
17.051–17.054
17.055–17.059
16.024–16.028



Grid North

SCALE: 1 INCH = 230 FEET

FOR ASSESSMENT PURPOSES ONLY
NOT TO BE USED FOR CONVEYANCES

TAX MAP
TOWN OF FRANKLIN
NORFOLK COUNTY,
MASSACHUSETTS

PREPARED BY:
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION AND
TOWN OF FRANKLIN GIS

FY2004

MAP # 071 072 073 081

NU-STYLE COMPANY SITE
(Identification Code - M4)

REMOVAL ACTION
ADMINISTRATIVE RECORD FILE

INDEX

COMPILED: MARCH 26, 1992

Prepared For:

U.S. Environmental Protection Agency
Region I
60 Westview Street
Lexington, MA 02173

CONTRACT NO. 68-W0-0036

TAT-01-N-01022

TDD NO. 01-9201-19

Prepared By:

ROY F. WESTON, INC.
Technical Assistance Team
Region I

March 1992

INTRODUCTION

This document is the Index to the Administrative Record file for the Nu-Style Company Removal Action. The Index cites site-specific documents and guidance documents used by EPA staff in selecting a removal action at the site. The action will include staging, overpacking as necessary, sampling and inventorying all drums and other waste containers. These containers will then be transported to off-site disposal facilities which are in compliance with the CERCLA Off-Site Policy. In addition, soil samples will be collected to determine surface and subsurface contamination. Based on the sampling results, soil excavation may be necessary.

The Administrative Record file is available for public review at the EPA Environmental Services Division's office at 60 Westview Street, Lexington, Massachusetts 02173 and at the Franklin Public Library, corner of Main Street & School Street, Franklin, Massachusetts 02038. Questions concerning the Administrative Record should be addressed to the EPA Region I Administrative Record Coordinator.

The Administrative Record is required by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA).

SITE-SPECIFIC DOCUMENTS

ADMINISTRATIVE RECORD FILE INDEX
for the
Nu-Style Company Site

2.0 REMOVAL

2.2 Removal Reports

1. "Removal Program Preliminary Assessment Nu-Style Company Site, Franklin, Massachusetts", Roy F. Weston, Inc. for EPA Region I (January 1992).

2. "Removal Program Site Investigation for NU-Style Company Site, Franklin, Massachusetts", Roy F. Weston, Inc. for EPA Region I (January 1992).

3. Site Location Map

4. Site Diagrams

5. Photography Log Sheets

2.9 Action Memorandum

1. Memorandum from Gary Lipson, EPA Region I to Julie Belaga, EPA Region I (January 21, 1992). Concerning request for a removal action at the Nu-Style Company site in Franklin, Massachusetts. (The Enforcement Section of the Memorandum is withheld as being CONFIDENTIAL).

11.0 POTENTIALLY RESPONSIBLE PARTY (PRP)

11.9 PRP-Specific Correspondence

1. Letter from Edward J. Conley, EPA Region I to Nu-Style Company Inc., c/o Carol I. Armstrong and Richard F. Armstrong, President, 157 Mendon Street, Bellingham, Massachusetts (February 7, 1992). Concerning notice of potential liability.

2. Letter from Edward J. Conley, EPA Region I to Carol I. Armstrong and Richard F. Armstrong, 157 Mendon Street, Bellingham, Massachusetts (February 7, 1992). Concerning notice of potential liability.

13.0 COMMUNITY RELATIONS

13.3 News Clippings/Press Releases

1. "Administrative Record File Available for the Nu-Style Company Removal Action", text of the announcement as it was requested to appear in *The Country Gazette, Franklin, Massachusetts, 02038.*

SELECTED KEY GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Superfund records room, Canal Street, Boston, Massachusetts.

1. Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. § 9601 et seq.

2. "National Oil and Hazardous Substances Pollution Contingency Plan," Code of Federal Regulations (Title 40, Part 300) 1990.

NU-STYLE COMPANY SITE
(Identification Code - M4)

REMOVAL ACTION
ADMINISTRATIVE RECORD FILE

COMPILED: MARCH 26, 1992

Prepared For:

U.S. Environmental Protection Agency
Region I
60 Westview Street
Lexington, MA 02173

CONTRACT NO. 68-W0-0036

TAT-01-N-01022

TDD NO. 01-9201-19

Prepared By:

ROY F. WESTON, INC.
Technical Assistance Team
Region I

March 1992

Nu-Style Company Removal Action

ADMINISTRATIVE RECORD SIGN-IN SHEET

This sign-in sheet is used for Administrative Record purposes only

DATE	*NAME (optional)*	*REPRESENTING (public, media, industry)*	*COPIES MADE?*	*COMMENTS*
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				

Please mail any comments that you wish to be added to the record to EPA Administrative Record Coordinator, 60 Westview St. Lexington, MA 02173

Thank You!

EPA REGION I
REMOVAL PRELIMINARY ASSESSMENT

SITE NAME AND LOCATION

SITE NAME: Nu-Style Company.

STREET, ROUTE NO. OR LOCATION IDENTIFIER: 87 Grove Street | TOWN: Franklin

COUNTY: Norfolk | STATE: Massachusetts

☒ ATTACHED USGS MAP OF LOCATION

SITE STATUS: ☐ NPL ☐ NON-NPL ☐ RCRA ☐ TSCA ☐ ACTIVE ☒ ABANDON
☐ OTHER

SITE ID #: ~~NA~~ TS M4

REFERRAL

☐ CITIZEN ☒ CITY/TOWN ☐ STATE ☐ PREREMEDIAL ☐ RCRA
☐ OTHER

NAME OF REFERRING PARTY: Wolfgang Bauer - Town Administrator, Franklin, MA

ADDRESS: | PHONE #: (508) 520-4949

CONTACTS IDENTIFIED:

A. Michael Moran - MA DEP Emergency Response Section PHONE #: (508) 946-2700

B. Francis Malloy - Franklin Fire Chief PHONE #: (508) 528-2323

C. Bill Cummings - Health Agent - Franklin Board of Health PHONE #: (508) 528-4905

D. PHONE #: ( )

SOURCE OF INFORMATION

☒ VERBAL Meeting held January 13, 1992 with Wolfgang Bauer, Michael Moran, Francis Malloy, Bill Cummings, Margret Shaw, Thomas Saccoccio and Gary Lipson.

☐ REPORT

☒ OTHER Pictures and inventory of the Nu-style building, supplied by a citizen of Franklin, MA.

POTENTIAL RESPONSIBLE PARTIES

OWNER: Richard and Carol Armstrong	ADDRESS: 157 Merdon St. Bellingham, MA 02019
PHONE #: ( ) not available	
OPERATOR: - Same -	ADDRESS:
PHONE #: ( )	
SOURCE:	

EPA REGION I
REMOVAL PRELIMINARY ASSESSMENT

SITE ACCESS

☒ OBTAINED ☒ VERBAL
☐ NOT OBTAINED ☐ WRITTEN

DATE: 1/13/92
AUTHORIZING PERSON: Francis Malloy - Franklin Fire Chief
PHONE #: (508) 528-2323

PHYSICAL SITE CHARACTERIZATION

BACKGROUND INFORMATION (INCLUDE SITE DESCRIPTION, TOPOGRAPHY, AND PRIOR USES):

The structure located at the site was used for the purpose of jewelry Production. Processes utilized at the facility included: metal plating, degreasing, casting, hot stamping, spray painting and plastic injection molding. According to Franklin Board of Health, manufacturing operations were ceased in 1989. On January 8, 1992 an inspection of the facility by MA DEP member Michael Moran, Franklin Fire Chief Francis Malloy and Town Administrator Wolfgang Bauer revealed unknown materials in vats, drums and small containers, some of which were deteriorated. On January 10, 1992, Wolfgang Bauer notified the EPA.

DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN OR ALLEGED:

Substances alleged to be present at the site are those utilized in the processes of metal plating, degreasing, casting, hot stamping, spray painting and plastic injection molding. An inventory of the facility by a citizen of Franklin noted containers labelled as: Sodium Cyanide, Chromic Acid, Potassium Cyanide, Dyetex, Perclean D (perchlorethylene), Zinc Cyanide, Nickel Sulfate, Copper Cyanide, Sodium Hydroxide, paints, dyes and various ~~tr~~ solvents.

EXISTING ANALYTICAL DATA

IDENTIFY SOURCE, DATE AND METHODOLOGY.

☐ REAL-TIME MONITORING DATA

NA

☐ SAMPLING DATA

NA

POTENTIAL THREAT

DESCRIPTION OF POTENTIAL HAZARDS TO ENVIRONMENT AND/OR POPULATION – IDENTIFY ANY OF THE CRITERIA FOR A REMOVAL ACTION (FROM NCP) THAT MAY BE MET BY THE SITE:

Qualifications for a removal action which may be met by the site according to 40 CFR 300.415 (b)(2) include: 40 CFR ~~(b)(2)~~ 300.415(b)(2) i, ii, iii, iv and vi.

EPA REGION I
REMOVAL PRELIMINARY ASSESSMENT

PRIOR RESPONSE ACTIVITIES

☐ PRP ☒ STATE ☒ FEDERAL ☒ OTHER Franklin Town Officials

BRIEF DESCRIPTION: MA DEP member Michael Moran, Franklin Town Administrator Wolfgang Bauer and Fire Chief Francis Malloy conducted an inspection of the facility and photographed drums and containers of what they believed to be hazardous substances within the building. According to Town Administrator Wolfgang Bauer a 21E Study of the property had been conducted by consultants to the F.D.I.C.

PRIORITY FOR SITE INVESTIGATION

☒ HIGH ☐ MEDIUM ☐ LOW ☐ NONE

COMMENTS: The foundation of the main building at the facility abutts the Mine Brook. Drums, potentially acids, are stored ~~on~~ outside, approximately 20 feet from the Brook. The Mine Brook runs past ~~at~~ municipal well which serves parts of Franklin. Electrical power to the building has been terminated thus no fire alarms exist. The Fire ~~sprinklers~~ sprinklers are no longer functioning at the facility and unauthorized access to the building has been noted.

REPORT GENERATION

INITIATOR OF REPORT: Thomas C. Saccoccio

DATE OF PREPARATION: 1/14/92

AFFILIATION: Roy F. Weston Technical Assistance Team | PHONE #: (617) 229-6430

EPA REGION I
REMOVAL SITE INVESTIGATION

INSPECTION INFORMATION

SITE NAME: Nu-Style Co.	ADDRESS: 87 Grove Street
COUNTY: Norfolk	TOWN: Franklin / STATE: MA
DATE OF INSPECTION: 1/13/92	TIME OF INSPECTION: 1000 hrs - 1730 hrs
WEATHER CONDITIONS: Clear - 40°F	
SITE STATUS AT TIME OF INSPECTION: ☐ ACTIVE ☒ INACTIVE	COMMENTS: According to officials from the Town of Franklin, the facility was utilized for the production of jewelry until it was abandoned in 1989.

AGENCIES PERFORMING INSPECTION:

	NAMES:	PROGRAM:
☒ EPA	Gary Lipson - OSC	U.S. EPA, Site Evaluation and Response Section
☒ EPA CONTRACTOR SUPPORT	Thomas Saccoccio Margret Shaw	FIRM: Roy F. Weston - TAT Roy F. Weston - TAT
☒ STATE	Michael Moran	PROGRAM: MA DEP Emergency Response Section
☒ OTHER	Francis J. Malloy Wolfgang Bauer	ORGANIZATION: Franklin Fire Chief Franklin Town Administrator

CURRENT OWNER BASED ON DEED STATUS: Richard and Carol Armstrong.

BOOK # 4593

PAGE # 245

VERBAL CHECK AT DESK:

CURRENT OWNER BASED ON FIELD INTERVIEW: Richard and Carol Armstrong

PHYSICAL SITE CHARACTERISTICS

PROVIDE SITE SCHEMATIC – SEE ATTACHMENT 1

	QUANTITIES/EXTENT		QUANTITIES/EXTENT
		☒ PILES	Piles of powder and sludge visible throughout building, material was not identified. Piles of domestic refuse also exist in building
☐ CYLINDERS	90 to 100 ~~90 to 100~~ NA	☐ STAINED SOIL	NA
☒ DRUMS	~~90 to 100~~ drums in building, as well as approximately 1000 small containers	☐ SHEENS	NA
☐ LAGOONS	NA	☐ STRESSED VEGETATION	NA
☒ TANKS – ☒ ABOVE	1 heating oil tank, approximately 500 gallons.	☐ LANDFILL	NA
☒ TANKS – ☒ BELOW	2 1000 gallon, 1 5000-gallon and 1 tank of unknown volume. Contained Fuel oil (#2) and Gasoline - according to Fire Dept.	☒ POPULATION WITHIN VICINITY OF SITE	two residences within 100 yards. Businesses within 50 yards. Condo complex within 500 yards
☒ ASBESTOS	One drum in basement, labelled Asbestos. Boilers and pipe wrap are possible asbestos material.	☒ WELLS	monitoring wells exist on property. Municipal wells are 2.5 and 5 miles down mine Brooks.
☒ OTHER VATS	Plating vats in building, some empty, 1 contained approximately 400 Gals	☐ OTHER	NA

EPA REGION I
REMOVAL SITE INVESTIGATION

PHYSICAL SITE OBSERVATIONS

COMMENTS: Building had no electrical power, fire alarm or sprinkler System. Materials scattered throughout the building in drums, pails, bags, vats and assorted small containers. Some drums and containers are severely deteriorated. Access to the building was gained through a basement door. Other doors and windows were sealed with boards by the Franklin Fire Department. The building appears stable.

CONTAINMENT OF MATERIALS: Materials contained in drums, vats, pails, bags and assorted small containers. Some of the metal drums and containers were severely deteriorated. Sections of the floor were covered with material from torn bags, sludge-like substances, and powder. One room contained 600-700 cans of paint, many were open.

RECEPTORS

- [x] GROUND WATER/DRINKING WATER SOURCE
  - [ ] PRIVATE
  - [x] MUNICIPAL — Franklin municipal wells exist 2.5 miles downstream of the facility. Other wells exist 5 miles downstream
- [x] UNRESTRICTED ACCESS TO SITE — Fire Department personnel stated that people have been found in building. No fences exist, doors and windows broken. Part-time security has been initiated
- [x] POPULATION IN PROXIMITY TO SITE — Two residences exist within 100 yards of facility. To buildings exist within 50 yds of facility. A condominium complex exists within 500 yards.
- [x] SENSITIVE ECOSYSTEM — Mine Brook runs along foundation of the main building.
- [ ] OTHER — NA —

FIELD SAMPLING AND ANALYSIS

		FIELD INSTRUMENTATION	ANALYTICAL PARAMETER
[ ] SOIL		NA	NA
[ ] GROUNDWATER			
[ ] SURFACE WATER			
[x] AIR SAMPLING		HNU, CGI/O_2, HCN Monitox, Radiation Meter, CN Drager Tubes	CGI - 0% LEL, O_2 - 20.8%, RAD - .03 mr/h, HNU, Drager, monitox - no readings above background
[x] STRUCTURES	[ ] TANKS	NA	NA
	[x] DRUMS	HNU, CGI/O_2, HCN Monitox, Radiation Meter, CN Drager Tubes	CGI - 0% LEL, O_2 - 20.8%, RAD - .03 mr/h, HNU, Drager, Monitox - no readings above background
	[x] VATS	HNU, CGI/O_2, HCN Monitox, Radiation Meter, CN Drager Tubes	CGI - 0% LEL, O_2 - 20.8%, RAD - .03 mr/h, HNU, Drager, Monitox - no readings above background
	[ ] LAGOONS	NA	NA
	[ ] OTHER		
[ ] SPILLAGE			
[ ] RUNOFF			
[ ] PILES			
[ ] SEDIMENTS			

EPA REGION I
REMOVAL SITE INVESTIGATION

ANALYTICAL RESULTS

SEE ATTACHED REPORT(S) Analytical reports not available at time of report generation

FIELD QUALITY CONTROL PROCEDURES

☒ SOP FOLLOWED ☐ DEVIATION FROM SOP:

COMMENTS: Samples of liquids for Cyanide, metals and Volatile organic Compound analysis were obtained using dedicated glass sample rods. Samples of solids for Cyanide analysis were obtained using dedicated plastic ~~sam~~ TB ~~scapula~~ TB scopula. Samples of liquids for pH analysis were obtained using glass sample rods. pH samples of solids were obtained with plastic scopula.

FURTHER ANALYSIS

ANALYTICAL PARAMETER	MEDIA	LABORATORY
☒ VOA	☐ AIR	☒ NERL
☐ PCB	☐ WATER	☐ CLP LAB ☐ SAS ☐ SOW
☐ PESTICIDE	☐ SOIL	☐ NON-CLP LAB
☒ METALS-Cd, Cr, Cu, Ni, Pb, Zn	☒ SOURCE	
☒ CYANIDE	☐ SEDIMENT	
☐ SEMI VOA	~~☐ Drum~~ TB	
☐ TOXICITY		
☐ DIOXIN		
☐ ASBESTOS		
☒ OTHER pH		

ADDITIONAL PROCEDURES FOR SITE DETERMINATION

☐ BIOLOGICAL EVALUATION

☐ ATSDR

SITE DETERMINATION

LIST – USE NCP CRITERIA, CLOSURE MEMO Site Data is inconclusive as to wether or not the site meets qualifications for a removal action in ~~t~~ TB 40 CFR 300.415 [b][2]. Analytical data is pending. Depending on further information, criteria that may be met by the site ~~a~~ TB include: 40 CFR 300.415 [b][2] i, ii, iii, iv & vi, TB

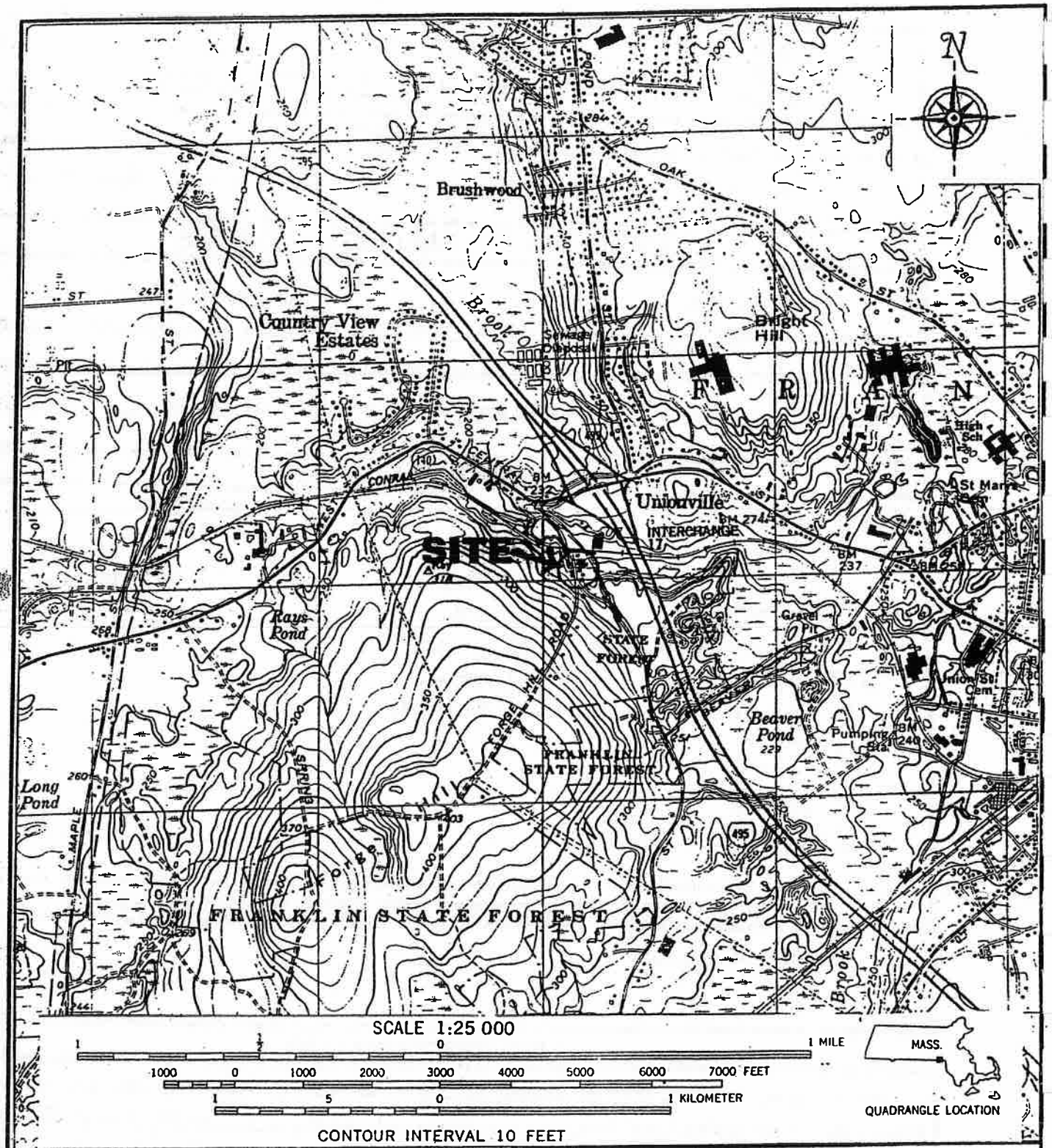


FIGURE 1
SITE LOCATION MAP
NU-STYLE COMPANY SITE
87 GROVE STREET
FRANKLIN, MASSACHUSETTS

BASE MAP IS A PORTION OF THE USGS FRANKLIN, MASS - R.I. QUADRANGLE 7.5 MINUTE SERIES, PHOTOREVISED 1979.

WESTON
REGION I TECHNICAL ASSISTANCE TEAM

DRAWN	DATE	PCS #
T.SACCOCCIO	1/92	1656
APPROVED	DATE	TDD #
	1/92	01-9201-09A

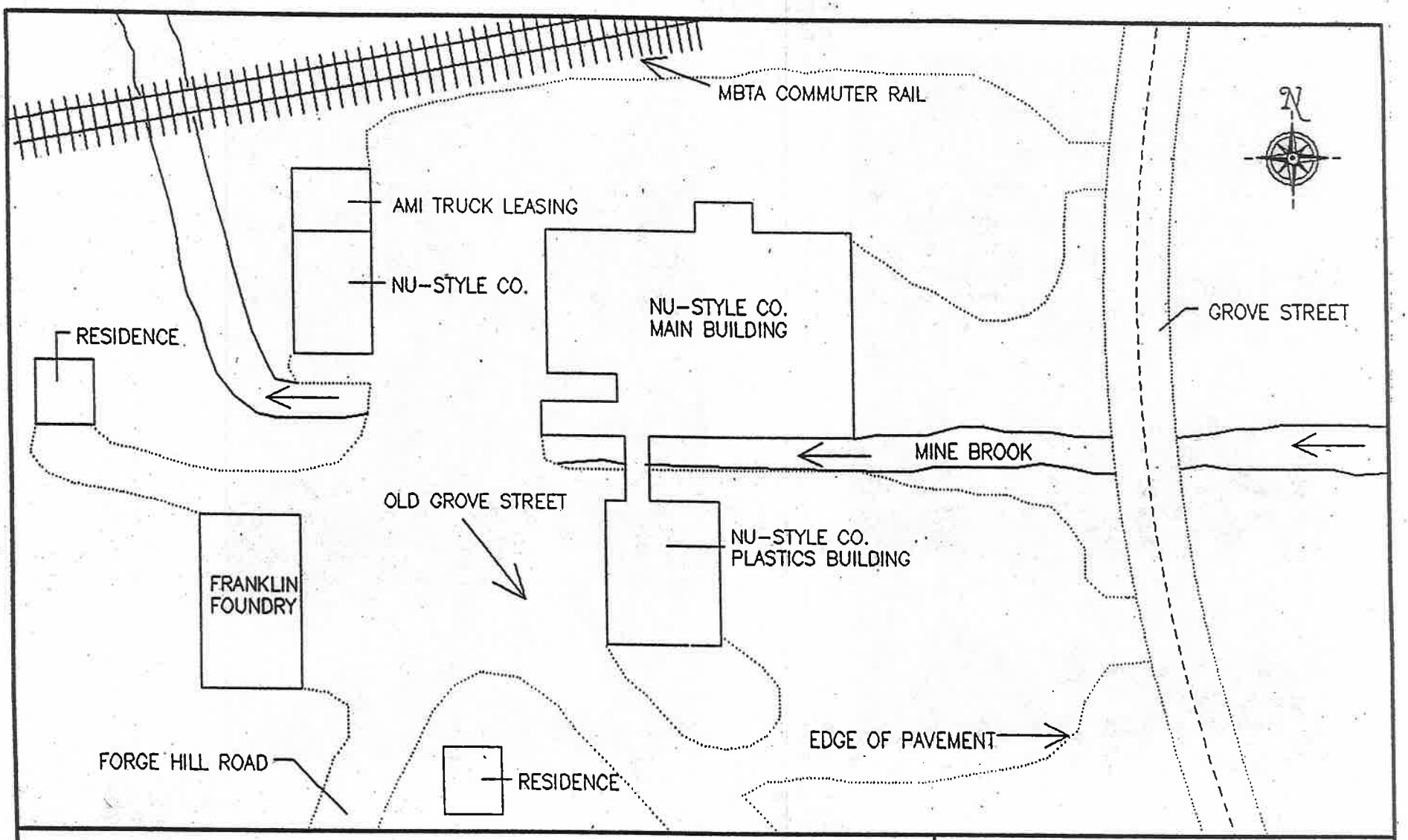


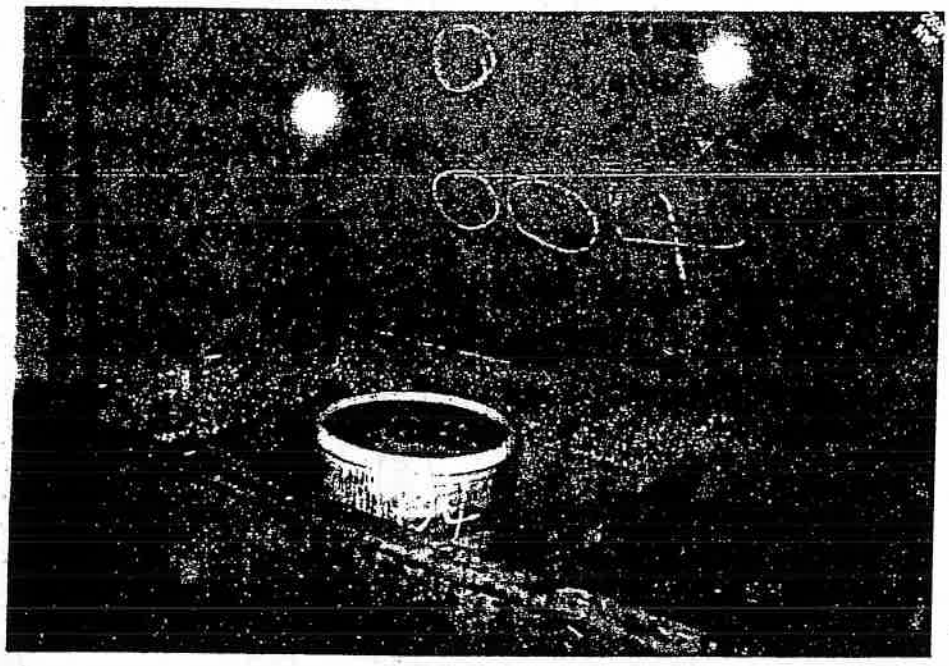
FIGURE 2
SITE DIAGRAM
NU-STYLE COMPANY SITE
87 GROVE STREET
FRANKLIN, MASSACHUSETTS

NO SCALE

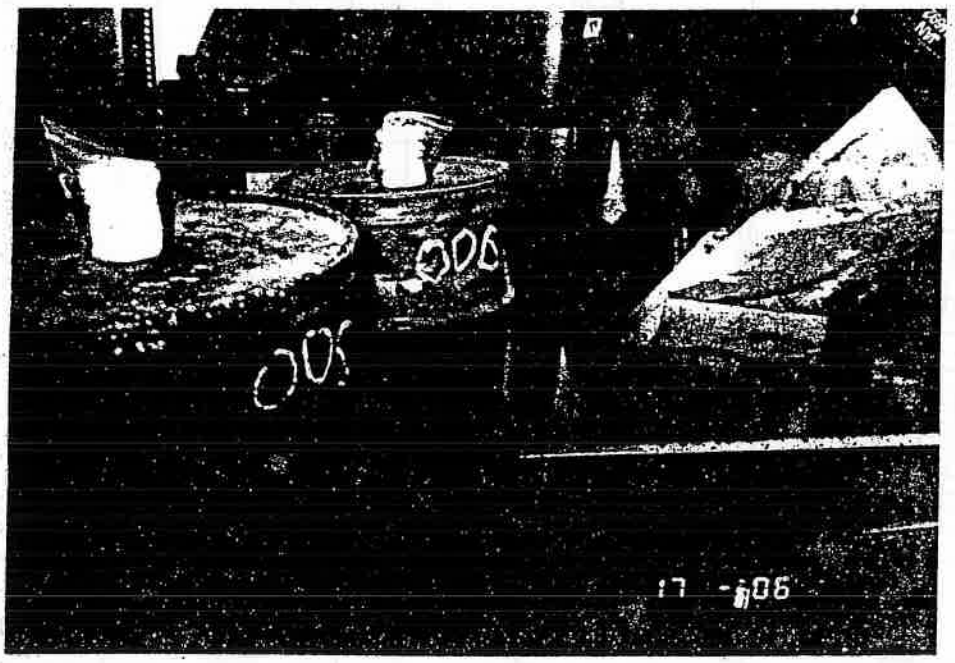
WESTON
REGION I TECHNICAL ASSISTANCE TEAM

DRAWN	DATE	PCS #
T.SACCOCCIO	1/92	1656
APPROVED	DATE	TDD #
	1/92	01-9201-09A

PHOTOGRAPHY LOG SHEET



SCENE: SAMPLE STATION 004. PAIL IN HOOD ON FIRST FLOOR-LIGHT BLUE LIQUID
SITE NAME: NU-STYLE COMPANY SITE LOCATION: FRANKLIN, MASSACHUSETTS
FRAME NUMBER: 4 DATE: 01/13/92 TIME: 1654 SKY CONDITION: CLEAR
PHOTO BY: T. SACCOCCIO WITNESSES: M. SHAW ,G. LIPSON
CAMERA: OLYMPUS SETTING: AUTOMATIC FILM TYPE: 35 MM FILM ROLL: 0200 6



SCENE: SAMPLE STATIONS 005 AND 006. DRUMS LOCATED ON FIRST FLOOR.
SITE NAME: NU-STYLE COMPANY SITE LOCATION: FRANKLIN, MASSACHUSETTS
FRAME NUMBER: 6 DATE: 01/13/92 TIME: 1706 SKY CONDITION: CLEAR
PHOTO BY: T. SACCOCCIO WITNESSES: M. SHAW ,G. LIPSON
CAMERA: OLYMPUS SETTING: AUTOMATIC FILM TYPE: 35 MM FILM ROLL: 020016

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION I
ENVIRONMENTAL SERVICES DIVISION
60 WESTVIEW STREET, LEXINGTON, MASSACHUSETTS 02173-3185

URGENT LEGAL MATTER -- PROMPT REPLY NECESSARY
HAND DELIVERED

February 7, 1992

Nu-Style Company, Inc.
c/o Carol I Armstrong and Richard F. Armstrong, President
157 Mendon Street
Bellingham, MA 02019

Re: **NOTICE OF POTENTIAL LIABILITY AND INVITATION TO PERFORM OR FINANCE PROPOSED CLEANUP ACTIVITIES:**
Nu-Style Company, Inc. Superfund Site, Franklin, MA

Dear Mr. Armstrong:

This letter serves to notify you of potential liability regarding the Nu-Style Company, Inc. Superfund Site, Franklin, Massachusetts ("Site"), as defined by Section 107(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended ("CERCLA"), 42 U.S.C. § 9607(a). This letter also notifies you of removal activities currently being performed at the Site, as well as forthcoming removal activities which you are invited to perform or finance, and which you may be ordered to perform at a later date.

NOTICE OF POTENTIAL LIABILITY

The United States Environmental Protection Agency ("EPA") has documented the release or threatened release of hazardous substances or pollutants or contaminants at the Site, which is located at 78 Grove Street in Franklin, MA. The Site is further defined as plots 5, 6 and 7 of the Town of Franklin Tax Map 72.

Hazardous substances involved in the release or threat of release at the Site include, but are not limited to, sodium cyanide, chromic acid, potassium cyanide, perchlorethylene (tetrachloroethylene), zinc cyanide, nickel sulfate, and copper cyanide. EPA has spent or is considering spending public funds on actions to investigate and control such releases or threatened releases at the Site. Unless a potentially responsible party ("PRP") or parties commit to properly performing or financing such actions, EPA may perform these actions pursuant to Section 104 of CERCLA, 42 U.S.C. § 9604.

Under Sections 106(a) and 107(a) of CERCLA, 42 U.S.C. §§ 9606(a) and 9607(a), Section 7003 of the Resource Conservation and Recovery Act ("RCRA"), 42 U.S.C. § 6973, and other laws, liable parties may be obligated to implement response actions deemed necessary by EPA to protect public health, welfare, or the environment and may be liable for all costs incurred by the Government in responding to any release or threatened release at the Site. Such actions and costs may include, but are not limited to, expenditures for investigations, planning, response, oversight, and enforcement activities.

Responsible parties under CERCLA include current and former owners and operators of the Site, persons who arranged for disposal or treatment of hazardous substances found at the Site (often called "generators"), and persons who accepted hazardous substances for transport to the Site (often called "transporters").

EPA has evaluated evidence gathered during investigations of the Site. Based on this evidence, EPA has information indicating that you are a potentially responsible party ("PRP") under Section 107(a) of CERCLA with respect to the Site. Specifically, EPA has reason to believe that Nu-Style Company, Inc. was an operator of the Site at the time of disposal of hazardous substances at the Site. By this letter, EPA formally notifies you of your potential liability and urges you to voluntarily perform or finance those response activities that EPA determines are necessary at the Site.

OUTLINE OF SITE RESPONSE ACTIVITIES

In accordance with CERCLA and other authorities, EPA has undertaken certain actions and incurred certain costs in response to conditions at the Site. These response actions have included: providing 24-hour security of the Site, conducting a site investigation which has revealed the presence of hazardous substances at the Site, and initial site-stabilization activities. Enclosed is a copy of the Action Memorandum, which, in addition to documenting the authorization of the release of funds for the Site cleanup, outlines the Site conditions and anticipated response activities.

Due to the presence of hazardous substances at the Site, and in light of other conditions, EPA has determined that there may be an imminent and substantial endangerment to public health, welfare, or the environment. In response, EPA is planning to conduct the following immediate removal activities at the Site: segregation and staging of containers; sampling and analysis of

contents of containers, vats and process tanks to determine the appropriate method of disposal; soil sampling and analysis in the immediate area outside the building; and disposal of all hazardous substances present at the Site.

INVITATION TO PERFORM SITE RESPONSE ACTIVITIES

Before EPA spends additional public funds to undertake a removal action at the Site, EPA urges you to voluntarily perform or finance the removal activities outlined above. Any such work performed by you in your capacity as a PRP must be conducted pursuant to a unilateral administrative order and an EPA-approved workplan as authorized by Section 106(a) of CERCLA, 42 U.S.C. § 9606(a). Prior to final issuance of such a unilateral order, a draft order will be sent to you or your representative for review and comment.

Be advised that even if you do not indicate a willingness to perform or finance necessary response actions, EPA may order you to undertake such actions under Section 106 of CERCLA, 42 U.S.C. § 9606. Failure to comply with a Section 106(a) administrative order may result in a fine of up to $25,000 per day under Section 106(b) or imposition of treble damages under Section 107(c)(3) of CERCLA. Further, you may be held liable under Section 107(a) for the cost of the response activities EPA performs at the Site and for any damages to natural resources.

A Notice of Potential Liability has also been sent to Nu-Style Company, Inc. You or your attorney may wish to discuss the matters set forth in this letter with such parties or their attorneys.

PRP RESPONSE AND EPA CONTACT

You should contact EPA within **seven (7) calendar days** after receipt of this letter to indicate your willingness to perform or finance the response activities outlined above. If EPA does not receive a response within that time, EPA will assume that you do not wish to negotiate a resolution of your liabilities in connection with the response and that you have declined any involvement in performing response activities. Be advised, however, that liability under CERCLA is joint and several; therefore, each PRP is potentially liable for undertaking all response actions or reimbursing the Government for the entire amount of its response costs.

Please provide the name, address, and telephone number of a designated contact for future communications. Your written response, including any technical comments or questions concerning the proposed response activities, should be directed to:

Gary Lipson
U.S. Environmental Protection Agency
Site Evaluation & Response Section II
60 Westview Street
Lexington, Massachusetts 02173
(617) 860-4622

Legal questions and all communications from counsel should be directed to:

Andrew Raubvogel
U.S. Environmental Protection Agency
Office of Regional Counsel
JFK Federal Building -- RCV-23
Boston, Massachusetts 02203
(617) 565-3169

DECISION NOT TO USE SPECIAL NOTICE

Under Section 122(e) of CERCLA, 42 U.S.C. § 9622(e), EPA has the discretionary authority to invoke special notice procedures to formally negotiate the terms of an agreement between EPA and PRPs to conduct or finance response activities. The use of special notice procedures triggers a moratorium on certain EPA activities at the Site while formal negotiations between EPA and the PRPs are conducted.

Due to the exigencies posed by conditions present at the Site, removal activities must be conducted as expeditiously as possible. EPA has therefore decided not to invoke the Section 122(e) special notice procedures with respect to CERCLA removal actions at this Site. Nonetheless, EPA is willing to discuss settlement opportunities without invoking a moratorium, but will initiate the response action as planned if such discussions do not lead to settlement expeditiously.

ADMINISTRATIVE RECORD

Pursuant to Section 113(k) of CERCLA, 42 U.S.C. § 9613(k), EPA will establish an administrative record containing documents that form the basis of EPA's decision on the selection of

response actions for the Site. The administrative record files may be inspected and comments may be submitted by contacting:

Pam Bruno
Administrative Records Coordinator
U.S. Environmental Protection Agency
60 Westview Street
Lexington, Massachusetts 02173
(617) 860-6309

The Administrative Record Files with corresponding index should be available for inspection at a repository near the Site within sixty (60) days of initiation of on-site removal activities.

SITE ACTIVITY OUTSIDE EPA ACTIONS

If you are already involved in discussions with state or other local authorities or involved in a lawsuit regarding this Site, you should continue such activities as you see fit. This letter is not intended to advise or direct you to restrict or discontinue any such activities. However, you are advised to report the status of any such discussions or actions in your response to this letter and to provide a copy of your response to any other parties involved in those discussions or actions.

CONSENT TO ACCESS

Under cover of a separate document enclosed with this letter, EPA requests access to your property, the Site, to perform or oversee the response actions discussed above.

PURPOSE AND USE OF THIS NOTICE LETTER

The factual and legal discussions contained in this letter are intended solely to provide notice and information. Such discussions are not intended to be, and cannot be, relied upon as EPA's final position on any matter set forth herein.

Due to the seriousness of the environmental and legal problems posed by conditions at the Site, EPA urges that you give immediate attention and provide a prompt response to this letter.

By copy of this letter EPA is notifying the State of and the Natural Resources Trustees of EPA's intent to perform, or to enter into negotiations for the performance or financing of, response actions at the Site.

Thank you for your attention to this matter.

Sincerely,

Edward J. Conley, Director
Environmental Services Division

Enclosure(s)

cc: Gary Lipson, EPA On-Scene Coordinator - ESD
Mary Dever, EPA Enforcement Coordinator - ESD
Pam Bruno, EPA Administrative Records Coordinator - ESD
Andrew Raubvogel, EPA Case Attorney - ORC
Bruce Diamond, EPA Office of Waste Programs Enforcement - HQ
Henry Longest, EPA Office of Emergency and Remedial Response - HQ
Michael Moran, Massachusetts Department of Environmental Protection
William Patterson, Natural Resources Trustee - U.S. Department of the Interior
John Lindsay, Natural Resources Trustee - National Oceanic and Atmospheric Administration

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION I
ENVIRONMENTAL SERVICES DIVISION
60 WESTVIEW STREET, LEXINGTON, MASSACHUSETTS 02173-3185

CONTAINS ENFORCEMENT-SENSITIVE INFORMATION

MEMORANDUM

DATE: January 17, 1992

SUBJ: Request for a Removal Action at the Nu-Style Site, Franklin, MA

FROM: Gary Lipson, On-Scene Coordinator
Site Evaluation and Response Section II
Emergency Planning and Response Branch

TO: Julie Belaga
Regional Administrator

THRU: Edward J. Conley, Director
Environmental Services Division

Site ID #: M4

I. PURPOSE

The purpose of this Action Memorandum is to request and document approval of the proposed removal action described herein for the Nu-Style Site, Grove Street, Franklin, Massachusetts.

II. SITE CONDITIONS AND BACKGROUND

CERCLIS ID #: Not assigned
Category : Time-critical

A. Site Description

1. Removal site evaluation

In 1966,1968 and 1969, Richard and Carol Armstrong purchased three plots of land with accompanying buildings on Grove Street and Old Grove Street in the Town of Franklin, MA (Franklin tax map 72, plots 5,6, and 7). Soon after, a jewelry manufacturing business was started at that location. Processes used in the business until it closed in 1989 included plating, degreasing, casting, hot stamping, spray painting and plastic injection molding.

On January 8, 1992, Michael Moran of the Massachusetts Department of Environmental Protection (MA DEP) along with Franklin Fire Chief Francis Molloy and Town Administrator Wolfgang Bauer performed an inspection of the buildings in question. Their inspection revealed full and partially full labeled drums and containers as well as drums and containers with unknown material. They also found seven process tanks in the former plating department containing unknown liquids and/or sludges.

On January 10, 1992, Mr. Bauer met with Steven Novick, Chief of the EPA Site Evaluation and Response Section II. Mr. Bauer indicated that cleanup of the Site was beyond the resources of the Town of Franklin and requested EPA assistance in mitigating the threat caused by the presence of the chemicals. On-Scene Coordinator (OSC) Gary Lipson spoke with Mr. Moran who concurred that the MA DEP as well would not be able to perform the cleanup and requested that the EPA take the lead in a removal action.

On January 13, 1992, OSC Lipson from the Site Evaluation and Response Section II along with members of the Technical Assistance Team (TAT) conducted a preliminary site assessment. The OSC recommended an immediate removal action due to an imminent and substantial threat to human health and the environment caused by the presence of a large variety of improperly stored chemicals.

2. Physical Location

The area is predominantly industrial/residential. There are two operating facilities within 20 yards from the Site with a total of 9 full time employees, and two residences within 60 yards from the site with a total of 6 people. There is a condominium complex with several hundred units and a warehouse used for records storage approximately 200 yards from the Site. There is a commuter train line that passes about 75 yards from the Site and a train station about 1/4 mile away. In addition, the Tri-County Technical High School with 700 students and a large office building belonging to the Federal Deposit Insurance Corporation (FDIC) with about 700 employees, are both approximately 1/4 mile from the Site. An industrial park (Forge Park) with 10 to 15 operating companies is located about 1/2 mile from the Site. Interstate 495, a heavily used highway runs less than 200 yards from the site. On the far side of I-495 is a large commercial shopping plaza.

The Site is directly adjacent to and on top of the Mine River (classified as a class B: warm water fishery) which empties into the Charles River approximately 5 miles downstream. The Mine River passes through 2 municipal well fields before it empties into the Charles. A well for the town of Franklin is 2 1/2 miles downstream, and wells for both Franklin and Medway, MA are about 2 1/2 miles beyond that, before the junction of the 2 rivers.

3. Site Characteristics

The Site consists of three buildings on three plots on almost 2 acres of land within the town of Franklin, Massachusetts. The majority of the chemicals are contained in one of the buildings. This is the first proposed removal at the Site.

4. Release or threatened release into the environment of a hazardous substance, pollutant or contaminant.

During the EPA Site Assessment conducted on January 13, 1992, OSC Lipson copied some legible chemical names from assorted containers found at the Site.

Sodium Cyanide: 10 (30) gallon drums
Chromic Acid: 2 (20) gallon containers
Potassium Cyanide
Perchlorethylene (tetrachloroethylene)
Zinc Cyanide
Nickel Sulfate: 12 (20) gallon containers
Copper Cyanide

All of these chemicals are hazardous substances as defined in section 101(14) of CERCLA. There were also hundreds of containers with paint related material as well as drums and containers with no legible markings. In addition, there was evidence of past spillage. Stains, pools of material, and various drippings from the ceilings were seen inside of the building.

The chemicals are stored in many different size containers, ranging from 4 ounce glass jars to 55-gallon steel drums to large plating tanks.

Many of the above listed chemicals are toxic for all routes of exposure, e.g. inhalation, ingestion, and direct contact. Heating some of the chemicals to decomposition, as in the case of a fire, liberates particularly toxic compounds. Severely cold temperatures (the buildings are currently unheated) or spring freeze-thaw conditions may lead to additional breaching of some of the containers thereby releasing the chemicals to the environment.

5. NPL status

The Site is not currently listed on the National Priority List (NPL) nor is it expected to be so.

The Site has not received a Hazard Ranking System rating and is not being evaluated by the Agency for Toxic Substances and Disease Registry (ATSDR).

B. OTHER ACTIONS TO DATE

1. Previous actions

When the facility closed in late 1989, town officials were not aware of the extent of chemicals left inside. Fire Chief Molloy did know about four underground tanks used for heating oil and attempted to have the owner of the property, Mr. Richard Armstrong, remove these. The Chief was also concerned about the sprinkler system inside the building which was no longer working.

In early spring 1991, Chief Molloy again contacted Mr. Armstrong but was told by Mr. Armstrong that he no longer owned the property. Mr. Armstrong had filed for both personal and company bankruptcy. His bank, the Home National Savings Bank in Milford, MA went broke and closed their doors. At this point, Chief Molloy contacted the FDIC to inquire about the property in question. Officials of the FDIC met with the Chief and toured the perimeter of the buildings. They decided to have a 21E site investigation done of the property. In late 1991, the FDIC sent a letter to Chief Molloy saying they were not interested in the property and did not own it. About that time, some citizens expressed concern about the buildings, fearful of chemicals inside and the fact that people were seen entering and/or exiting. After looking inside the building again, the Chief contacted the MA DEP and informed them of the potentially dangerous situation.

C. State and Local Authorities' Roles

1. State and local actions to date

In 1990, the Armstrongs were cited for solid waste violations by the Franklin Board of Health. This involved rubbish, debris and drums that were littering the property outside of the buildings. This was satisfactorily taken care of.

On January 8, 1992, Mr. Moran of the MA DEP along with Chief Molloy and Town Administrator Bauer performed an inspection of the facility. The inspection revealed full and partially full drums and containers of labeled material as well as unlabeled drums and containers. They also found several plating dip tanks still containing product.

On January 9, 1992, personnel from the MA DEP requested assistance from EPA's Emergency Planning and Response Branch (EPRB). On that date, DEP informed EPRB of their findings.

On January 10, 1992, Mr. Bauer met with Mr. Novick, Section Chief of the EPA Site Evaluation and Response Section II. Mr. Bauer asked for EPA assistance in cleaning up the facility and mitigating the threat posed to human health and the environment. OSC Lipson spoke with Mr. Moran who indicated that the cleanup was beyond the resources of the MA DEP. Mr. Moran further stated that the DEP would attempt to assist the EPA in any way possible during the course of the removal action.

III. THREATS TO PUBLIC HEALTH OR WELFARE OR THE ENVIRONMENT, AND STATUTORY AND REGULATORY AUTHORITIES

A. Threats to Public Health or Welfare

This Site is in the middle of a large population base. There are two operating companies adjacent to the Site, two residences within 60 yards, a condominium complex with a few hundred units and a records storage warehouse within 200 yards, and a commuter train line that runs about 75 yards from the Site. In addition, there is a technical high school and a large office building both within 1/4 mile from the Site. The high school has 700 students and the office building approximately 700 employees. Interstate 495, a

heavily travelled highway, runs about 200 yards from the Site. A large commercial shopping plaza is located on the far side of I-495. The primary threat to these people would be a fire in the facility releasing highly toxic smoke. Since there are many incompatible chemicals stored in the building, the threat of an explosion is also present. Secondary threats include direct contact, inhalation and ingestion. These threats are attainable should anyone get into the building for the purpose of playing, exploring or vandalism. This is possible as nearby residents have seen people entering and/or leaving the premises. Also, in the case of extremely cold temperatures or spring freeze-thaw conditions, some of the containers might break or split open.

The building is located directly adjacent to the Mine River which flows through Franklin on the way to the Charles River. On the way to the Charles, the Mine River passes through a well field containing one municipal well for the town of Franklin and further downstream passes through a well field containing municipal wells for both Franklin and Medway, Massachusetts. Any introduction of chemicals and/or contaminated runoff, in the event of a fire, to the Mine River could potentially have a negative impact on these wells.

The following information is taken from the "Handbook of Toxic and Hazardous Chemicals and Carcinogens", Second Edition, Marshall Sitting, 1985. The chemicals listed are some of those found in the building.

Sodium Cyanide
Harmful Effects and Symptoms: Vomiting, hallucinations, convulsions, irregular pulse, ventricular fibrillation, pulmonary edema.

Potassium Cyanide
Harmful Effects and Symptoms: Weakness, headaches, confusion, nausea, vomiting, eye and skin irritation, slow gasping respiration.

Copper Cyanide
Harmful Effects and Symptoms: (Local) - Copper salts act as irritants to the intact skin causing itching, erythema, and dermatitis. In the eyes, copper salts may cause conjunctivitis and even ulceration and turbidity of the cornea.

Perchlorethylene (Tetrachloroethylene)
Harmful Effects and Symptoms: Acute exposure may cause central nervous system depression, hepatic injury, and anesthetic death. It has been found to be carcinogenic.

B. Threats to the Environment

As previously mentioned, the Site is located directly adjacent to the Mine River which feeds the Charles River approximately five miles downstream. Any introduction of hazardous substances to the river could have a negative impact to aquatic life, both flora and fauna.

IV. ENDANGERMENT DETERMINATION

Actual or threatened releases of hazardous substances from this Site, if not addressed by implementing the response action selected in this Action Memorandum, may present an imminent and substantial endangerment to public health, or welfare, or the environment.

V. PROPOSED ACTIONS AND ESTIMATED COSTS

A. Proposed Actions

1. Proposed action description

The first step in this removal action will be to stabilize all containers to prevent any accidental release. When it is deemed safe by the OSC to move the containers, they will be segregated and staged according to anticipated waste streams using the existing labeling on the containers. Any required sampling will be conducted on the securely staged containers and, if necessary, they will be rearranged into compatible groups. This includes unlabeled containers, vats and process tanks, and underground storage tanks as they will need to be sampled to properly classify them. Soil in the immediate areas outside of the buildings will also be sampled. Laboratory packing and bulking will be utilized as much as possible to consolidate the smaller containers. Larger containers will be sampled in accordance with standard drum sampling protocol for unknown materials to ensure field personnel safety.

All material will be disposed of in accordance with the EPA off-site disposal policy.

2. Contribution to remedial performance

A removal action is proposed for this non-NPL Site. There are no current remedial activities. Any future work would not be impeded by proposed removal actions.

3. Description of alternative technologies

Incineration and neutralization will be the primary forms of disposal for these wastes. Other technologies such as fuel blending and recycling, if feasible, will be examined when a full inventory of the chemicals is made.

4. Applicable or relevant and appropriate requirements (ARARs)

All federal regulations pertaining to the cleanup of the Nu-Style Site will be reviewed by the OSC. ARARs will be identified as the removal action progresses according to the cleanup methodologies and disposal options utilized.

The OSC will request the MA DEP to identify state ARARs. The OSC will, to the extent practicable, incorporate them when they are made available.

5. Project schedule

It will take approximately four to five months to effectively stabilize, sample, transport and dispose of the chemicals. Two months of on-site field activities should be sufficient to prepare all materials for transportation and disposal. Response activities have already begun as the OSC exercised his $50,000 emergency funding to provide 24 hour/day security at the Site.

B. Estimated Costs

Extramural Costs

Regional Allowance Costs:

On-site activities	$ 200,000
Laboratory analysis	125,000
Transportation, storage and disposal	300,000
Cleanup Contractor Costs	$ 625,000
20 % contingency	125,000
Cleanup Contractor Total	$ 750,000
Technical Assistance Team	$ 75,000
20 % contingency	15,000
Technical Assistance Team Total	$ 90,000
Extramural Total	$ 840,000

Intramural Costs

EPA Regional Personnel	$ 125,000
TOTAL, REMOVAL PROJECT CEILING	**$ 965,000**

VI. EXPECTED CHANGE IN THE SITUATION SHOULD ACTION BE DELAYED OR NOT TAKEN

Delayed action will increase public health risks to the adjacent population as well as environmental risks to the nearby waterway. The situation is currently unstable. Any further delays will add to the likelihood of a release through a number of circumstances, e.g. fire, explosion, vandalism and inclement weather conditions including freezing and spring freeze-thaw conditions that will occur within the next few months.

VII. ENFORCEMENT

See attached.

VII. RECOMMENDATION

This decision document represents the selected removal action for the Nu-Style Site, in Franklin, Massachusetts, developed in accordance with CERCLA, as amended, and which is consistent with the NCP. This decision is based on the administrative record for the Site.

Conditions at the Nu-Style Site meet the NCP Section 300.415(b)(2) criteria for an immediate removal action in that there is:

Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances or pollutants or contaminants...[300.415(b)(2)(i)];

Hazardous substances or pollutants or contaminants in drums, barrels, tanks, or other bulk storage containers, that may pose a threat of release...[300.415(b)(2)(iii)];

Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released...[300.415(b)(2)(v)];

Threat of fire or explosion...[300.415(b)(2)(vi)].

Therefore, I recommend your approval of this removal action. The estimated total project costs are $965,000, of which approximately $750,000 is for extramural cleanup contractor support.

APPROVAL: [signature] DATE: 1/21/92

DISAPPROVAL: _____ DATE: _____

GOLDBERG
energy management

7 Rantoul Street
Beverly, Mass. 01915-4822
922-8900

July 17, 1991.

I. E. S.
265 Medford Street
Somerville, Massachusetts 02143

Attention: Dan Jaffee

RE: Oil Tank Removal/
Abandonment at
87 Grove Street
Franklin, Mass.

Dear Dan:

Goldberg Energy Management is pleased to furnish you with the following quotation for work to be performed at 87 Grove Street in Franklin, Massachusetts.

SCOPE OF WORK:

1. Secure a Dig-Safe number.

2. Secure and pay for the necessary permits from local fire department for tank removal.

3. Clean one (1) 5,000 gallon, one (1) 2,000 gallon, one (1) 1,000 gallon #2 heating oil tank, and one (1) 2,000 gallon gasoline tank. Remove and dispose of liquids and sludges in accordance with all applicable regulations.

4. Legally abandon one (1) 5,000 gallon #2 heating oil tank by filling with concrete slurry. Inert tanks in a manner approved by local fire department.

5. Excavate and remove tanks with its associated piping.

6. Transport and dispose of tanks at an approved scrap yard.

7. Backfill area to grade, using clean fill.

8. Provide you and local fire department with copies of all hazardous waste manifests, tank removal receipts, and any other paperwork generated from work.

OWNERS RESPONSIBILITIES:

1. Provide reasonable access to property and tank site.

2. Adherence to payment terms below.

ADDITIONAL CONDITIONS:

1. The cost of any stockpiling, testing, removal, disposal, etc., of any contaminated soil or water outside of the tank is NOT included in this quote.

2. Any additional backfill required, other than that which displaces the volume of the removed tank, is NOT included in this quote.

3. If any subsurface conditions are found in the process of the work, such as ledge, high water table, buried concrete, large rocks, unmarked utilities, piping, etc., the costs to remedy same is NOT included in this quote.

4. If it is found that shoring or sheathing is needed, or if any work is needed or required beyond the above described work, tne costs of same are NOT included in this quote.

If any of the above conditions apply, Goldberg Energy Management, Inc. will provide a cost estimate before proceeding.

Quoted by:

GOLDBERG ENERGY MANAGEMENT, INC.

Robert Wass

Robert Wass
Vice President
Sales/Marketing

Accepted by:

Date: July 17, 1991.

Quoted Price: $8,925.00

Plus Oil Disposal
$0.65 per gallon

Plus Gas/Water Disposal
$1.50 per gallon

Plus Solid Disposal
N/A

Payment Terms:
15 days

Quote will stay in effect until August 17, 1991.

Town of Franklin

Sent 5/8/90

Copy

150 Emmons Street
Franklin, Massachusetts 02038

October 1, 1986

Mr. Richard Armstrong
78 Grove Street
Franklin, Massachusetts 02038

Dear Mr. Armstrong:

In accordance with the provisions of Chapter 148, Section 13, of the General Laws you are to register the underground storage tanks that are located on your property. We have been in touch with your office on a number of occasions.

If you do not register within the next few day, there is a possibility that your registration could be suspended.

Thank you for your attention to this matter.

Sincerely,

Deborah L. Pellegri

Deborah L. Pellegri
Town Clerk

CC: Chief Molloy, Fire Department

006 1.25 AC

E ST

STRONG RICHARD F & CAROL I
MENDON STREET 8545 BK
INGHAM, MA 02019 244 PG
01/23/90

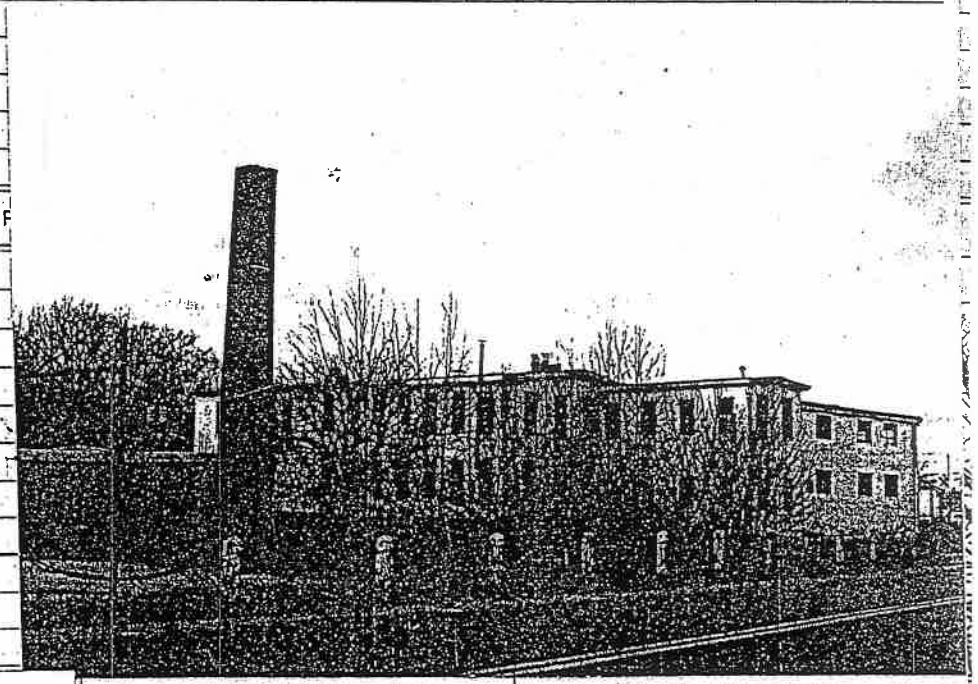
72 BLOCK LOT 6

RECORD OF OWNERSHIP	DATE	BOOK	PAGE	R. S.

ON WITNESSED BY:

ASSESSMENT RECOR

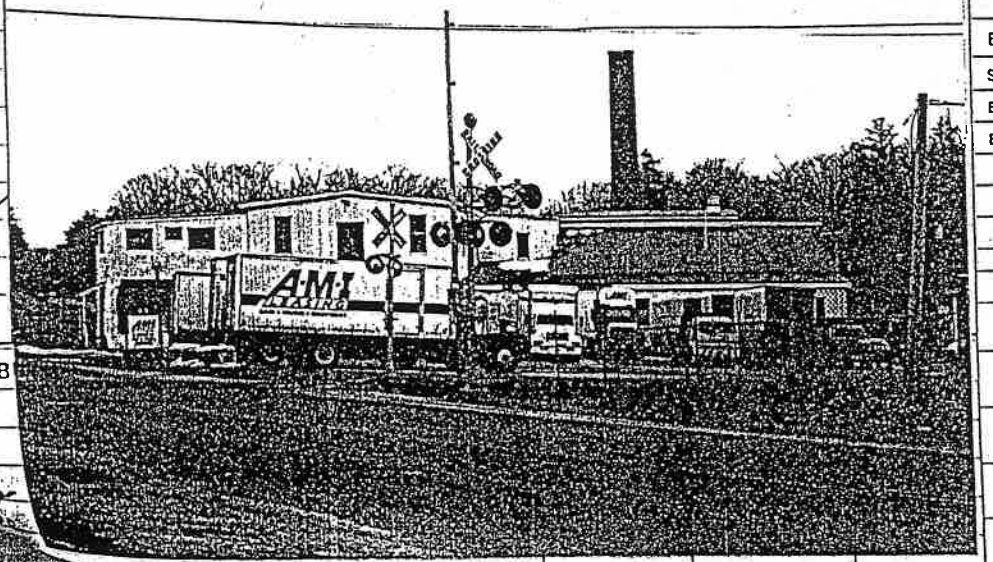
	FY 1995	19	19	19	19
NG					
VALUE BUILDINGS	124100				
VALUE LAND	98700				
VALUE LAND & BUILDINGS	222800				



PROPERT

POGRAPHY	
	✓
NG	
PY	
STREET	
D	✓
MPROVED	
VALK	

B



BREAKDOWN	# OF ACRES	UNIT PRICE	ADJUSTMENTS	TOTAL
SITE	1.0	110		
EXPANSION				
BUFFER	.25			
	1.25			

LOT COMPUTATIONS

SQUARE FEET	UNIT PRICE	ADJUSTMENTS	VALUE
TOTAL VALUE LAND			
TOTAL VALUE BUILDINGS			
TOTAL VALUE LAND & BUILDINGS			

072 005 6400 SF
37 GROVE ST

ARMSTRONG RICHARD F & CAROL I
157 MENDON STREET
BELLINGHAM, MA 02019

4593 BK
189 PG
05/22/69

72 BLOCK 5 LOT

PROPERTY CLASS STATE CODE 1/400

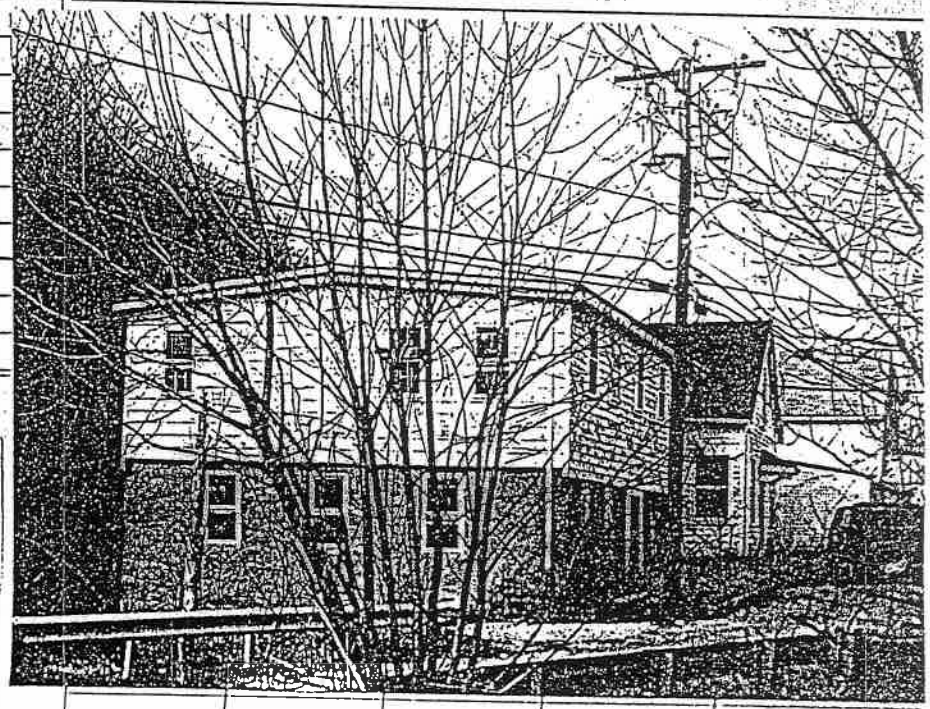
RECORD OF OWNERSHIP	DATE	BOOK	PAGE	R. S.
Armstrong, Richard F. & Carol I.	5-22-69	4593	189	

ECTION WITNESSED BY:

ASSESSMENT RECORD

	FY 1995	19	19	19	19
ELLING					
RAGE					
AM.					
TAL VALUE BUILDINGS	128700				
TAL VALUE LAND	61200				
TAL VALUE LAND & BUILDINGS	189900				

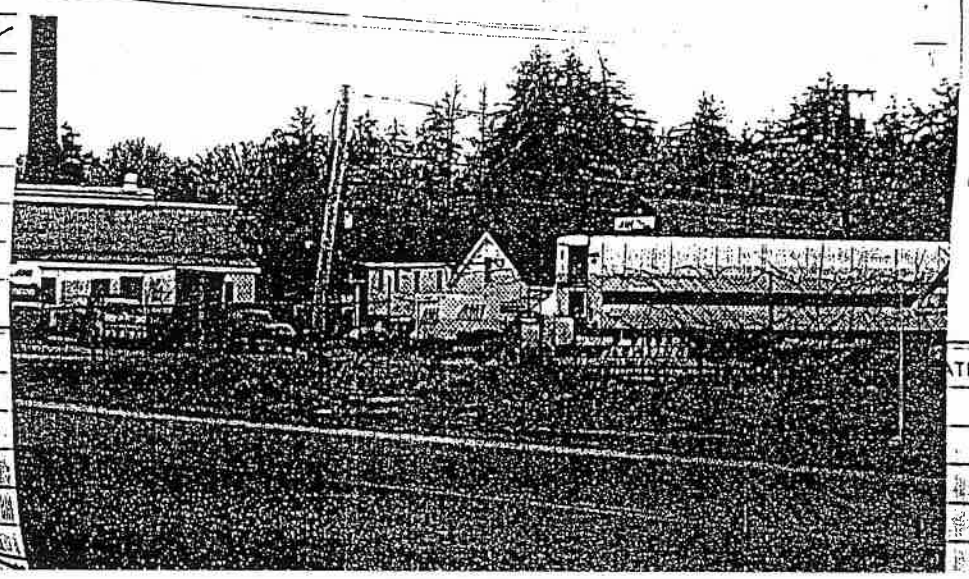
PROPERTY INFORMATION



PROPERTY FACTORS

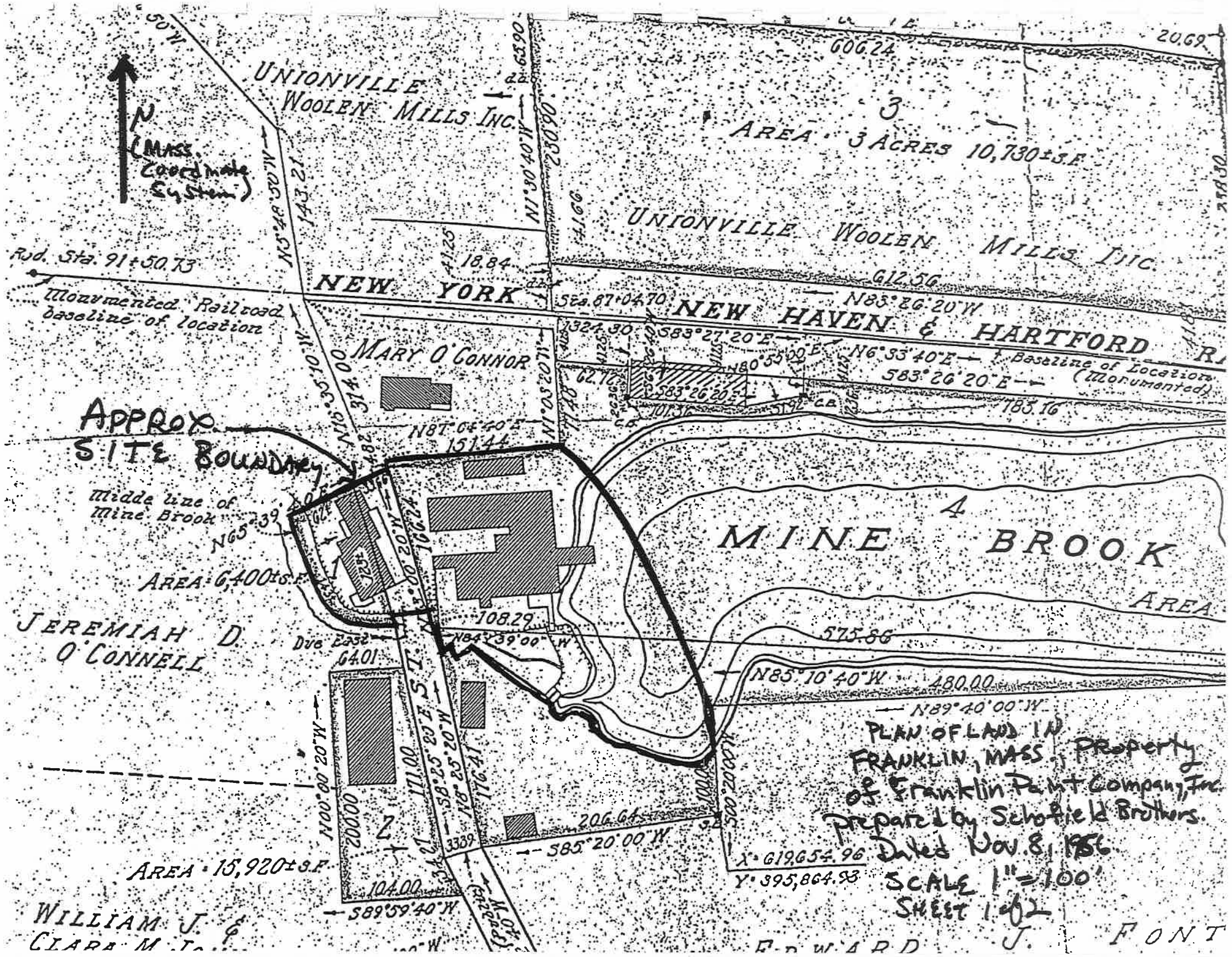
TOPOGRAPHY
VEL ✓
GH
OW ✓
OLLING
NAMPY

STREET
VED ✓
MI-IMPROVED
RT
DEWALK



LOT COMPUTATIONS

SQUARE FEET	UNIT PRICE	ADJUSTMENTS	VALUE
6400 #	100		
TOTAL VALUE LAND			
TOTAL VALUE BUILDINGS			
TOTAL VALUE LAND & BUILDINGS			

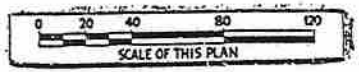

N (MASS. Coordinate System)
UNIONVILLE WOOLEN MILLS INC.
3
AREA 3 ACRES 10,730±S.F.
UNIONVILLE WOOLEN MILLS INC.
Rod. Sta. 91+50.73
Monumented Railroad baseline of location
NEW YORK NEW HAVEN & HARTFORD R.
Sta. 87+04.70
N85°26'20"W
612.56
MARY O'CONNOR
S83°27'20"E
N6°33'40"E
Baseline of Location (Monumented)
S83°26'20"E
783.16
APPROX. SITE BOUNDARY
N87°04'40"E
151.44
Middle line of Mine Brook
N65°39'
AREA 6,400±S.F.
4
MINE BROOK
AREA
JEREMIAH D. O'CONNELL
Due East
640.1
108.29
N84°39'00"W
575.86
N85°10'40"W
480.00
N89°40'00"W
PLAN OF LAND IN FRANKLIN, MASS. Property of Franklin Paint Company, Inc.
Prepared by Schofield Brothers.
Dated Nov. 8, 1956
SCALE 1" = 100'
SHEET 1 of 2
206.64
S85°20'00"W
X = 619,654.96
Y = 395,864.98
Z
AREA = 15,920±S.F.
104.00
S89°59'40"W
WILLIAM J. &
EDWARD J. FONT

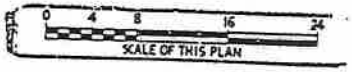
Plan and Profile
showing Alteration of Railroad Crossing
on

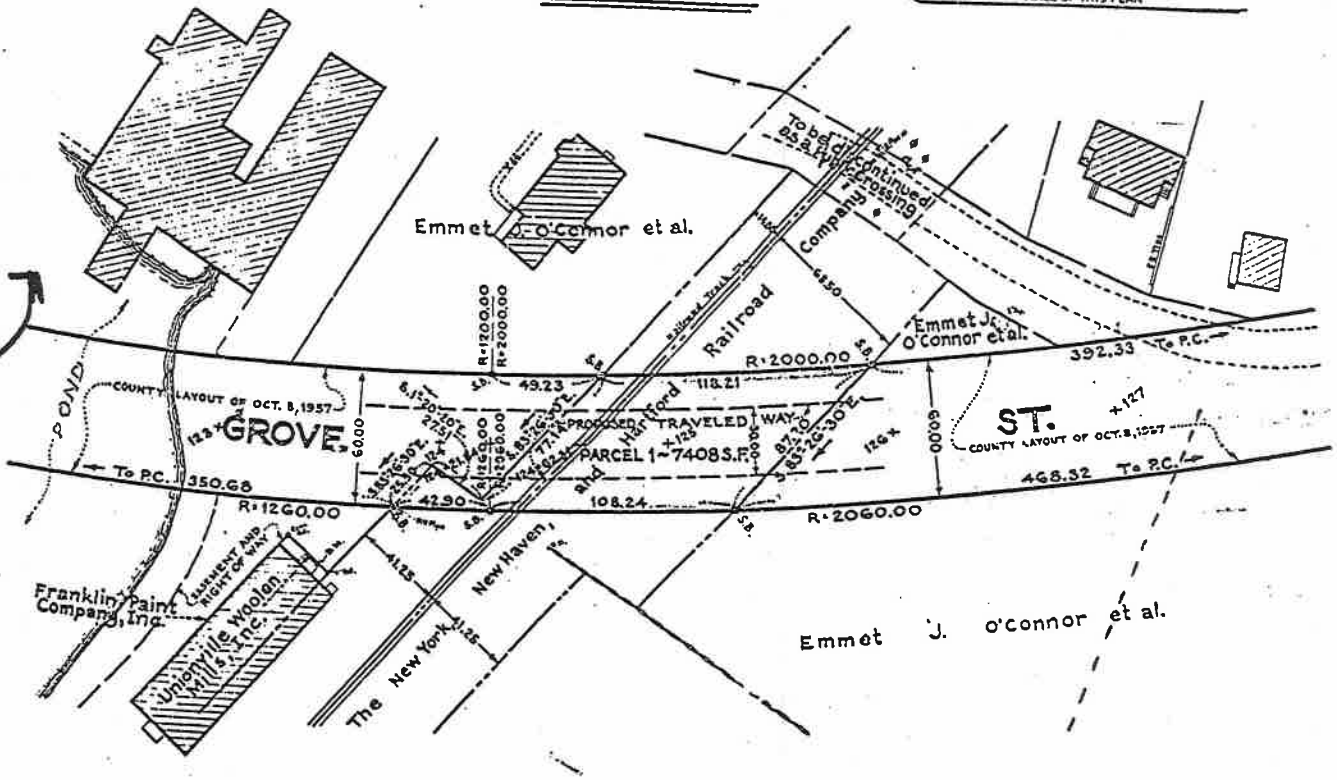
GROVE STREET, FRANKLIN

at the Relocation dated October 8, 1957
as made by the Norfolk County Commissioners
by Decision dated December 20, 1960
Horizontal Scale: 1 inch = 40 feet. Vertical Scale: 1 inch = 8 feet.
Wallace S. Carson, County Engineer
Russell J. Bates CHAIRMAN.

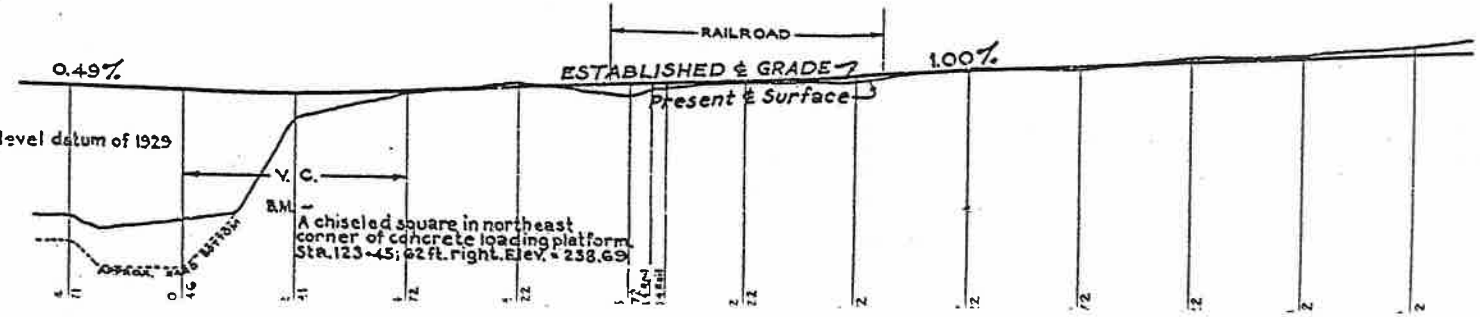
- A TRUE COPY -
Attest: Willis A. Ward Clerk.







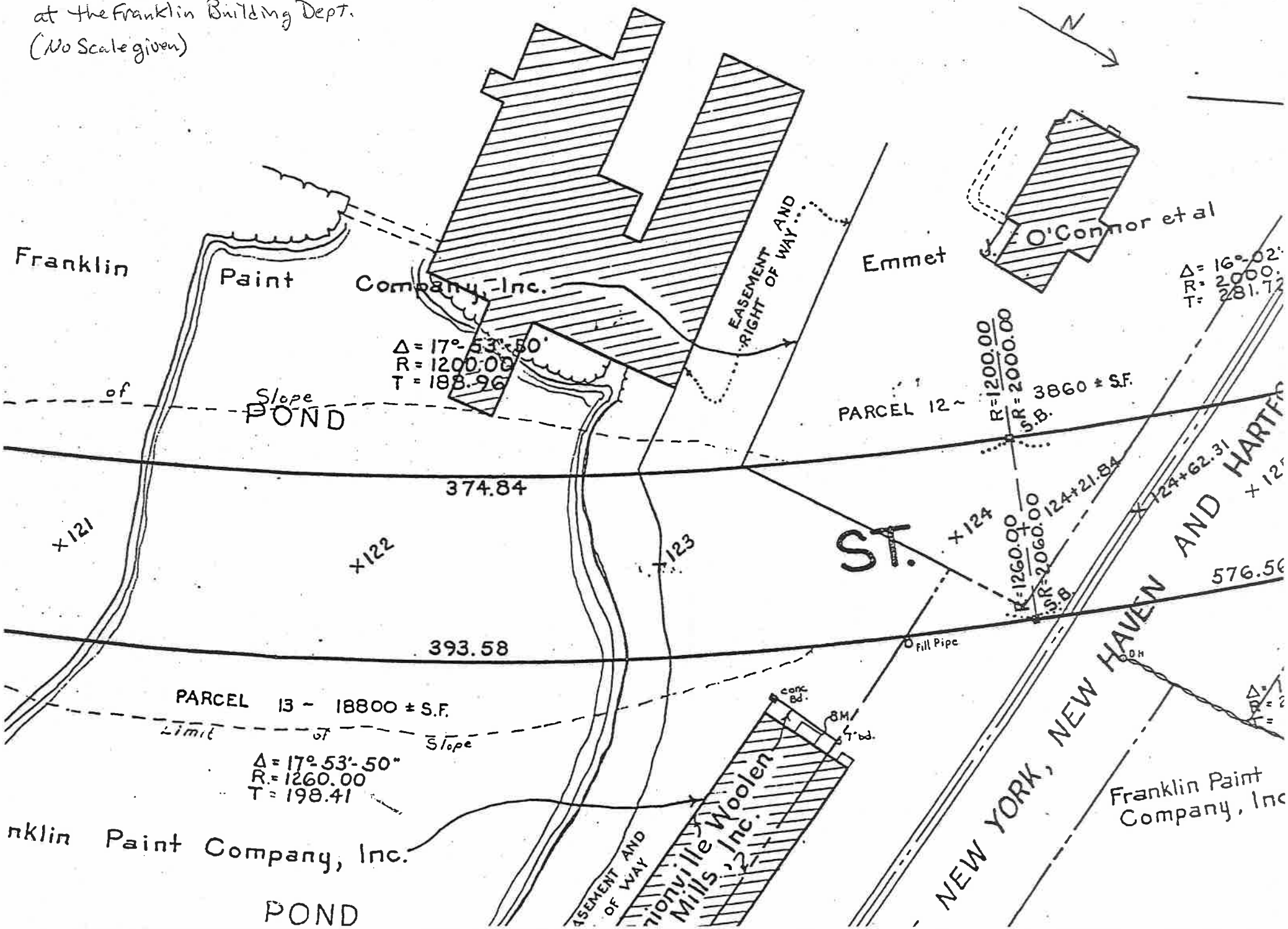
Subject Site
Lot 27



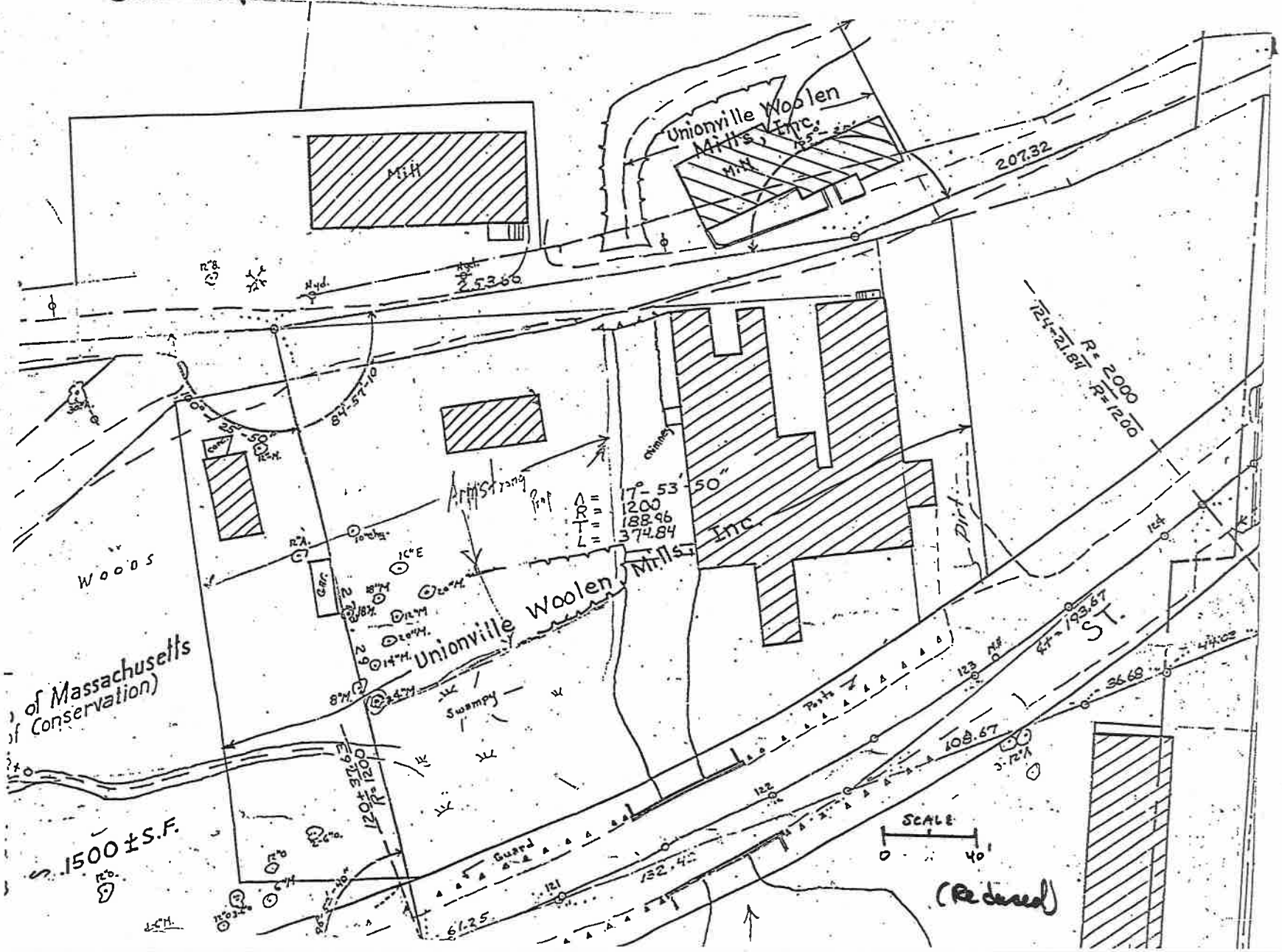
Elevations based on sea level datum of 1929

is
Taking
folk

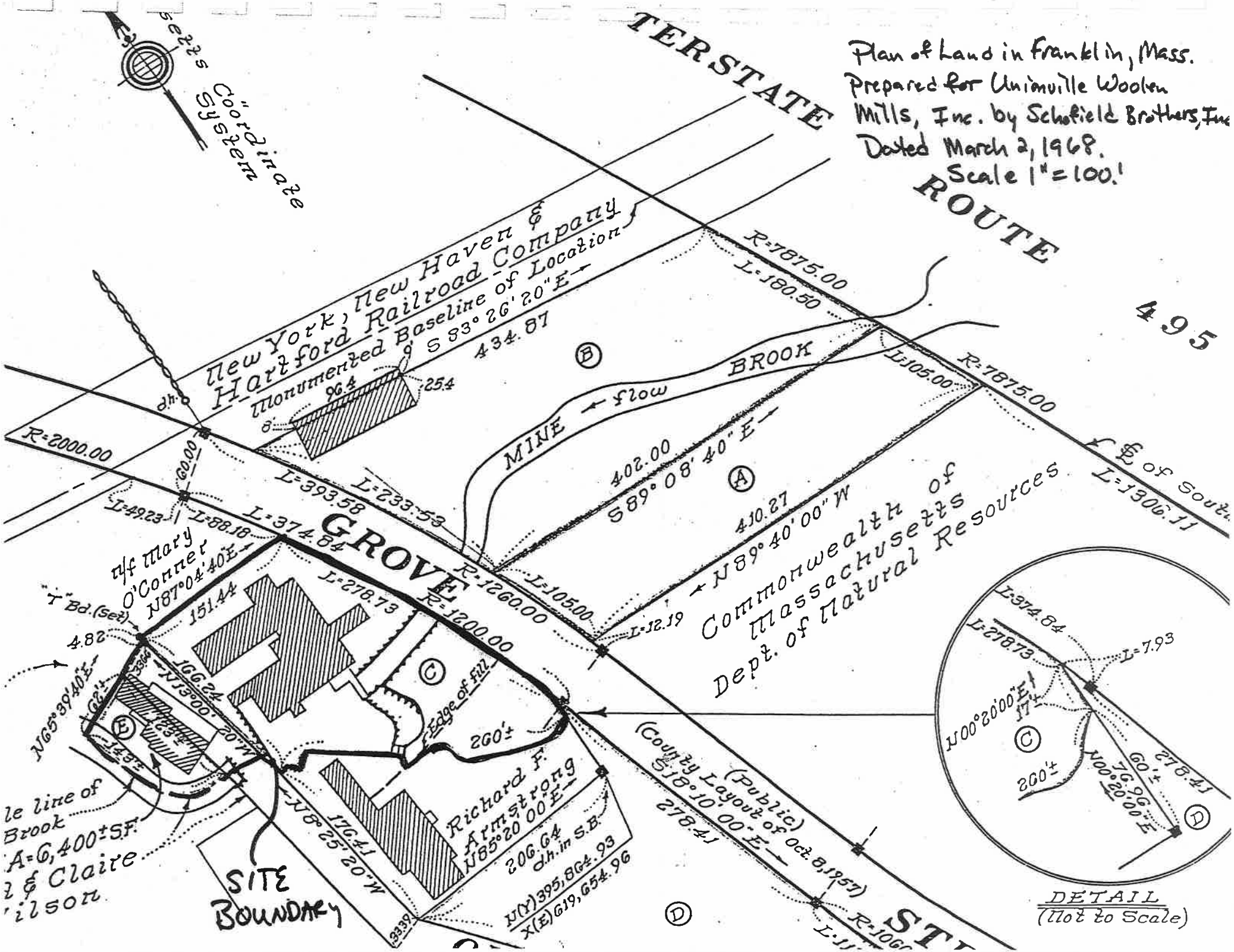
Untitled, undated map on file at the Franklin Building Dept. (No Scale given)

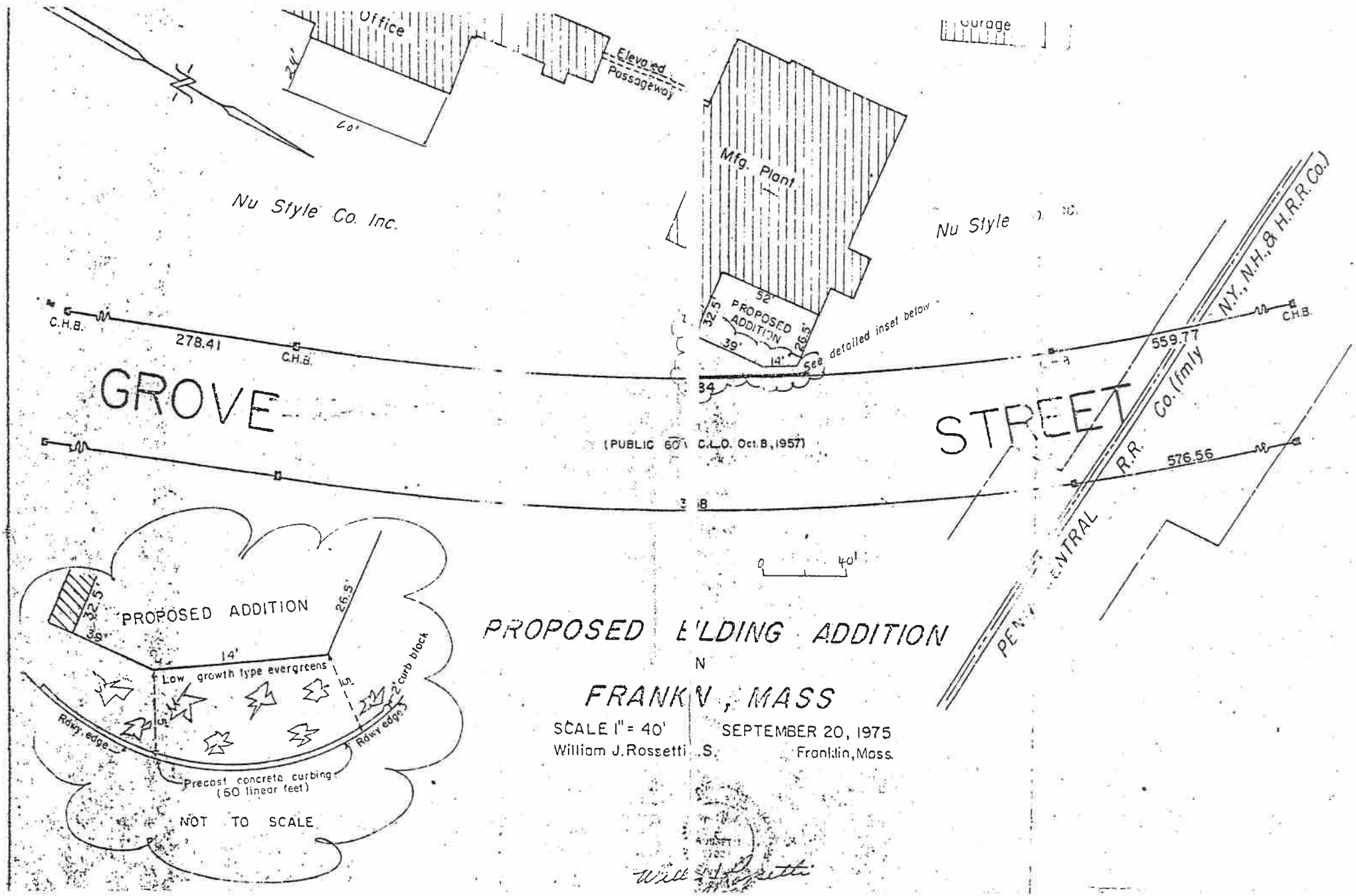


From map prepared by the Norfolk County Engineers Dept. Env. No. 602.
Dated Apr. 1965. Scale 1" = 40'



Plan of Land in Franklin, Mass.
Prepared for Uniuville Woolen
Mills, Inc. by Schofield Brothers, Inc
Dated March 2, 1968.
Scale 1" = 100.'




Office
24'
60'
Elevated Passageway
Garage
Mfg. Plant
Nu Style Co. Inc.
Nu Style
52
32.5
PROPOSED ADDITION
39'
14'
26.5'
see detailed inset below
C.H.B.
278.41
C.H.B.
559.77
C.H.B.
GROVE
STREET
34
(PUBLIC 60' C.L.O. Oct. 8, 1957)
576.56
N.Y., N.H., & H.R.R. Co.)
R.R. Co. (fmly
PENNSYLVANIA CENTRAL
0
40'
PROPOSED ADDITION
32.5'
39'
14'
26.5'
Low growth type evergreens
5'
2' curb block
Rdwy edge
Rdwy edge
Precast concrete curbing (60 linear feet)
NOT TO SCALE
PROPOSED BUILDING ADDITION
N
FRANKLIN, MASS
SCALE 1" = 40'
SEPTEMBER 20, 1975
William J. Rossetti S.
Franklin, Mass.

TOWN OF FRANKLIN

BOARD OF HEALTH

Rec'd 2-26-90

(1)

Jackson, *Chairperson*
Edge, *V. Chairperson*
McGroary, *Member*
William H. Cummings *Agent*

Municipal Building
150 Emmons Street
Franklin, MA 02038
(508) 528-1948

February 23, 1990

TO: Richard F. & Carol I. Armstrong
157 Mendon Street
Bellingham,MA 02019

FROM: Franklin Board of Health
Municipal Bldg.150 Emmons St.
Franklin,MA 02038

SUBJECT: Property under your control and ownership located at Nu Style Co. Inc. Grove St., Franklin,MA 02038

INSPECTION DATE: February 23, 1990

VIOLATION SECTIONS: M.G.L. Chapter III,Section 150A
Town of Franklin Board of Health Regulation 89-3
Regulations governing dumpsters - copy enclosed.

If you desire a hearing before the Board of Health, submit a written request for same within five (5) days of receipt of said citation.

ORDERS: It is ordered to remove and dispose of said rubbish/debris legally and submit to the Board of Health in writing a manifest so documenting same within seven (7) days of receipt of said citation. Subject to final inspection and approval by the Franklin Board of Health. Failure to comply, Judicial relief shall be sought.

If there are any questions, please call the Board of Health 528-1948.

William H. Cummings
William H. Cummings, Health Agent
Franklin Board of Health

SIGNED UNDER THE PAINS AND PENALTIES OF PERJURY.

CERTIFIED MAIL, RETURN RECEIPT

WHC/mc

copy -regulation 89-3

Doug Fleurant
P.O. Box 2282
Woonsocket, RI.
02895

= 966-0727 =
Called 3/8/90 left message on phone recorder.

3-14-90
Copy to Fire Chief Molloy.

3/14/90 left message on Recorder

Doug Fleurant Woonsocket RI.
401-769-2030 called. advised re citation.

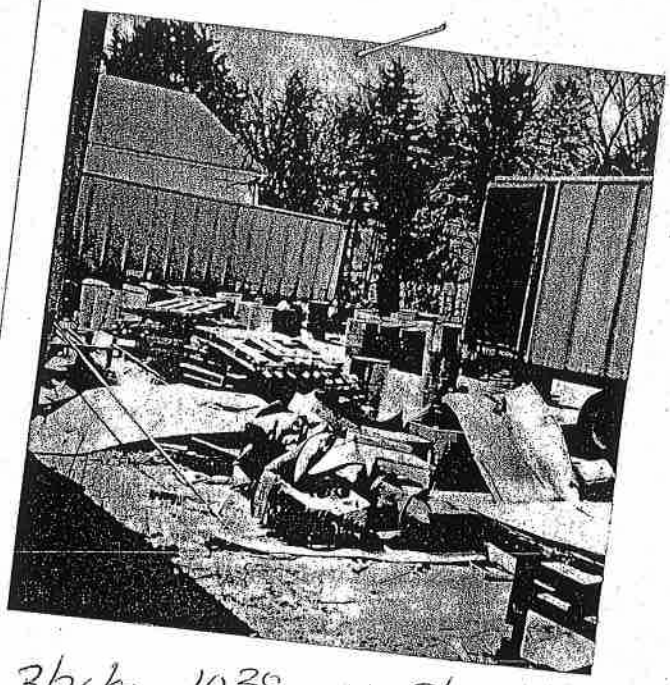
TOWN OF FRANKLIN

BOARD OF HEALTH

Telephone 528-1948

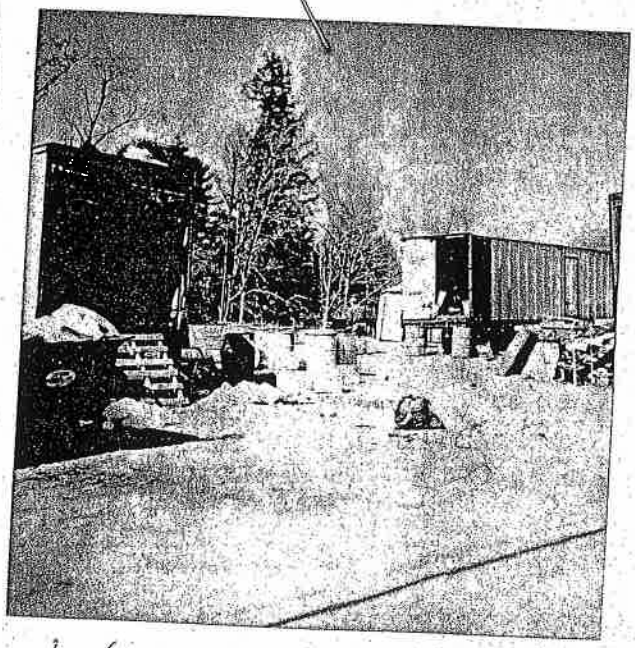
Franklin, Mass. 02038

(6)

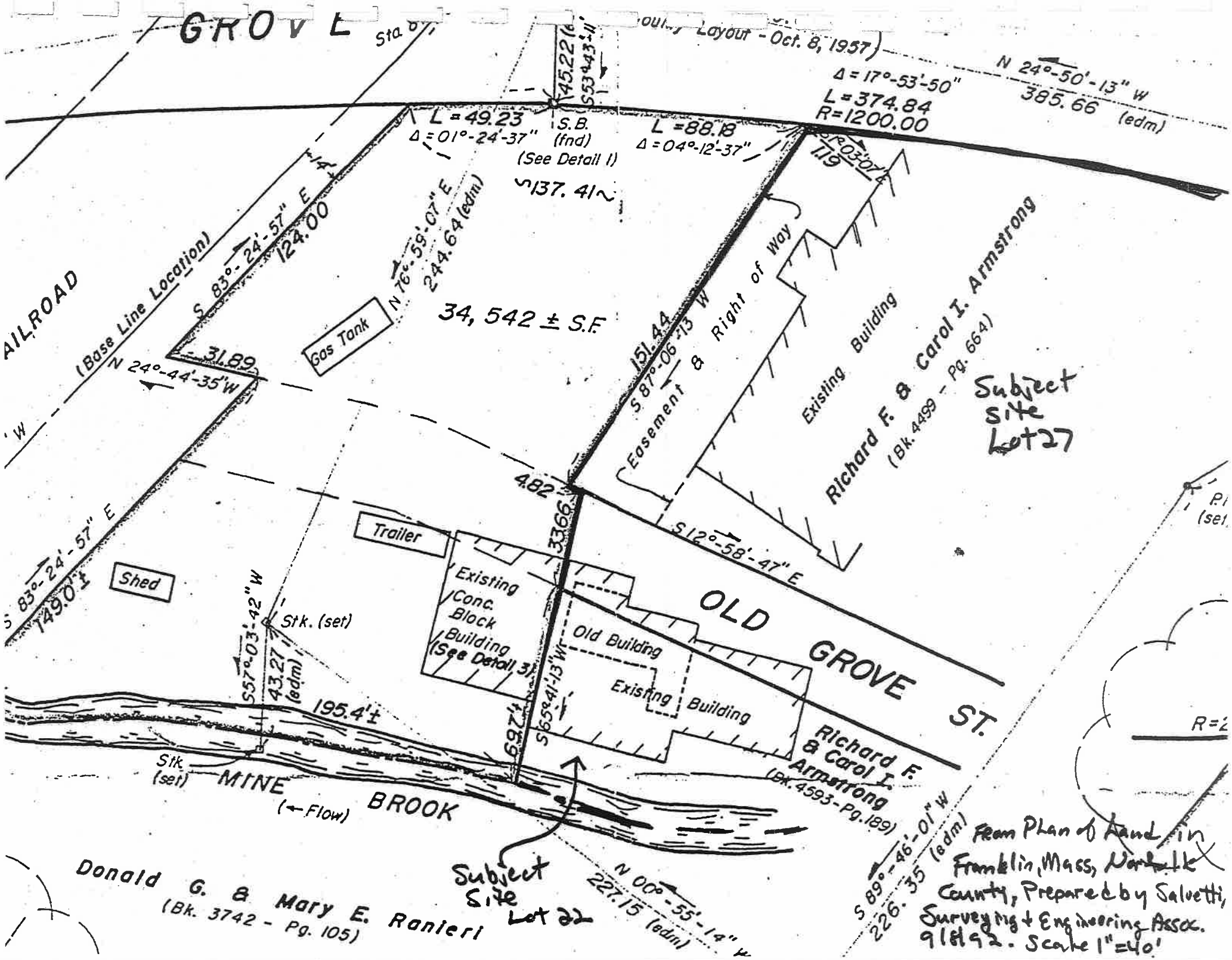


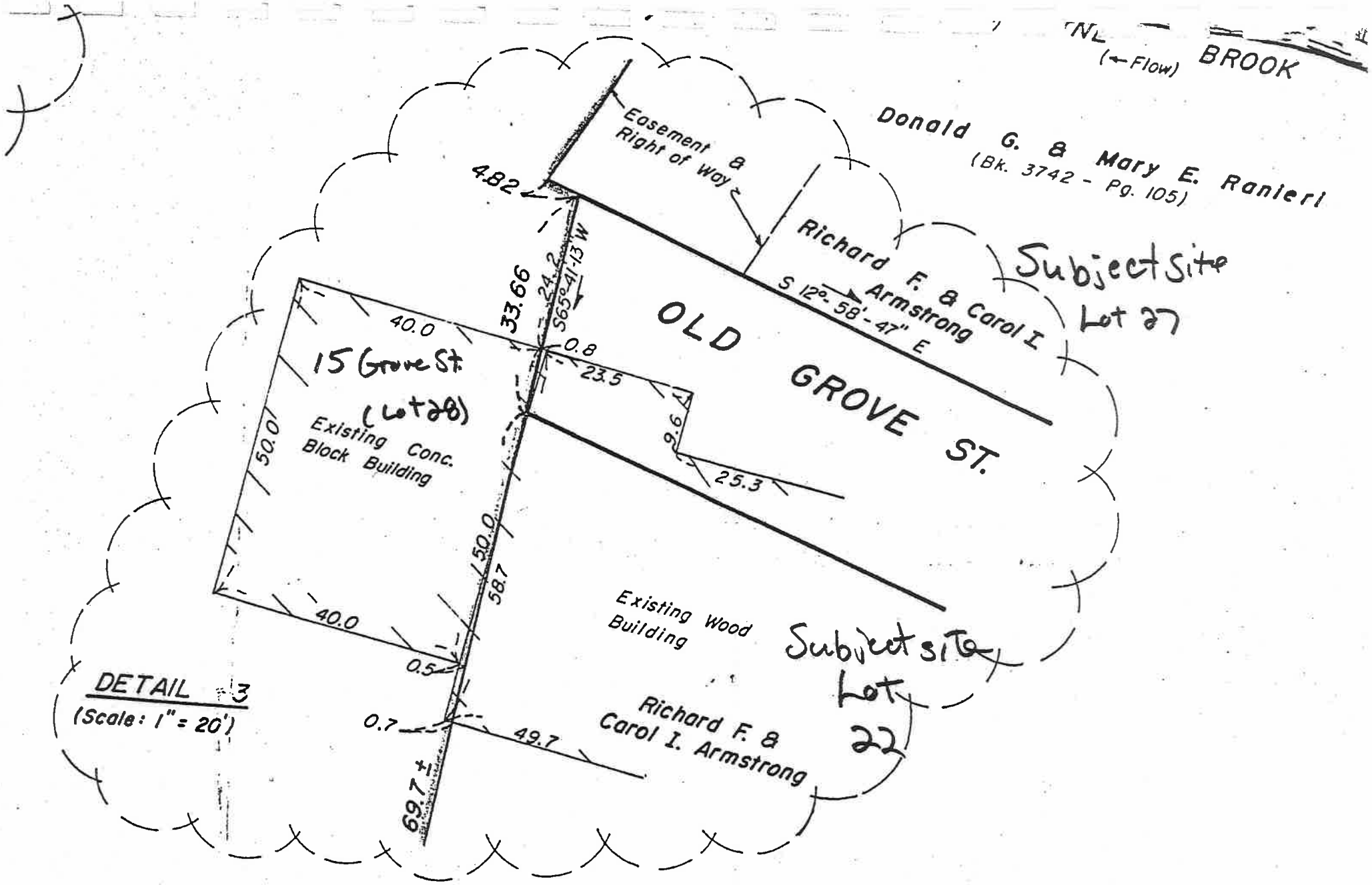
3/26/90 10 30 Am Nu Style Grove St
WH Gunning HA.

3/26/90 10 30 Am. WH Gunning HA.
Nu Style Grove St.



3/26/90 10 30 Am
WH Gunning HA
Nu Style. Grove St.


GROVE
Layout - Oct. 8, 1957
Δ = 17°-53'-50"
L = 374.84
R = 1200.00
N 24°-50'-13" W
385.66 (edm)
L = 49.23
Δ = 01°-24'-37"
S.B. (fnd)
(See Detail 1)
L = 88.18
Δ = 04°-12'-37"
S 53°-43'-11"
45.22
S 137.41
S 03°-07'
1.19
AILROAD
(Base Line Location)
S 83°-24'-57" E
124.00
N 76°-59'-07" E
244.64 (edm)
34,542 ± S.F.
Gas Tank
31.89
N 24°-44'-35" W
151.44
S 87°-06'-13" W
Easement & Right of Way
Existing Building
Richard F. & Carol I. Armstrong
(Bk. 4499 - Pg. 664)
Subject Site Lot 27
4.82
33.66
S 12°-58'-47" E
Trailer
Shed
149.0'±
S 83°-24'-57" E
S 57°-03'-42" W
Stk. (set)
43.27 (edm)
Existing Conc. Block Building (See Detail 3)
Old Building
Existing Building
OLD GROVE ST.
195.4'±
69.7'±
S 65°-41'-13" W
Richard F. & Carol I. Armstrong
(Bk. 4593 - Pg. 189)
Stk (set)
MINE BROOK
(← Flow)
Subject Site Lot 22
N 00°-55'-14" W
227.15 (edm)
S 89°-46'-01" W
226.35 (edm)
Donald G. & Mary E. Ranieri
(Bk. 3742 - Pg. 105)
From Plan of Land in Franklin, Mass, Norfolk County, Prepared by Salvetti, Surveying + Engineering Assoc. 9/8/92. Scale 1" = 40'



PLAN REFERENCES:

- Plan by Schofield E
Dated Nov. 8, 195
L.C. Registration

Town of Franklin
Inspection Department

Building Inspection • Division of Wires • Division of Gas
Division of Plumbing • Sealer of Weights & Measures
355 East Central Street
Franklin, MA 02038-1352

(508) 520-4926
FAX (508) 520-4906
www.Franklin.MA.US

David A. Roche
Building Commissioner

NEW STYLE INSPECTION - THURSDAY, OCTOBER 27, 2005

TO: Jeffrey Nutting

FROM: David A. Roche

DATE: November 3, 2005

RE: NEW STYLE BUILDING
15 GROVE STREET

On Thursday, October 27, 2005, Town staff including three Assessors, the Conservation Agent, the Town Planner and the Building Commissioner conducted a site inspection of the New Style property. Listed below are our combined findings:

1. Exterior Conditions: The building is a three-story block structure, erected with brick, stone and wood as well as wood and steel windows and doors. Roofing consists of asphalt three tab shingles; roll roofing with tar and gravel. Current exterior condition was considered poor with most of the windows broken or missing. Exterior doors are in place but not secured as well as impassable in some areas.

2. Exterior Structures: The building has a number of roof sections attached to the main building. On the right side of the building, a one story loading dock area has collapsed and is leaning against the main building. The rear of the building has a low roof with an exterior stairwell leading to the upper floors; this has also collapsed into the basement mechanical room, which houses the old heating equipment for the building. The foundations that could be observed appear to be intact and given the age of the building, in somewhat reasonable condition. Structurally, the main roofs of the building appear to be intact although there was a significant amount of water on all levels indicating roof leak issues.

3. Interior Conditions: Access to the building is limited due to the fact that stairways are either missing or collapsed. Basement levels of the building appear to house the heating units and/or furnaces, which possibly could have been used in the foundry process. Debris, trash, old shelving partitions and storage rooms are scattered throughout the building. Most of the equipment, if there was any, has

been removed but large fiberglass acid tanks, 55-gallon drums as well as containers are present on all floors. The building consists of 90% post and beam construction with wood floors that are soaked and stained. Ceilings and carrying posts have several layers of chipped and peeling paint and considering the age, the consensus was that it was probably lead paint. Sheetrock covered walls and ceilings within all areas of the building have collapsed and show signs of serious water damage as well as vandalism. Many flooring sections and stairways within the building were impassable due to the collapse of rotted wood. As a result of this inspection, I feel that any restoration or renovation of this building would not be feasible due to severe water damage and constant exposure to the elements.

My recommendation, as Building Commissioner for the Town of Franklin, would be to board up the building in order to prevent further access and advise the Fire Department, in the event of a fire, not to enter the building. Demolition of this building could be in the range of $400-$500,000 based upon size and materials that I have seen in similar buildings. Testing from an abatement company should be done prior to demolition.

Sincerely,

David A. Roche
Building Commissioner
Zoning Officer

TOWN OF FRANKLIN

BOARD OF HEALTH

G. Jackson, *Chairperson*
A. Edge, *V. Chairperson*
Neil F. McGroary, *Member*
William H. Cummings *Agent*

Municipal Building
150 Emmons Street
Franklin, MA 02038
(508) 528-1948

December 21, 1989

I E S, Inc. Environmental Consultants
265 Medford St. Suite 312
Somerville,MA 02143
Attn: Daniel Jaffe

Subject: 21E Environmental Site Assessment
1 Grove Street-Old Forge Hill Road
and Vacant Lot.

Pursuant to your inquiry of December 18, 1989, the records in the Board of Health Office dating back to 1979 contain no documented incidents or complaints concerning hazardous material or oil spills on the properties listed above or the immediate adjacent properties.

If you have any questions, please contact me at (508) 528-1948.

Sincerely yours,

William H. Cummings, Health AGent
Franklin Board of Health

WHC/mc

APPENDIX F

RESPONSES TO QUESTIONNAIRES

FUSS & O'NEILL

PHASE I USER QUESTIONNAIRE

SITE NAME: Nu-Style
SITE ADDRESS: 87 Grove Street, Franklin, MA

Completed By: Jeffrey Nutting, Town Administrator Date: January 17, 2007
(Please Print)

Signature:

Representing: Town of Franklin - Owner Phone No: 508-520-4949

ASTM Questions to Address User Responsibilities:

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfield's Revitalization Act of 2001 (the "*Brownfields Amendments*") the *user* should provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

1) Environmental cleanup liens that are file or recorded against the site (40 CFR 312.25).
Based on the results of a ***chain of title and title restriction*** review, are there any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? The Town has received no notice of any environmental cleanup liens.

2) Activity and land use limitation (AUL) that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26). Based on the results of a ***chain of title and title restriction review***, are there any activity and land use limitations, such as *engineering controls*, *land use restrictions* or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? If yes, explain: Town has not received notice of any activity of land use limitations.

3) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). As the *user* of this *ESA* do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business? If yes, please explain:
Not applicable: present owner is a municipality, which recently acquired title through tax title foreclosure.

4) The relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29). Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property?* If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property?*
Not applicable.

5) Commonly known or *reasonably* ascertainable information about the *property* (40 CFR 312.30).
Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases?
If yes, please answer the following questions:
a) What were the past uses of the *property?*
b) What chemicals are present or once were present at the *property?*
c) What spills or other chemical releases that have taken place at the *property?*
d) Explain any environmental cleanups that have taken place at the *property.*

PHASE I USER QUESTIONNAIRE

a) Past uses include jewelry plating
b) Phase II underway for chemical testing
c) Unknown
d) Unknown

6) The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). As the *user* of this *ESA*, based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?
The use of the property was a former jewelry manufacturer including plating. Phase II is currently underway.

Other Questions:

ASTM Practice 1527-05 also requires that the *user* answer the following questions:

7) As the user of this ESA, are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property? If so, explain:
The Town is not aware of any such litigation.
8) As the user of this ESA, are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property? If yes, explain: The Town is not aware of any administrative proceedings.

9) As the user of this ESA, are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability related to hazardous substances or petroleum products? If yes, explain:
The Town has not received any notices and is not aware of any notices from governmental agencies regarding possible violations of environmental law.

10) We are required to ask you as the user if you have any of the following reports in your possession. Please place an "X" next to each report that is available:

__X___ Environmental site assessment reports (out-of-date – provided by neighboring property owner)

_____ Environmental compliance audit reports

_____ Environmental permits

_____ Underground storage tank notification forms

_____ Registrations for underground injection systems

_____ Material safety data sheets

_____ Community right to know plans

_____ Safety plans, preparedness and prevention plans, spill prevention, countermeasure and control plans

_____ Reports regarding hydrogeologic conditions on the property or surrounding area

_____ Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws

_____ Hazardous waste generator notices or reports

_____ Geotechnical studies

__X___ Risk assessments (out-of-date provided by neighboring property owner)

PHASE I USER QUESTIONNAIRE

_____ Activity and use restrictions

Please provide Fuss & O'Neill with copies of each report or make these reports available for inspection.

FUSS & O'NEILL

Owner / Key Site Manager Questionnaire

Completed By: Jeffrey Nutting, Town Administrator Date: January 17, 2007

Representing: Town of Franklin, Massachusetts Phone Number: 508-520-4949

In accordance with Standard Practice ASTME 1527-05 for Phase 1 Environmental Site Assessments (ESAs), we are required to ask you as the property owner or a person identified as a key site manager, the following questions:

1) Please place an "X" next to each if you have or know of the existence of any of the following reports relating to the site:

- Environmental site assessment reports X*____
- Environmental compliance audit reports _____
- Environmental permits _____
- Underground storage tank notification forms _____
- Registrations for underground injection systems _____
- Material safety data sheets _____
- Community right to know plans _____
- Safety plans, preparedness and prevention plans, spill prevention, countermeasure and control plans _____
- Reports regarding hydrogeologic conditions on the property or surrounding area _____
- Notices or other correspondence form any governmental agency relating to past or current violations of environmental laws _____
- Hazardous waste generators notices or reports _____
- Geotechnical studies _____
- Risk assessments X*____
- Activity and use restrictions _____

*Out-of-date – provided by neighboring property owner
Please provide copies of each report to Fuss & O'Neill prior to or at the time of the site visit. – Town has already provided this information to F&O as of date of this form.

2) Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?

No

3) Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?

No

4) Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability related to hazardous substances or petroleum products at the property?

No

APPENDIX G

SITE PHOTOGRAPHS

Lot 27 building look south.

Lot 27 building looking south (to the right of the photo above).

Bunker area of Lot 27 building looking east.

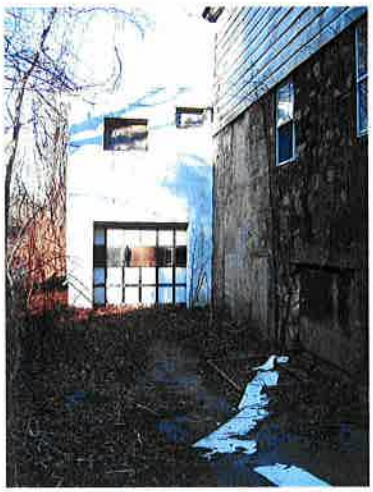
Fill pipes west of Lot 27 building north of bunker area.

Fifty-five gallon drums adjacent to bunker area on Lot 27.

View of building on Lot 27 along Mine Brook looking north.

View of building on Lot 27 looking east (fill pipes in bottom right corner).

View of building on Lot 22 looking west.



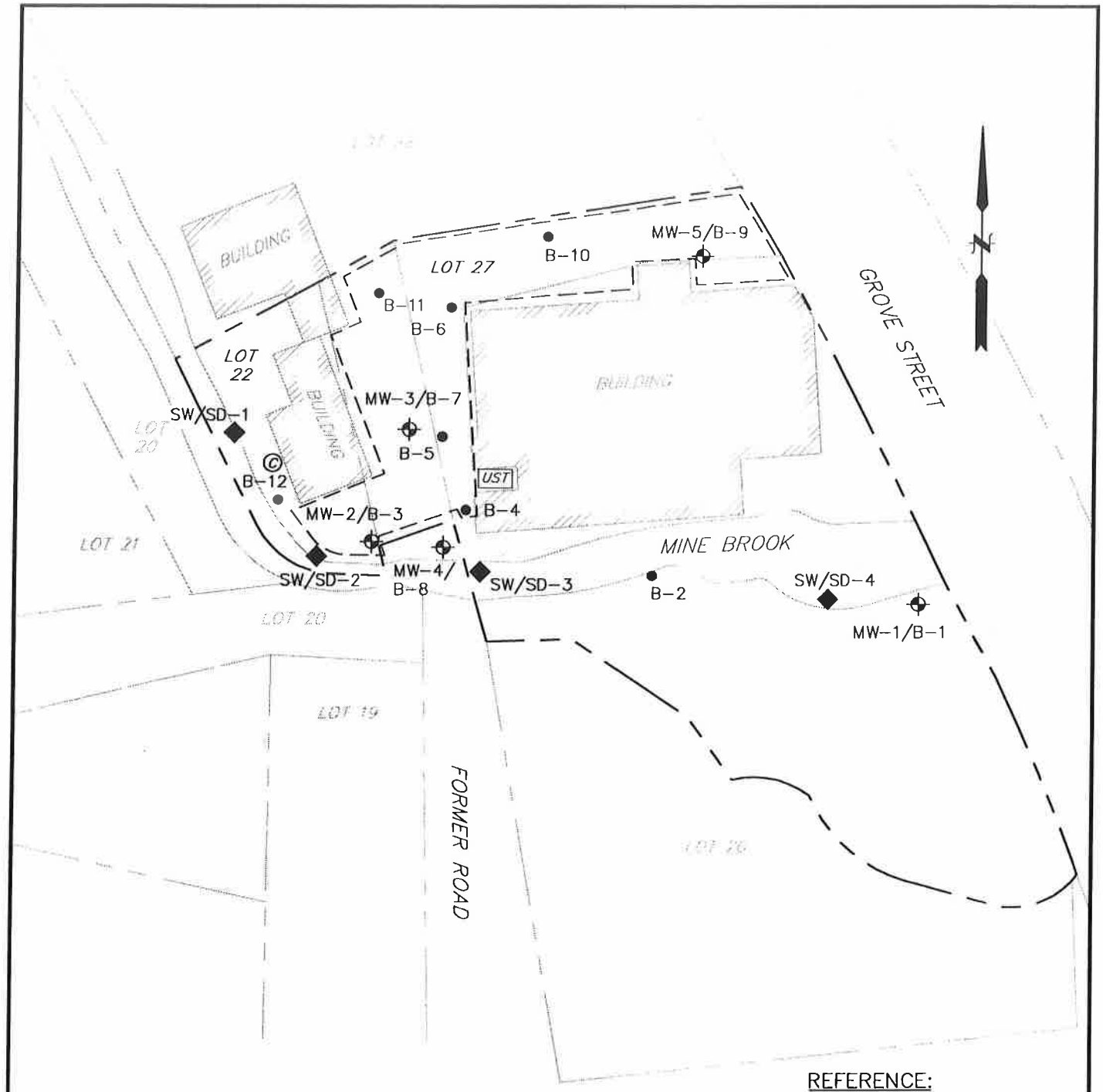
Garage on Lot 22 adjacent to Mine Brook looking north.

Phase II Environmental Site Assessment Report
Former Nu-Style Company, Inc.
87 Grove Street (Lots 22 & 27)
Franklin, MA

September 2007

FUSS & O'NEILL
Disciplines to Deliver

275 Promenade Street, Suite 350
Providence, RI 02908



LEGEND

- APPROXIMATE PROPERTY LINE
- UST — LOCATION OF UST (REMOVED)
- APPROXIMATE GPR SURVEY AREA
- MONITORING WELL
- SOIL BORING
- APPROXIMATE LOCATION OF SURFACE WATER AND SEDIMENT SAMPLE
- c — APPROXIMATE LOCATION OF CONCRETE POTENTIALLY ASSOCIATED WITH A TUNNEL/WATER RUN

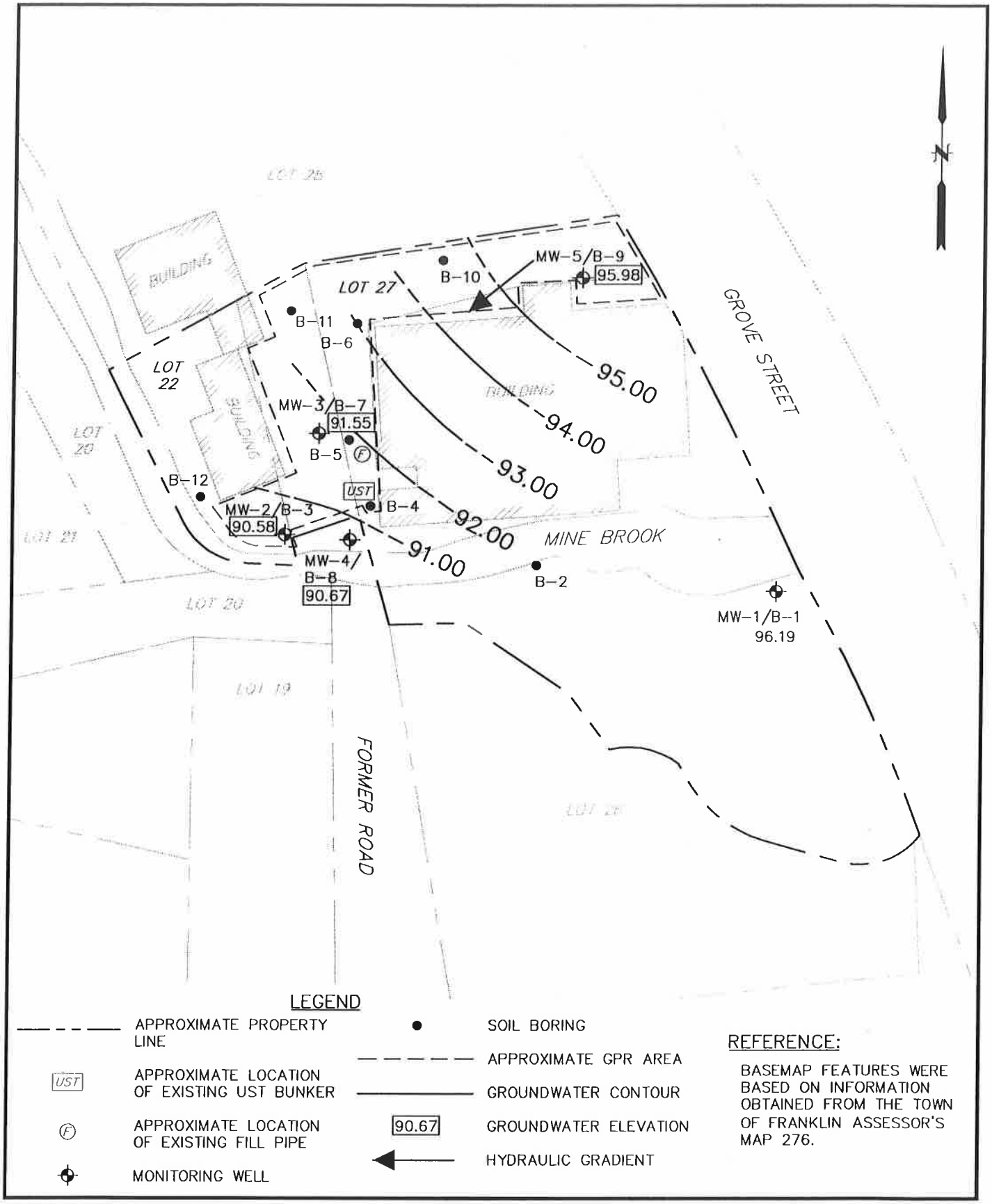
REFERENCE:

BASEMAP FEATURES WERE BASED ON INFORMATION OBTAINED FROM THE TOWN OF FRANKLIN ASSESSOR'S MAP 276.

SCALE: HORZ.: 1" = 60' VERT.: DATUM: HORZ.: VERT.: 0 30 60 GRAPHIC SCALE	WWW.Fand0.COM FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE ST SUITE 350 PROVIDENCE RI 02908 401.861.3070	FORMER NU-STYLE COMPANY INC SITE PLAN 87 GROVE STREET FRANKLIN MASSACHUSETTS	PROJ. No.: 20050458.B10 DATE: OCTOBER 2007 FIGURE 2

File Path: F:\Dwg\P2005\0458\B10\Nu Style\jc_PhaseII_update_050458B10_STP001.dwg, Layout: 08.5x11-P_R21_HP8000 Wed, Oct 03, 2007 - 9:11 AM User: BrianK

UCS: MS VIEW: LVAN: CTB:



LEGEND

- APPROXIMATE PROPERTY LINE
- UST — APPROXIMATE LOCATION OF EXISTING UST BUNKER
- (F) — APPROXIMATE LOCATION OF EXISTING FILL PIPE
- MONITORING WELL
- SOIL BORING
- APPROXIMATE GPR AREA
- GROUNDWATER CONTOUR
- 90.67 — GROUNDWATER ELEVATION
- HYDRAULIC GRADIENT

REFERENCE:

BASEMAP FEATURES WERE BASED ON INFORMATION OBTAINED FROM THE TOWN OF FRANKLIN ASSESSOR'S MAP 276.

SCALE: HORZ.: 1"=60'± VERT.: DATUM: HORZ.: VERT.: 0 30 60 GRAPHIC SCALE	FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE STREET, SUITE 350, PROVIDENCE, RI 02908 401.861.3070 www.FandO.com	FORMER NU-STYLE COMPANY, INC. FACILTIY GROUNDWATER EQUIPOTENTIAL CONTOUR MAP 87 GROVE STREET FRANKLIN MASSACHUSETTS	PROJ. No.: 20050458.B10 DATE: JANUARY 2007 FIGURE 3

File Path: F:\Dwg\P2005\0458\B10\PLAN\050458B10_STP001.dwg, Layout: GW_MAP Mon, Jan 15, 2007 - 8:20 AM User: Susani

UCS:WRLD | MS VIEW:MS1500 | LMAN: | CTB:FO_STANDARD(HALF)

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT
FORMER NU-STYLE COMPANY, INC.
87 GROVE STREET, FRANKLIN, MA

TABLE OF CONTENTS

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT
FORMER NU-STYLE COMPANY, INC.
87 GROVE STREET, FRANKLIN, MA

TABLE OF CONTENTS
(continued)

SECTION PAGE

TABLES END OF REPORT

FIGURES END OF REPORT

APPENDICES END OF REPORT

1.0 INTRODUCTION

1.1 Project Overview and Objectives

The County of Norfolk, Massachusetts (Norfolk County) retained Fuss & O'Neill, Inc. (Fuss & O'Neill) to conduct a Phase II Site Assessment (Phase II) at the former Nu-Style Company, Inc. (the site) located at 87 Grove Street in the Town of Franklin, Massachusetts (the Town). This Phase II was conducted as part of the County Hazardous Materials and Petroleum Brownfield Assessment Programs, funded under two brownfield assessment grants from the United States Environmental Protection Agency (USEPA).

The objective of the Phase II documented herein was to compile environmental information regarding the site through research, inspections, and field investigations. The Phase II scope of work was developed to determine, to the extent possible with the available resources, the absence or presence and, where applicable, the nature and extent of contaminants in environmental media, to facilitate redevelopment planning at the site, and ultimately to return the property to productive use. The Phase II was conducted in accordance with the Quality Assurance Project Plan (QAPP) Revision 1.0 dated October 2006 for soil and groundwater sampling and the QAPP Revision 2.0 dated March 2007 for sediment sampling, surface water sampling, UST removal and soil sampling. This Phase II report has been prepared in accordance with the QAPP Revision 1.0/2.0.

The Phase II Report presents the findings of the investigations performed, the conclusions drawn based on those findings, and recommendations with respect to further evaluations or other response actions that may be conducted at the site.

1.2 Assessment Planning and Approvals

Prior to the initiation of Phase II field activities, Fuss & O'Neill prepared a Quality Assurance Project Plan (QAPP) for review and approval by the United States Environmental Protection Agency (USEPA). The QAPP (Revision 0.0) was submitted to USEPA in September 2006. In October 2006, Fuss & O'Neill submitted responses to USEPA comments and questions regarding the QAPP in the form of a document titled QAPP Revision 1.0. The QAPP (Revision 1.0) was formally approved by USEPA on November 6, 2006. The QAPP (Revision 2.0) was submitted on March 14, 2007 and was formally approved by USEPA on March 20 and 23, 2007. The QAPPs, developed in accordance with the USEPA Brownfields Quality Assurance Project Plan Guidance Document, detailed the field and analytical scope and quality control procedures to be implemented during the Phase II.

2.0 BACKGROUND

2.1 Site Description

The site was located at 87 Grove Street in Franklin, Massachusetts. The site has been identified as the Town of Franklin Tax Assessor's Map 276, Lot 22 and Lot 27. Lot 22 covers an area of approximately 9,929 square feet. Lot 27 adjoins Lot 22 to the east and is

approximately 42,359 square feet in size. The site was acquired via tax title by the Town of Franklin as a result of foreclosure. Details of the site history are presented in the QAPP and Phase I Environmental Site Assessment (Phase I ESA) report, prepared by Fuss & O'Neill in 2006.

A vacant, partially dilapidated two-story building with a footprint of approximately 11,800 square feet is situated on Lot 27, and a vacant one and one-half-story building with a footprint of approximately 4,000 square feet sits on Lot 22. Mine Brook flows westward along the southern side of the Lot 27 building and turns northward to form the western boundary of Lot 22. Mine Brook flows generally northward to the Charles River.

Utilities located on the subject property include a water line located along the right-of-way known as Old Grove Street, and stormwater drainage lines located throughout the property.

Unrestricted access to the subject property was provided via Grove Street and Old Grove Street.

A portion of a United States Geological Survey (USGS) topographic map depicting the location of the site is provided as Figure 1. A site plan, depicting the boundary of the disposal site, is provided as Figure 2.

2.2 Applicable Regulatory Criteria

Under the provisions of 310 CMR 40.0315, a reportable release exists when analyses of soil or groundwater indicate concentrations of oil or hazardous material that exceed applicable Reportable Concentrations. MADEP must be notified of a reportable release within 120 days of the first knowledge that the release meets one or more reportable criteria. Reportable Concentrations applicable to the subject site were determined based on the current and potential future use of the subject site, nearby property use, and groundwater categories applicable to the subject site in accordance with 310 CMR 40.0932.

Reporting category RCS-1 applies to all soil samples obtained from at or within 500 feet of a residential dwelling or residentially-zoned property, school, playground, recreational area or park, or from within the boundaries of a groundwater resource area. Reporting category RCS-2 applies to all soil samples not obtained from category RCS-1 areas.

Residential dwellings were located less than 500 feet east and south of the subject site. Therefore, in accordance with 310 CMR 40.0361, the RCS-1 reporting category was applied to all soil samples obtained on the subject site.

Reporting category RCGW-1 applies to all groundwater samples obtained from within an area defined as a Current Drinking Water Source Area or Potential Drinking Water Source Area. All groundwater samples not obtained from one of these GW-1 areas falls under the RCGW-2 reporting category.

The subject site was not located in a GW-1 area, and therefore, in accordance with 310 CMR 40.0362, the RCGW-2 reporting category was applied to all groundwater samples obtained on the subject site.

2.3 Topography and Geology

The topography of the site was generally flat, except at the banks of Mine Brook, where the topography dropped steeply to the river bed (USGS, 1987). The regional topography was hilly and generally drained to Mine Brook.

Surficial material at the site was mapped as loamy udorthents, which generally consist of moderately coarse-grained, deep and moderately deep, fairly well-drained soils (USDA, 2006). Fill described as sand, gravel, silt, and, in some cases, wood and brick was observed to depths of up to 12 feet during drilling conducted on the site as part of the Phase II documented herein.

Bedrock beneath the site was mapped as the grayish-pink to greenish-gray, equigranular to slightly porphyritic Dedham Granite (Hermes et al., 1994). Bedrock was not encountered during drilling and was not visible on or in the immediate vicinity of the site.

2.4 Previous Environmental Investigations

2.4.1 IES Site Investigation Activities

Portions of two reports prepared by IES, Inc. (IES) summarizing environmental investigations previously conducted on the subject property and on the parcel adjacent to the south were reviewed. The results of the investigations documented in these reports are discussed below.

January 1990

In January 1990, IES completed a report of a Chapter 21E Site Evaluation of 87 Grove Street for Home National bank of Milford, Massachusetts. Portions of the report were available for review at the Franklin Health Department.

The IES investigation included the drilling of soil borings and the collection and analyses of soil and groundwater samples on the subject property and on the parcel adjacent to the south of Lot 27 (Lot 26). Note that the map and parcel numbers have changed since the IES investigation, as summarized in the table below.

Previous		Current		Comments
Map	Lot	Map	Lot	
72	5	276	22	Site
72	6	276	27	Site
72	7	276	26	Adjacent south

IES collected soil and/or groundwater samples from five borings (B-1 through B-5) drilled on the three parcels. A figure provided by IES shows the approximate boring locations; however because the figure is schematic and is not to scale, the precise boring locations could not be determined.

Two of the borings (B-1 and B-2) were drilled adjacent to underground storage tanks located on Lot 26. Borings B-3 and B-5 were situated on the north side of the Lot 27 building, and boring B-4 was advanced in the exterior "barrel area" north of the Lot 22 garage. Field screening indicated the presence of trace concentrations of volatile organic compounds (VOCs) in the soil at borings B-4 and B-5; therefore, soil from the two borings from a depth of approximately five feet below grade was composited into one sample, which was analyzed for VOCs. No VOCs were detected. Groundwater was not encountered at these two boring locations.

Groundwater samples collected from B-1 and B-2 were also analyzed for VOCs, which were not detected. No information regarding sample analysis for soil or groundwater collected from B-3 was reported; therefore, we infer that no samples were analyzed because field screening did not indicate the presence of VOCs.

IES concluded that no releases of hazardous materials or petroleum products had occurred at the subject property; however, it is Fuss & O'Neill's opinion that the IES investigation was not adequate to definitively rule out releases on the subject property.

July 1991

In July 1991, IES collected soil samples from four additional borings (B-1A through B-4A) to assess whether releases associated with underground storage tanks had occurred. As with the 1990 investigation, only portions of the July 1991 report were available for review at the Franklin Health Department. A copy of the report was also available at the Franklin Fire Department, but copies could not be made. A figure depicting the boring locations was not included with the report.

Soils generally consisted of fill containing loam, sand, gravel, and, in some cases, brick and cinders. Fill materials were observed to depths of up to 8.5 feet below grade. Deeper soils consisted of very dense, fine-grained sand, silt, and gravel. Groundwater was encountered at depths of approximately 8.5 to 9 feet. Monitoring wells were installed within the borings to allow for the collection of groundwater samples.

IES identified releases of chlorinated solvents to soil and groundwater at boring location B-4A, which was situated downgradient of USTs at the site and north of Mine Brook. Based on the apparent vertical distribution of VOCs in soil, IES inferred that the presence of VOCs was the result of a surface release.

2.4.2 Phase I ESA Report, May 2006

A Phase I ESA report, prepared by Fuss & O'Neill in May 2006, identified the following recognized environmental conditions (RECs) at the site:

- The site has a long history (at least 90 years) of manufacturing, including textiles and jewelry. Materials used and stored at the site associated with jewelry manufacturing include cyanides, metals, chlorinated solvents, and petroleum products. Additional substances associated with textile manufacturing were also likely used. There is the potential for surface releases to have occurred associated with the use and storage of

these materials. Files indicate that numerous drums of hazardous waste and petroleum products were situated outside of the site buildings.

- At least one underground storage tank appears to be present on the western side of the Lot 27 building. In addition, a heating oil tank reportedly exists in an underground bunker on the same side of the building. As with any underground tank, there is the potential for releases to have occurred associated with leaks or spills.

- A small tunnel containing slow-flowing water is present beneath the Lot 22 building. A review of mapping on file at the Town Building Department suggests that the tunnel runs, or ran in the past, from Mine Brook and beneath the Lot 27 building to the Lot 22 building. There is the potential that the tunnel was used by the former woolen mill for direct waste disposal to Mine Brook prior to the realignment of the brook in the 1960s.

- Releases of chlorinated solvents to soil and groundwater were identified on Lot 26, which abuts the site to the south. Due to the proximity of this property to the site, there is the potential for releases that occur on this property to adversely affect groundwater quality at the site. Note that this property was owned and occupied by the same entities that owned and operated the facilities at the site; therefore, there is the potential that similar releases have occurred at the site.

- The southern portion of the site contained a pond that was filled circa 1960. The fill appears to have been placed by a municipality. The nature and origin of the fill are not known.

2.4.3 Phase I ESA Report, January 2007

A Phase I ESA report was prepared by Fuss & O'Neill in accordance with ASTM E1527-05 dated January 2007. The January Phase I ESA report identified the same RECs that were noted in May 2006, summarized above.

3.0 PHASE II ACTIVITIES

Based on the results of the Phase I ESA, a Phase II scope of work was developed to assess the potential presence of Oil or Hazardous Material (OHM) in environmental media at the site, and to determine if a Reportable Condition pursuant to 310 CMR 40.0360 existed at the site. The Phase II scope of work for soil and groundwater was implemented in accordance with the approved QAPP (Revision 1.0). The scope of work for sediment sampling, surface water sampling, UST removal and soil sampling was implemented in accordance with the approved QAPP (Revision 2.0).

3.1 Field Investigation Activities

3.1.1 Ground Penetrating Radar Survey

In accordance with the QAPP (Revision 1.0), a ground penetrating radar (GPR) survey was conducted at the site on November 1, 2006. The GPR survey was conducted to evaluate the potential presence of suspected USTs on the subject property.

The following three anomalies indicative of potential USTs were reported in the areas surveyed at the site:

- One anomaly was identified beneath a raised concrete pad located off the southwest corner of the building on Lot 27.
- One anomaly was identified off the northern edge of the Lot 27 building, northeast of the loading dock.
- One anomaly was identified off the northern edge of the Lot 27 building. The anomaly was elongated parallel to the northern edge of the loading dock, and extended past the western end of the loading dock.

The GPR survey was not conducted in portions of the northern end of Lot 26 due to the presence of parked vehicles. In addition, areas immediately adjacent to the buildings that were overgrown with vegetation or filled with debris could not be surveyed.

3.1.2 Soil Sampling

In accordance with the QAPP (Revision 1.0), a soil sampling program was conducted at the site on November 30, 2006 and December 1, 2006. Twelve soil borings (B-1 through B-12) were advanced throughout the site utilizing direct-push drilling methods. Borings were advanced to a depth of up to 12 feet below grade. Refer to Figure 2 for a map of soil boring locations.

Two soil samples were collected from boring B-1 through B-11; one sample was collected from the 0 to 2 foot depth interval and one sample was collected from vadose zone soil directly above the water table. Due to a lack of adequate soil recovery at depth, one soil sample was collected from the 0 to 2 foot depth interval of boring B-12.

Twenty-four soil samples, including one field duplicate, were submitted to Premier Laboratory, LLC in Dayville, Connecticut for analysis of volatile organic compounds (VOCs) by EPA Method 8260B, priority pollutant metals plus barium by EPA Methods 6010B and 7471, cyanide by EPA Method 9012, polychlorinated biphenyls (PCBs) by EPA Method 8082, and petroleum hydrocarbons by Massachusetts Department of Environmental Protection (MADEP) Methods Extractable Petroleum Hydrocarbons (EPH) and Volatile Petroleum Hydrocarbons (VPH). One aqueous trip blank was also submitted each day for analysis of VOCs by EPA Method 8260B. Dedicated sampling equipment was employed; therefore, no equipment blank was evaluated.

Soil boring logs, depicting sample recovery amounts, material descriptions, graphic logs, soil codes, and PID soil screening results are attached in Appendix A.

3.1.3 Sediment Sampling

In accordance with the QAPP (Revision 2.0), a sediment sampling program was conducted at the site on April 26, 2007. Four sediment samples (SD-1 through SD-4) were collected from the banks of Mine Brook. Refer to Figure 2 for a map of sediment sample locations.

Five sediment samples, including one field duplicate collected from SD-3, were submitted to Premier for analysis of PP-13 metals plus barium (US EPA Methods 6010B/7471), petroleum hydrocarbons (MADEP EPH and VPH Methods), VOCs (EPA Method 8260B), PCBs (EPA Method 8082), and cyanide (EPA Method 9012). One aqueous trip blank was also submitted for analysis of VOCs by EPA Method 8260B. A non-dedicated plastic scoop was used to collect all sediment samples; therefore, an equipment blank was also submitted to the laboratory for analysis of total metals (US EPA Methods 6010B/7471), petroleum hydrocarbons (MADEP EPH and VPH Methods), VOCs (EPA Method 8260B), PCBs (EPA Method 8082), and cyanide (EPA Method 9012).

3.1.4 Monitoring Well Installation and Development

In accordance with the QAPP (Revision 1.0), groundwater monitoring wells were installed in five of the soil borings advanced at the site. The locations of the monitoring wells are depicted on Figure 2. Detailed monitoring well completion reports are included in Appendix A.

In accordance with the QAPP (Revision 1.0), Fuss & O'Neill surveyed the relative elevations of the newly installed monitoring wells at the site on December 4, 2006. The survey was conducted relative to an assumed arbitrary vertical datum to evaluate the relative elevation and hydraulic gradient of shallow groundwater beneath the site.

In accordance with the QAPP (Revision 1.0), Fuss & O'Neill developed the newly installed monitoring wells at the site on December 4 and 6, 2006. Development procedures included the repeated purging and surging of groundwater in the wells to remove fine particles and to improve hydraulic communication between the sand filter pack and surrounding soil formation. Low recovery volumes and slow recharge were observed at wells MW-3 and MW-5.

3.1.5 Low Flow Groundwater Sampling

On December 8, 2006, Fuss & O'Neill collected six groundwater samples, including one duplicate sample, from newly installed monitoring wells at the site. Groundwater samples were collected from monitoring wells MW-1, MW-2 and MW-4 utilizing low-flow sampling techniques, in accordance with the QAPP (Revision 1.0). These techniques included the following:

- A peristaltic pump with dedicated, disposable tubing was utilized to purge groundwater from each well.

- During purging, field parameters including groundwater pH, temperature, and specific conductivity were measured with a multi-meter.

- A groundwater sample was collected when field parameters stabilized to within limits specified in Fuss & O'Neill's Standard Operating Procedures (SOPs).

Low water volume and slow recharge at wells MW-3 and MW-5 prevented the utilization of low-flow field parameter monitoring techniques. Instead, groundwater samples were collected at low flow rates following limited purging of MW-3, and without significant purging at MW-5.

Groundwater samples were submitted to Premier Laboratory for analysis for priority pollutant 13 (PP-13) metals, barium, VOCs, and petroleum hydrocarbons (MADEP EPH and VPH Methods).

One of the groundwater samples collected during this assessment was a duplicate sample collected from monitoring well MW-1, and submitted to the laboratory for analysis of VOCs for quality control purposes. One trip blank was also collected and submitted to Premier Laboratory for analysis of VOCs.

3.1.6 Surface Water Sampling

In accordance with the QAPP (Revision 2.0), a surface water sampling program was conducted at the site on April 26, 2007. Four surface water samples were collected at identical locations as the sediment samples from Mine Brook. Refer to Figure 2 for a map of surface water sample locations.

Five surface water samples, including one field duplicate collected from SW-3, were submitted to Premier for analysis of PP-13 metals plus barium (EPA Method 6010B/7471), VOCs, and petroleum hydrocarbons (MADEP EPH and VPH Methods). One aqueous trip blank was also submitted for analysis of VOCs by EPA Method 8260B.

3.1.7 Underground Storage Tank Removal

In accordance with the QAPP (Revision 2.0), a 5,000-gallon # 2 heating oil underground storage tank (UST) was removed from the site on May 1 and 2, 2007. Closure activities were completed by TMC Services, Inc. (TMC) of Bellingham, Massachusetts and observed by Fuss & O'Neill. Six confirmation samples were collected from the limits of the excavation. Refer to Figure 2 of Appendix B for a map of sample locations.

Six confirmatory soil samples were submitted to Premier for analysis of PP-13 metals (EPA Method 6010B/7471), VOCs, and petroleum hydrocarbons (MADEP EPH and VPH Methods).

4.0 INVESTIGATION RESULTS

4.1 Soil PID Field Screening Results

During soil boring advancement, soil samples were collected throughout the soil column at each boring location for field screening for the presence of total VOCs with a photoionization detector (PID). Field screening results indicated that total VOCs were not detected in any soil samples. Field screening results are included in soil boring logs attached as Appendix A.

4.2 Soil Analytical Laboratory Results

A summary of soil analytical data is included in Table 1. The complete Premier Laboratory analytical data packages and associated data verification narratives and certifications for each laboratory report are attached in Appendix C.

Laboratory analytical results of soil samples collected from on-site soil borings documented the presence of the following analytes in soil at concentrations above laboratory reporting limits:

Metals (Method 6010)	**VOCs** (Method 8260)	**PAHs** (MADEP EPH Method)
Antimony	Naphthalene	2-Methylnaphthalene
Arsenic	Toluene	Acenaphthene
Barium	M/P-xylenes	Acenaphthylene
Beryllium	Acetone	Anthracene
Cadmium	Tetrachloroethene (PCE)	Benzo(a)anthracene
Chromium	Trichloroethene (TCE)	Benzo(a)pyrene
Copper		Benzo(b)fluoranthene
Lead		Benzo(k)fluoranthene
Nickel		Chrysene
Selenium		Fluoranthene
Silver		Fluorene
Thallium		Indeno(1,2,3-cd)pyrene
Zinc		Phenanthrene
Mercury (Method 7471)		Pyrene

4.3 Sediment Analytical Laboratory Results

A summary of soil analytical data is included in Table 2. The complete Premier Laboratory analytical data packages and associated data verification narratives and certifications for each laboratory report are attached in Appendix C.

Laboratory analytical results of sediment samples collected from Mine Brook documented the presence of the following analytes in sediment at concentrations above laboratory reporting limits:

Metals (Method 6010)	**VOCs** (Method 8260)	**PAHs** (MADEP EPH Method)
Arsenic	Acetone	Acenaphthylene
Barium	Tetrachloroethene (PCE)	Anthracene
Beryllium	Trichloroethene (TCE)	Benzo(a)anthracene
Cadmium		Benzo(b)fluoranthene
Chromium		Benzo(k)fluoranthene
Copper		Fluoranthene
Lead		Phenanthrene
Nickel		Pyrene
Thallium		
Zinc		

4.4 Groundwater Analytical Results

A summary of groundwater analytical data is included in Table 3. The complete Premier Laboratory analytical data packages and associated data verification narratives and certifications for each laboratory report are attached in Appendix C.

Laboratory analytical results of groundwater samples collected from on-site monitoring wells documented the presence of the following analytes in groundwater at concentrations above laboratory reporting limits:

Metals (Method 6010)	**VOCs** (Method 8260)
Barium	Methyl tert butyl ether (MTBE)
Beryllium	cis-1,2-Dichloroethene
Cadmium	Tetrachloroethene
Chromium	1,1,1-trichloroethane
Copper	Trichloroethene
Lead	
Nickel	
Zinc	

4.5 Surface Water Analytical Laboratory Results

A summary of surface water analytical data is included in Table 4. The complete Premier Laboratory analytical data packages and associated data verification narratives and certifications for each laboratory report are attached in Appendix C.

Laboratory analytical results of surface water samples collected from Mine Brook documented the presence of the following analytes in surface water at concentrations above laboratory reporting limits:

Metals (Method 6010)	**VPH** (MADEP Method)
Barium	Methyl tert butyl ether (MTBE)
Copper	
Lead	
Zinc	

4.6 UST Confirmatory Sample Analytical Laboratory Results

A summary of UST comfirmatory sampling data is included in Appendix B. The complete Premier Laboratory analytical data packages and associated data verification narratives and certifications for each laboratory report are attached in Appendix C.

Laboratory analytical results of confirmatory soil samples collected from limits of the tank grave documented the presence of the following analytes in soil at concentrations above laboratory reporting limits:

Metals (Method 6010)	**VOCs** (Method 8260)	**EPH** (MADEP Method)
Arsenic	Acetone	C9-C18 Aliphatics
Barium	Tetrachloroethene	C19-C36 Aliphatics
Beryllium	1,1,1-trichloroethane	C11-C22 Aromatics
Cadmium	Trichloroethene	Acenaphthylene
Chromium		Anthracene
Copper		Benzo[a]anthracene
Lead		Benzo[a]pyrene
Nickel		Benzo[b]fluoranthene
Zinc		Benzo[k]fluoranthene
		Fluoranthene
		Fluorene
		Indeno[1,2,3-cd]pyrene
		Phenanthrene
		Pyrene

4.7 Surficial and Subsurface Soil Characterization

In general, the soil within soil borings advanced at the site was observed to consist of mainly fine to medium sand, with varying proportions of gravel and silt. Apparent fill material containing wood, brick, coal and/or coal ash was observed in soil borings advanced throughout the site, and was concentrated in the upper five feet of soil.

Two soil horizons consisting predominately of silt were encountered in soil boring MW-05. The upper silty horizon had a minimum thickness of four feet, and occurred in the 5-10 foot depth interval. The lower silty horizon occurred in the 10-12 foot depth interval, had a minimum thickness of 0.8 feet, and may have extended beyond the maximum boring depth.

5.0 EVALUATION OF ANALYTICAL RESULTS

5.1 Data Verification

Procedures and methodologies for the collection and analyses of soil and groundwater samples were performed consistent with the QAPP and the MCP (310 CMR 40.0017). Analytical data were developed and reviewed in accordance with the MADEP's *Compendium of Quality Assurance and Quality Control Requirements and Performance Standards for Selected Analytical Methods* (the CAM).

Fuss & O'Neill conducted modified Tier I data verification of the field and analytical data resulting from the assessment documented herein. Modified Tier I verification narratives and certifications, signed by the Fuss & O'Neill Quality Assurance/Quality Control Officer, as well as modified Tier I completeness and verification checklists are attached to each Premier Laboratory report in Appendix C.

Presumptive Certainty was obtained for each data set collected as part of the Phase II investigation. Documentation was provided by Premier Laboratory along with narrative summaries (Appendix C).

With the exception of ethylene dibromide and 1,1,2,2-tetrachloroethene, reporting limits were generally low enough to allow for direct comparison to the applicable criteria (RCS-1 and RCGW-2). Limitations of the instrumentation and sample matrices prevent the laboratory from being able to attain a reporting limit of 5 mg/Kg for ethylene dibromide and 1,1,2,2-tetrachloroethene for all samples. Other volatile organic compounds (VOCs) and extractable petroleum hydrocarbon (EPH) target compounds are reported with elevated reporting limits due to dilutions required for quantification of detected compounds. The usability of the data is not anticipated to be affected by these issues.

5.2 Soil

Soil analytical data are summarized in Table 1. In accordance with 310 CMR 40.0361, the RCS-1 reporting categories and the MCP Method 1 S-1 and S-3 Standard Application for GW-2 and GW-3 areas were applied to all soil samples obtained on the subject site.

Tetrachloroethene and trichloroethene were detected at levels in excess of the RCS-1 criteria in soil samples collected from the 0-5 and 5-10 depth intervals of boring B-04, located near the UST area of the site, north of Mine Brook. These same compounds were detected in the 0-5 foot depth-interval samples collected from B-06 and B-10. These results suggest that the maximum vertical extent of tetrachloroethene and trichloroethene in soil at the site may be limited to the upper five feet of soil on the northern end of the site, but may extend to a depth of at least 10 feet below grade in the area downgradient of the UST area, proximal to the northern bank of Mine Brook.

Laboratory analysis of soil samples collected from the 0-5 and 5-10 foot depth intervals of borings B-04, MW-05, and B-10 documented the presence of beryllium, lead and/or nickel at levels in excess of the RCS-1 criteria. Laboratory analysis of a shallow soil sample collected from the 0-5 foot depth interval of boring B-12 documented the presence of nickel, lead, and/or beryllium at levels in excess of the RCS-1 criteria. As previously noted, due to poor soil recovery during boring operations, a deeper soil sample could not be collected from boring B-12.

Laboratory analysis of a soil sample collected from the 0-5 foot depth interval of boring MW-03 documented the presence of the polycylic aromatic hydrocarbons (PAHs) benzo(a)pyrene and fluorene at levels in excess of the RCS-1 criteria. In addition, benzo(a)pyrene was detected at levels in excess of the RCS-1 criteria in a soil sample collected from the 0-5 foot depth interval of boring B-10.

5.3 Sediment

A summary of sediment analytical results is included as Table 2. The threshold effects concentrations (TEC) criteria and the RCS-1 reporting category were compared to all sediment sample analytical data obtained on the subject site.

Laboratory analytical results of sediments samples collected from Mine Brook documented the presence of acenaphthylene, anthracene, fluoranthene, phenanthrene, pyrene from SD-01 at levels in excess of the TEC criteria. No samples exceeded the RCS-1 criteria.

5.4 Groundwater

A summary of groundwater analytical results is included as Table 3. In accordance with 310 CMR 40.0362, the RCGW-2 and the MCP Method 1 Groundwater Standard Application for GW-2 and GW-3 areas reporting categories were applied to all groundwater samples obtained on the subject site.

Laboratory analytical results of groundwater samples collected from on-site monitoring wells documented the presence of lead (wells MW-1, MW-3 and MW-5), tetrachloroethene (wells MW-3 and MW-4) and trichloroethene (wells MW-3 and MW-4) at levels in excess of the RCGW-2 criteria.

5.5 Surface Water

A summary of surface water analytical results is included as Table 4. The TEC criteria were applied to all surface water samples obtained on the subject site.

Laboratory analytical results of surface water samples collected from Mine Brook did not documented the presence any compounds at levels in excess of the TEC criteria.

5.6 UST Confirmatory Soil Samples

A summary of confirmatory UST soil analytical results is included in Appendix B. In accordance with 310 CMR 40.0361, the RCS-1 reporting category and the MCP Method 1 Standard Application for S-1, S-2, and S-3 for GW-1, GW-2, and GW-3 areas were applied to all confirmatory soil samples obtained on the subject site.

Laboratory analytical results of soil samples collected from the limits of the tank grave did not document the presence any compounds at levels in excess of the any of the applicable criteria.

6.0 CONCLUSIONS

6.1 Soil

A comparison of the soil analytical results, documented herein, to the RCS-1 criteria indicated that pursuant to the MCP (310 CMR 40.0361) a reportable condition existed with regard to soil at the subject site.

Laboratory analytical results of soil samples collected from soil borings advanced on-site documented the presence of the following target analytes at concentrations in excess of one or more criteria:

- Metals: beryllium, lead and nickel
- Volatile Organic Compounds: PCE and TCE
- Polynuclear Aromatic Hydrocarbon Compounds: benzo(a)pyrene and fluorine

6.2 Sediment

A comparison of the sediment analytical results, documented herein, to the TEC criteria and the RCS-1 reporting category indicated that acenaphthylene, anthracene, fluoranthene, phenanthrene, pyrene were detected at concentrations in excess of the TEC criteria. Samples did not exceed the RCS-1 criteria.

6.3 Groundwater

A comparison of the groundwater analytical results, documented herein, to the RCGW-2 criteria indicated that pursuant to the MCP, 310 CMR 40.0362, a reportable condition existed with regard to groundwater at the subject site.

Laboratory analytical results of groundwater samples collected from on-site monitoring wells documented the presence of the following target analytes at concentrations in excess of one or more criteria:

- Metals: lead
- Volatile Organic Compounds: PCE and TCE

6.4 Surface Water

A comparison of the surface water analytical results, documented herein, to the TEC criteria indicated that no samples documented concentrations of analytes that exceeded the reference criteria.

6.5 UST Closure

A comparison of the confirmatory soil analytical results, documented herein, to the MADEP regulatory and reporting criteria indicated that no documented samples exceeded the regulatory criteria.

7.0 RECOMMENDATIONS

Based upon the results of this assessment, the following response actions are recommended:

- Following the completion of the data validation process, on January 16, 2007 representatives of the Town of Franklin were informed of the presence of levels of metals, PAH compounds, trichloroethene and tetrachloroethene at reportable concentrations.

  On May 10, 2007 a release notification form was received by the MADEP. MADEP assigned release tracking number (RTN) 2-16694 to the site.

- Further assessment of soil, groundwater, and sediment is recommended to support MCP-related response actions. We recommend that further site characterization be designed to evaluate risks posed by compounds of concern in environmental media and to prepare remediation plans in support of potential site redevelopment.

8.0 REFERENCES

American Society for Testing and Materials, 2005, Standard Practice for Environmental Site Assessments; Phase I Environmental Site Assessment Process: ASTM Practice E 1527-05.

Fuss & O'Neill, 2006. Phase I Environmental Site Assessment, Former Nu-Style Company, Inc. Facility, 87 Grove Street (Lots 22 & 27), Franklin, Massachusetts, May 2006.

Fuss & O'Neill, 2006. Quality Assurance Project Plan, Phase II Site Assessment, Former Nu-Style Company, Inc. Facility, RFA# 07011, October 2006.

IES, Inc., 1990. Chapter 21-E Site Evaluation, 87 Grove Street, Franklin, MA. January 17, 1990.

IES, Inc., 1991. Test Borings and Analysis, 87 Grove Street, Franklin, MA. July 24, 1991.

MADEP, 2006. Massachusetts Contingency Plan, 310 CMR 40.0000.

USDA, 2006. United States Department of Agriculture, Natural Resources Conservation Services Soil Survey Geographic (SSURGO) Data Base, updated 2006.

United States Geological Survey, 1987, Franklin, Massachusetts-Rhode Island Quadrangle, 7.5 x 15-Minute Series Topographic Map; United States Department of the Interior, U.S. Geological Survey.

Zen, E-an; 1983, Bedrock Geologic Map of Massachusetts; United State Department of the Interior, U.S. Geological Survey, in cooperation with the Commonwealth of Massachusetts Department of Public Works and Joseph A. Sinnot, State Geologist.

9.0 LIMITATIONS OF WORK PRODUCT

Those who may use or rely upon the report and the services (hereafter "work product") performed by Fuss & O'Neill, Inc. and/or its subsidiaries or independent professional associates, subconsultants and subcontractors (collectively the "Consultant") expressly accept the work product upon the following specific conditions.

1. Consultant represents that it prepared the work product in accordance with the professional and industry standards prevailing at the time such services were rendered.

2. The work product may contain information that is time sensitive. The work product was prepared by Consultant subject to the particular scope limitations, budgetary and time constraints and business objectives of the Client which are detailed therein or in the contract between Consultant and Client. Changes in use, tenants, work practices, storage, Federal, state or local laws, rules or regulations may affect the work product.

3. The observations described and upon which the work product was based were made under the conditions stated therein. Any conclusions presented in the work product were based solely upon the services described therein, and not on scientific or engineering tasks or procedures beyond the scope of described services.

4. In preparing its work product, Consultant may have relied on certain information provided by state and local officials and information and representations made by other parties referenced therein, and on information contained in the files of state and/or local agencies made available at the time of the project. To the extent that such files which may affect the conclusions of the work product are missing, incomplete, inaccurate or not provided, Consultant is not responsible. Although there may have been some degree of overlap in the information provided by these various sources, Consultant did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this project. Consultant assumes no responsibility or liability to discover or determine any defects in such information which could result in failure to identify contamination or other defect in, at or near the site. Unless specifically stated in the work product, Consultant assumes no responsibility or liability for the accuracy of drawings and reports obtained, received or reviewed.

5. If the purpose of this project was to assess the physical characteristics of the site with respect to the presence in the environment of hazardous substances, waste or petroleum and chemical products and wastes as defined in the work product, unless otherwise noted, no specific attempt was made to check the compliance of present or past owners or operators of the site with Federal, state, or local laws and regulations, environmental or otherwise.

6. If water level readings have been made, these observations were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in water levels may occur due to variations in rainfall, passage of time and other factors and such fluctuations may effect the conclusions and recommendations presented herein.

7. Except as noted in the work product, no quantitative laboratory testing was performed as part of the project. Where such analyses have been conducted by an outside laboratory, Consultant has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these tests.

8. If the conclusions and recommendations contained in the work product are based, in part, upon various types of chemical data, then the conclusions and recommendations are contingent upon the validity of such data. These data (if obtained) have been reviewed and interpretations made by Consultant. If indicated in the work product, some of these data may be preliminary or screening-level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time and other factors.

9. Chemical analyses may have been performed for specific parameters during the course of this project, as described in the work product. However, it should be noted that additional chemical constituents not included in the analyses conducted for the project may be present in soil, groundwater, surface water, sediments or building materials at the site.

10. Ownership and property interests of all documents, including reports, electronic media, drawings and specifications, prepared or furnished by Consultant pursuant to this project are subject to the terms and conditions specified in the contract between the Consultant and Client, whether or not the project is completed.

11. Unless otherwise specifically noted in the work product or a requirement of the contract between the Consultant and Client, any reuse, modification or disbursement of documents to third parties will be at the sole risk of the third party and without liability or legal exposure to Consultant.

12. In the event that any questions arise with respect to the scope or meaning of Consultant's work product, immediately contact Consultant for clarification, explanation or to update the work product. In addition, Consultant has the right to verify, at the party's expense, the accuracy of the information contained in the work product, as deemed necessary by Consultant, based upon the passage of time or other material change in conditions since conducting the work.

13. Any use of or reliance on the work product shall constitute acceptance of the terms hereof.

TABLES

FORMER NU-STYLE COMPANY, INC.
PHASE II SITE ASSESSMENT

FUSS & O'NEILL

Table 1
Summary of Soil Analytical Data and Objectives

Former Nu-Style Company, Inc.
Grove Street
Franklin, Massachusetts

Phase II Comprehensive Site Assessment Report
Prepared for the County of Norfolk, Massachusetts

September 2007

		MCP 2006 RCS-1	MA Method 1 S-1 Std Application for GW-2 area	MA Method 1 S-1 Std Application for GW-3 area	MA Method 1 S-3 Std Application for GW-2 area	MA Method 1 S-3 Std Application for GW-3 area	MW-01 841061130-01 11/30/2006 Primary	MW-01 841061130-02 11/30/2006 Primary	B-02 841061130-03 11/30/2006 Primary	B-02 841061130-04 11/30/2006 Primary	MW-02 841061130-05 11/30/2006 Primary	MW-02 841061130-06 11/30/2006 Primary	B-04 841061130-07 11/30/2006 Primary	B-04 841061130-08 11/30/2006 Primary	B-05 841061130-09 11/30/2006 Primary	B-05 841061130-10 11/30/2006 Primary	B-06 841061130-11 11/30/2006 Primary	B-06 841061130-12 11/30/2006 Primary	MW-03 841061130-13 11/30/2006 Primary	MW-03 841061130-14 11/30/2006 Primary	MW-04 841061130-15 11/30/2006 Primary	MW-04 841061130-16 11/30/2006 Duplicate	MW-04 841061130-17 11/30/2006 Primary	MW-05 841061201-19 12/01/2006 Primary	MW-05 841061201-20 12/01/2006 Primary	B-10 841061201-21 12/01/2006 Primary	B-10 841061201-22 12/01/2006 Primary	B-11 841061201-23 12/01/2006 Primary	B-11 841061201-24 12/01/2006 Primary	B-12 841061201-25 12/01/2006 Primary
Starting Depth	(feet)						0.50	3.00	0.00	5.00	0.00	5.00	0.00	5.00	0.40	5.00	0.00	1.00	0.00	5.00	0.00	0.00	5.00	0.40	5.00	0.00	5.00	0.00	5.00	0.00
Ending Depth	(feet)						2.00	5.00	2.00	7.00	3.00	7.00	2.00	6.00	2.00	7.00	0.50	2.00	2.00	7.00	2.00	2.00	7.00	2.00	7.00	2.00	7.00	2.00	7.00	2.00
Metals (Method 6010)	UNITS																													
Antimony	mg/kg	20	20	20	30	30	ND <0.53	ND <0.56	ND <0.56	ND <0.59	ND <0.59	ND <0.57	ND <0.57	ND <0.57	ND <0.53	ND <0.54	ND <0.54	ND <0.59	ND <0.55	ND <0.55	ND <0.56	ND <0.53	ND <0.55	6.5	6.9	ND <0.50	ND <0.50	ND <0.54	ND <0.60	ND <0.56
Arsenic	mg/kg	20	20	20	20	20	ND <0.50	ND <0.56	1.2	ND <0.59	6.6	2.6	ND <0.57	2.0	1.1	ND <0.54	ND <0.54	1.8	ND <0.55	ND <0.55	ND <0.56	ND <0.53	ND <0.55	3.1	ND <0.50	ND <0.50	ND <0.50	1.8	ND <0.60	3.1
Barium	mg/kg	1000	1000	1000	5000	5000	16	24	36	20	36	36	48	24	39	10	28	26	18	11	14	9.2	17	110	55	16	9.6	23	34	30
Beryllium	mg/kg	0.7	0.7	0.7	3	3	0.19	0.57	0.21	0.19	0.22	0.15	0.34	0.36	0.25	0.13	0.18	0.16	0.12	0.17	0.24	0.081	0.15	0.37	0.17	0.7	0.91	0.16	0.38	0.26
Cadmium	mg/kg	2	2	2	30	30	ND <0.10	ND <0.11	0.17	0.14	0.13	ND <0.11	0.34	0.19	0.22	ND <0.11	0.46	0.13	0.16	ND <0.11	0.15	ND <0.11	ND <0.11	0.54	0.18	ND <0.10	ND <0.10	0.26	ND <0.12	0.19
Chromium	mg/kg	1000	30	30	200	200	3.2	5.3	7.1	6.0	35	4.1	8.4	5.4	5.1	3.5	5.8	7.4	2.2	5.5	6.0	1.4	5.7	27	26	5.2	1.9	5.4	4.4	6.0
Copper	mg/kg	1000	NE	NE	NE	NE	4.9	12	91	43	160	9.0	13	18	32	3.4	31	20	5.0	2.9	2.0	2.5	25	20	9.5	6.3	1.9	8.5	2.9	32
Lead	mg/kg	300	300	300	300	300	4.9	8.1	40	18	25	89	8.4	22	20	1.6	97	25	9.2	2.6	3.4	1.5	4.7	780	310	2.9	4.8	17	4.3	93
Nickel	mg/kg	20	20	20	700	700	2.6	3.3	4.0	3.6	6.2	5.0	23	37	4.9	1.4	10	2.6	3.2	1.8	2.0	6.5	2.0	6.4	6.3	3.6	1.0	3.2	1.7	130
Thallium	mg/kg	8	8	8	80	80	ND <0.26	ND <0.28	ND <0.28	ND <0.30	ND <0.29	ND <0.28	ND <0.28	ND <0.28	ND <0.26	ND <0.27	ND <0.27	ND <0.29	ND <0.27	ND <0.27	ND <0.28	ND <0.27	ND <0.28	ND <0.25	ND <0.25	ND <0.27	ND <0.27	ND <0.27	ND <0.30	ND <0.28
Zinc	mg/kg	2500	2500	2500	5000	5000	10	13	85	63	27	54	20	26	48	6.8	71	14	14	6.3	4.0	4.2	16	310	84	22	15	48	8.4	28
Mercury (Method 7471)	mg/kg	20	20	20	30	30	ND <0.021	ND <0.022	0.029	ND <0.024	0.14	ND <0.023	0.034	0.051	0.023	ND <0.022	ND <0.021	0.065	ND <0.022	ND <0.022	ND <0.023	ND <0.021	ND <0.022	0.073	ND <0.023	0.023	ND <0.021	0.032	ND <0.024	0.044
Cyanide (Method 9012)	mg/kg	100	100	100	400	400	ND <0.53	ND <0.56	ND <0.56	ND <0.59	ND <0.59	ND <0.57	ND <0.57	ND <0.57	ND <0.53	ND <0.54	ND <0.54	ND <0.59	ND <0.55	ND <0.55	ND <0.56	ND <0.53	ND <0.55	ND <0.54	ND <0.58	ND <0.55	ND <0.54	ND <0.54	ND <0.6	ND <0.56
VPH (MADEP Method)																														
C9-C12 Aliphatics	µg/kg	1000000	1000000	1000000	5000000	5000000	ND <6200	ND <6500	ND <6900	ND <8800	ND <7900	ND <7000	ND <7000	ND <6900	ND <5900	ND <6500	ND <5900	ND <7800	ND <6400	ND <6400	ND <7600	ND <6000	ND <6100	14000	ND <7600	ND <6400	ND <6100	ND <12000	ND <8000	ND <6800
EPH (MADEP Method)																														
C9-C18 Aliphatics	µg/kg	1000000	1000000	1000000	5000000	5000000	ND <10000	ND <10000	ND <11000	ND <11000	ND <11000	ND <11000	ND <11000	ND <11000	ND <10000	ND <11000	ND <11000	ND <12000	ND <10000	ND <10000	ND <11000	ND <11000	ND <10000	ND <11000	ND <11000	ND <10000	ND <10000	ND <11000	ND <11000	ND <11000
C19-C36 Aliphatics	µg/kg	2500000	2500000	2500000	5000000	5000000	40000	14000	ND <11000	ND <11000	ND <11000	ND <11000	ND <11000	ND <11000	ND <10000	ND <11000	24000	ND <12000	ND <10000	38000	ND <11000	ND <11000	ND <10000	ND <11000	ND <11000	ND <10000	ND <10000	ND <11000	ND <11000	16000
C11-C22 Aromatics	µg/kg	200000	800000	800000	5000000	5000000	100000	16000	17000	32000	110000	20000	40000	61000	33000	ND <11000	92000	ND <12000	52000	81000	ND <11000	ND <11000	ND <10000	ND <11000	ND <11000	25000	ND <10000	18000	ND <11000	28000
VOC (Method 8260)																														
Naphthalene	µg/kg	4000	40000	500000	40000	3000000	ND <5.3	ND <5.6	ND <5.1	10	ND <5.3	ND <5.5	ND <110	ND <110	ND <5.0	ND <5.3	ND <110	ND <5.8	260	ND <5.4	ND <5.2	2300	ND <4.6	ND <4.6	ND <5.6	ND <100	ND <5.4	ND <5.0	ND <5.7	ND <5.2
Toluene	µg/kg	30000	300000	500000	300000	1000000	ND <5.3	ND <5.6	17	ND <5.8	ND <5.3	ND <5.5	ND <350	ND <340	ND <5.0	ND <5.3	ND <300	ND <5.8	ND <5.2	ND <5.4	ND <5.2	ND <4.9	ND <4.6	ND <4.6	ND <5.6	ND <270	ND <5.4	16	ND <5.7	ND <5.2
Acetone	µg/kg	3000	60000	60000	60000	60000	ND < 21	ND < 22	ND < 20	ND < 23	ND < 21	ND < 22	ND < 2300	ND < 4500	ND < 20	ND < 21	ND < 4300	ND < 23	ND < 21	ND < 22	ND < 21	ND < 20	ND < 18	ND < 18	ND < 22	ND < 1100	ND < 22	ND < 20	30	ND < 21
M/P-xylenes	µg/kg	500000	300000	300000	300000	300000	ND <5.3	ND <5.6	7.0	ND <5.8	ND <5.3	ND <5.5	ND <350	ND <340	ND <5.0	ND <5.3	ND <300	ND <5.8	ND <5.2	ND <5.4	ND <5.2	ND <4.9	ND <4.6	ND <4.6	ND <5.6	ND <270	ND <5.4	ND <5.0	ND <5.7	ND <5.2
Tetrachloroethene	µg/kg	1000	10000	30000	10000	1000000	ND <5.3	ND <5.6	ND <5.1	ND <5.8	28	45	15000	20000	110	22	34000	310	130	120	13	18	26	ND <4.6	ND <5.6	4300	48	40	45	11
1,1,1-trichloroethane	µg/kg	30000	500000	500000	600000	3000000	ND <5.3	ND <5.6	ND <5.1	ND <5.8	ND <5.3	ND <5.5	ND <570	ND <1100	ND <5.0	ND <5.3	ND <1100	ND <5.8	ND <5.2	ND <5.4	73	17	ND <4.6	ND <4.6	ND <5.6	ND <270	ND <5.4	ND <5.0	ND <5.7	ND <5.2
Trichloroethene	µg/kg	300	2000	90000	2000	2000000	ND <5.3	ND <5.6	ND <5.1	ND <5.8	12	21	19000	31000	58	9.6	6700	79	150	67	37	44	24	ND <4.6	ND <5.6	9300	150	5.0	ND <5.7	6.5
PAH (MADEP Method)																														
2-Methylnaphthalene	µg/kg	4000	500000	500000	2000000	1000000	ND <100	ND <100	ND <110	ND <110	210	ND <110	ND <110	ND <110	ND <100	ND <110	ND <110	ND <120	200	ND <100	ND <110	ND <110	ND <100	ND <110	ND <110	ND <100	ND <100	ND <110	ND <110	ND <110
Acenaphthene	µg/kg	20000	1000000	1000000	5000000	4000000	ND <100	ND <100	740	ND <110	ND <110	ND <110	ND <110	220	ND <110	ND <110	ND <110	ND <120	560	ND <100	ND <110	ND <110	ND <100	ND <110	ND <110	ND <100	ND <100	ND <110	ND <110	ND <110
Acenaphthylene	µg/kg	100000	100000	100000	2500000	1000000	270	ND <100	240	340	1300	350	230	250	ND <100	ND <110	260	ND <120	150	120	ND <110	ND <110	ND <100	ND <110	ND <110	200	ND <100	ND <110	ND <110	120
Anthracene	µg/kg	1000000	1000000	1000000	5000000	5000000	390	ND <100	ND <110	320	2000	110	200	ND <110	970	ND <110	340	ND <120	1800	ND <100	ND <110	ND <110	ND <100	ND <110	ND <110	250	ND <100	ND <110	ND <110	ND <110
Benzo(a)anthracene	µg/kg	7000	7000	7000	300000	300000	1200	ND <100	ND <110	1000	4400	200	330	310	1100	ND <110	560	ND <120	2800	ND <100	ND <110	ND <110	ND <100	ND <110	ND <110	1500	ND <100	ND <110	ND <110	490
Benzo(a)pyrene	µg/kg	2000	2000	2000	30000	30000	1100	ND <100	ND <110	1000	3900	ND <110	ND <110	ND <110	ND <100	ND <110	ND <110	ND <120	2200	ND <100	ND <110	ND <110	ND <100	ND <110	ND <110	2000	ND <100	ND <110	ND <110	ND <110
Benzo(b)fluoranthene	µg/kg	7000	7000	7000	300000	300000	1700	ND <100	ND <110	1400	5600	ND <110	560	ND <110	ND <100	ND <110	ND <110	ND <120	2600	230	ND <110	ND <110	ND <100	ND <110	ND <110	2000	ND <100	ND <110	ND <110	290
Benzo(k)fluoranthene	µg/kg	NR	70000	70000	3000000	3000000	600	ND <100	ND <110	540	1900	ND <110	170	ND <110	ND <100	ND <110	ND <110	ND <120	1100	ND <100	ND <110	ND <110	ND <100	ND <110	ND <110	860	ND <100	ND <110	ND <110	ND <110
Chrysene	µg/kg	7000	7000	7000	40000	40000	1600	ND <100	ND <110	1200	4500	280	640	590	1200	ND <110	810	ND <120	2800	440	ND <110	ND <110	ND <100	ND <110	ND <110	120	ND <100	ND <110	ND <110	ND <110
Fluoranthene	µg/kg	1000000	1000000	1000000	5000000	5000000	2200	ND <100	490	2100	8200	320	380	410	2300	ND <110	940	ND <120	6700	ND <100	ND <110	ND <110	ND <100	ND <110	ND <110	1300	ND <100	ND <110	ND <110	1300
Fluorene	µg/kg	400000	1000000	1000000	5000000	4000000	ND <100	ND <100	ND <110	ND <110	390	ND <110	ND <110	ND <110	230	ND <110	ND <110	ND <120	630	ND <100	ND <110	ND <110	ND <100	ND <110	ND <110	ND <100	ND <100	ND <110	ND <110	ND <110
Indeno(1,2,3-cd)pyrene	µg/kg	7000	7000	7000	300000	300000	ND <100	ND <100	ND <110	ND <110	ND <110	ND <110	ND <110	ND <110	ND <100	ND <110	ND <110	ND <120	ND <100	ND <100	ND <110	ND <110	ND <100	ND <110	ND <110	260	ND <100	ND <110	ND <110	ND <110
Phenanthrene	µg/kg	100000	1000000	100000	2500000	100000	990	ND <100	350	1100	3500	200	150	190	2300	ND <110	470	ND <120	7600	ND <100	ND <110	ND <110	ND <100	ND <110	ND <110	260	ND <100	ND <110	ND <110	940
Pyrene	µg/kg	1000000	1000000	1000000	5000000	5000000	2200	ND <100	ND <110	2000	6200	310	470	410	2000	ND <110	990	ND <120	6000	ND <100	ND <110	ND <110	ND <100	ND <110	ND <110	1600	ND <100	ND <110	ND <110	1200
PCB (Method 8082)	µg/kg	2000	2000	2000	2000	2000	ND < 14	ND < 15	ND < 15	ND < 16	ND < 15	ND < 15	ND < 15	ND < 15	ND < 14	ND < 14	ND < 14	ND < 15	ND < 14	ND < 14	ND < 46	ND < 43	ND < 45	ND < 14	ND < 15	ND < 14	ND < 14	ND < 14	ND < 16	ND < 15

MADEP: Massachusetts Department of Environmental Protection
mg/kg: milligram per kilogram
µg/kg: microgram per kilogram
ND <X: Compound not detected above laboratory reporting limit
VPH: Volatile petroleum hydrocarbons
EPH: Extractable petroleum hydrocarbons
PAH: Polycyclic aromatic hydrocarbons
PCB: Polychlorinated biphenyls
VOC: Volatile organic compounds
RCS-1: MADEP Reportable concentrations for S-1 soil areas.
Color-shaded values indicate exceedence of reportable concentration.

Created by: LCK
Reviewed by: SAH

FUSS & O'NEILL

Table 2
Summary of Sediment Analytical Data and Objectives

Former Nu-Style Company, Inc.
Grove Street
Franklin, Massachusetts

Phase II Comprehensive Site Assessment Report
Prepared for the County of Norfolk, Massachusetts

September 2007

		Consensus-Based TEC (MacDonald et al., 2000)	MCP 2006 RCS-1	SD-01 841070426-06 04/26/2007 Primary	SD-02 841070426-07 04/26/2007 Primary	SD-03 841070426-08 04/26/2007 Primary	SD-03 841070426-09 04/26/2007 Duplicate	SD-04 841070426-10 04/26/2007 Primary
Sampling Depth	(feet)			0-0.2	0-0.2	0-0.2	0-0.2	0-0.2
Metals (Method 6010)								
Arsenic	(mg/kg)	9.79	20	ND < 0.31	0.75	ND < 0.30	1.2	ND < 0.30
Barium	(mg/kg)	NE	1000	15	20	22	16	9.0
Beryllium	(mg/kg)	NE	0.7	0.13	0.16	0.16	0.15	0.15
Cadmium	(mg/kg)	0.99	2	0.14	0.13	0.16	0.14	0.14
Chromium	(mg/kg)	43.4	1000	1.6	1.3	0.75	1.1	2.9
Copper	(mg/kg)	31.6	1000	7.0	6.1	1.8	1.9	3.2
Lead	(mg/kg)	35.8	300	8.6	5.9	4.8	6.6	13
Nickel	(mg/kg)	22.7	20	5.4	3.6	0.69	1.5	1.4
Thallium	(mg/kg)	NE	8	0.55	0.99	0.69	ND < 0.30	ND < 0.30
Zinc	(mg/kg)	123	2500	23	18	15	16	12
Cyanide (Method 9012)	(mg/kg)	NE	100	ND < 0.62	ND < 0.63	ND < 0.59	ND < 0.60	ND < 0.60
VPH (MADEP Method)	(µg/kg)	NE	NE*	ND < varies	ND < varies	ND < varies	ND < varies	ND < varies
EPH (MADEP Method)								
C19-C36 Aliphatics	(µg/kg)	NE	2500000	20000	ND < 12000	ND < 12000	ND < 12000	ND < 12000
C11-C22 Aromatics	(µg/kg)	NE	200000	14000	ND < 12000	ND < 12000	ND < 12000	ND < 12000
VOC (Method 8260)								
Acetone	(µg/kg)	NE	3000	ND < 5.2	ND < 5.4	ND < 4.6	ND < 5.1	7.8
Tetrachloroethene	(µg/kg)	NE	1000	7.6	37	ND < 4.6	ND < 5.1	ND < 4.5
Trichloroethene	(µg/kg)	NE	300	ND < 5.2	12	ND < 4.6	ND < 5.1	ND < 4.5
PAH (MADEP Method)								
Acenaphthylene	(µg/kg)	NE	100000	140	ND < 120	ND < 120	ND < 120	ND < 120
Anthracene	(µg/kg)	57.2	1000000	**160**	ND < 120	ND < 120	ND < 120	ND < 120
Benzo(a)anthracene	(µg/kg)	108	7000	**330**	ND < 120	ND < 120	ND < 120	ND < 120
Benzo(b)fluoranthene	(µg/kg)	NE	7000	120	ND < 120	ND < 120	ND < 120	ND < 120
Benzo(k)fluoranthene	(µg/kg)	NE	NE	140	ND < 120	ND < 120	ND < 120	ND < 120
Fluoranthene	(µg/kg)	423	1000000	**820**	ND < 120	ND < 120	ND < 120	ND < 120
Phenanthrene	(µg/kg)	204	100000	**230**	ND < 120	ND < 120	ND < 120	ND < 120
Pyrene	(µg/kg)	195	1000000	**450**	ND < 120	ND < 120	ND < 120	ND < 120
PCB (Method 8082)	(µg/kg)	34.1	2000	ND < 16	ND < 17	ND < 16	ND < 16	ND < 16

--- Not applicable
ND <X: Compound not detected above laboratory reporting limit
mg/kg: milligram per kilogram
µg/kg: microgram per kilogram
VPH: Volatile petroleum hydrocarbons
EPH: Extractable petroleum hydrocarbons
VOC: Volatile organic compounds
PAH: Polycyclic aromatic hydrocarbons
PCB: Polychlorinated biphenyls
TEC: Threshold Effect Concentration
NE: Not Established
NE*: Criteria established for individual compounds
Color-shaded values indicate exceedence of reportable concentration.

Created by: LCK
Reviewed by: SAH

FUSS & O'NEILL

Table 3
Summary of Groundwater Analytical Data and Objectives

Former Nu-Style Company, Inc.
Grove Street
Franklin, Massachusetts

Phase II Comprehensive Site Assessment Report
Prepared for the County of Norfolk, Massachusetts

September 2007

		MCP RC GW-2	MA Method 1 GW Std Application for GW-2 area	MA Method 1 GW Std Application for GW-3 area	MW-01 841061208-27 12/8/2006 Primary	MW-01 841061208-28 12/8/2006 Duplicate	MW-02 841061208-30 12/8/2006 Primary	MW-03 841061208-32 12/8/2006 Primary	MW-04 841061208-29 12/8/2006 Primary	MW-05 841061208-31 12/8/2006 Primary
Groundwater parameters	UNITS									
pH	S	----	----	----	5.97	5.97	6.59	6.33	5.97	NA
Specific Conductance	µMhos/cm	----	----	----	464	464	1727	1534	2010	NA
Temperature	C deg	----	----	----	13.1	13.1	8.3	7.6	10.5	NA
Turbidity	ntu	----	----	----	36	36	50	500	15	NA
Dissolved Oxygen	mg/l	----	----	----	0.4	0.4	7.7	6.9	2.6	NA
ORP	mv	----	----	----	-35.0	-35.0	59	93.2	45.1	NA
Metals (Method 6010)										
Barium	mg/l	50	NE	50	0.042	0.038	0.15	0.21	0.14	0.83
Beryllium	mg/l	0.05	NE	0.05	ND <0.0010	ND <0.0010	ND <0.0010	0.0087	ND <0.0010	0.0018
Cadmium	mg/l	0.004	NE	0.004	ND <0.0020	ND <0.0020	ND <0.0020	ND <0.0020	ND <0.0020	0.0034
Chromium	mg/l	2	NE	0.3	ND <0.010	ND <0.010	ND <0.010	0.036	ND <0.010	0.092
Copper	mg/l	100	NE	NE	ND <0.010	ND <0.010	0.015	0.018	ND <0.010	0.073
Lead	mg/l	0.01	NE	0.01	0.014	0.012	ND <0.0040	0.098	ND <0.0040	1.9
Nickel	mg/l	0.2	NE	0.2	ND <0.010	ND <0.010	0.15	0.054	0.017	0.12
Zinc	mg/l	0.9	NE	0.9	0.023	0.015	0.057	0.17	0.028	0.73
VOC (Method 8260)										
Methyl tert-butyl ether (MTBE)	µg/l	1000	50000	50000	ND <1.0	ND <1.0	ND <1.0	ND <1.0	2.1	ND <1.0
cis-1,2-Dichloroethene	µg/l	100	100	50000	ND <1.0	ND <1.0	ND <1.0	ND <1.0	8	ND <1.0
Tetrachloroethene	µg/l	50	50	30000	ND <1.0	ND <1.0	6.6	43	240	ND <1.0
1,1,1-trichloroethane	µg/l	4000	4000	20000	ND <1.0	ND <1.0	ND <1.0	ND <1.0	1.8	ND <1.0
Trichloroethene	µg/l	30	30	5000	ND <1.0	ND <1.0	6.6	40	150	ND <1.0

--- Not applicable
ND <X: Compound not detected above laboratory reporting limit
NA: Not analyzed
NE: Not Established
µMhos/cm: micromhos per centimeter
C deg: degrees Celcius
ntu: nephelometric turbidity units
mv: millivolts
mg/l: milligrams per liter
µg/l: micrograms per liter
VOC: Volatile organic compounds
RC GW-2: MADEP Reportable concentrations for GW-2 groundwater areas.
Color-shaded values indicate exceedence of reportable concentration.

Created by: LCK
Reviewed by: SAH

FUSS & O'NEILL

Table 4
Summary of Surface Water Analytical Data and Objectives

Former Nu-Style Company, Inc.
Grove Street
Franklin, Massachusetts

Phase II Comprehensive Site Assessment Report
Prepared for the County of Norfolk, Massachusetts

September 2007

		Consensus-Based TEC (MacDonald et al., 2000)	SW-01 841070426-01 04/26/2007 Primary	SW-02 841070426-02 04/26/2007 Primary	SW-03 841070426-03 04/26/2007 Primary	SW-03 841070426-04 04/26/2007 Duplicate	SW-04 841070426-05 04/26/2007 Primary
Metals (Method 6010)							
Barium	(mg/l)	NE	0.086	0.085	0.084	0.083	0.083
Copper	(mg/l)	36.1	0.0040	0.0023	ND <0.0020	0.0041	0.0023
Lead	(mg/l)	35.8	ND <0.0020	ND <0.0020	0.0033	ND <0.0020	ND <0.0020
Zinc	(mg/l)	121	0.018	0.017	0.017	0.016	0.015
VOC (Method 8260)		NE*	ND <varies	ND <varies	ND <varies	ND <varies	ND <varies
VPH (MADEP Method)	(µg/l)						
Methyl tert-butyl ether (MTBE)	(µg/l)	NE	ND <1.0	1.1	ND <1.0	1.1	ND <1.0
EPH (MADEP Method)	(µg/l)	NE*	ND <varies	ND <varies	ND <varies	ND <varies	ND <varies

ND <X: Compound not detected above laboratory reporting limit
VPH: Volatile petroleum hydrocarbons
EPH: Extractable petroleum hydrocarbons
VOC: Volatile organic compounds
TEC: Threshold Effect Concentration
NE: Not established
NE*: TEC established for individual compounds

Created by: LCK
Reviewed by: SAH

Table 5
Groundwater Elevation Measurements for On-Site Monitoring Wells
Measured December 8, 2006

Former Nu-Style Company, Inc. Facility
87 Grove Street
Franklin, Massachusetts

Phase II Environmental Site Assessment Report
Prepared for Norfolk County, Massachusetts

September 2007

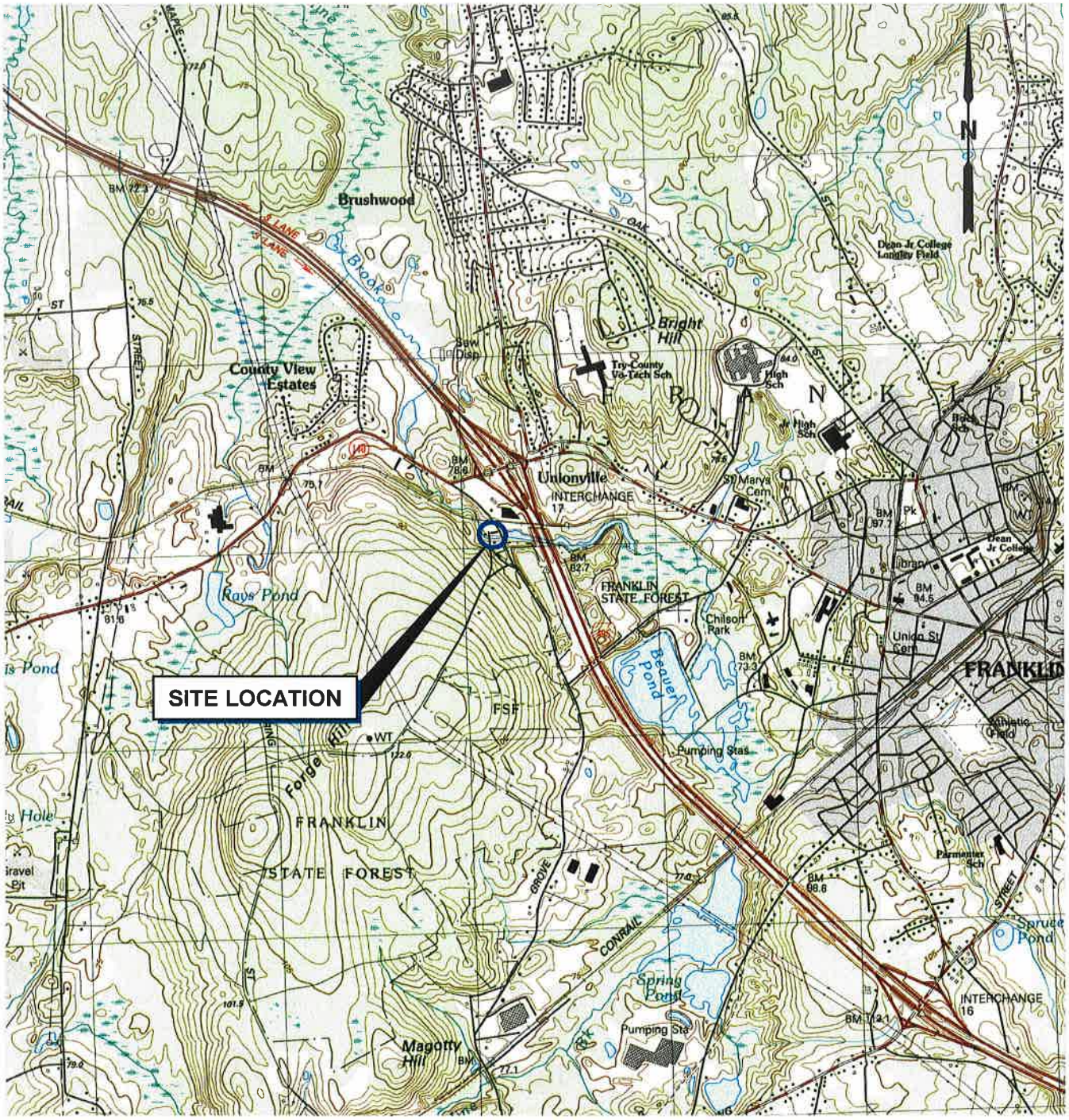
Location	Time	Depth to Water (feet from PVC)	Absolute Elevation of PVC[a] (feet)	Groundwater Elevation (feet)
MW-1	0943	4.16	100.35	96.19
MW-2	1300	7.96	98.54	90.58
MW-3	1412	8.18	99.73	91.55
MW-4	1130	7.56	98.23	90.67
MW-5	1515	8.49	104.47	95.98

[a]elevation data from survey conducted December 4, 2006

Created by SAH
Reviewed by LCK

FIGURES

FORMER NU-STYLE COMPANY, INC.
PHASE II SITE ASSESSMENT



MAP REFERENCE:
THIS MAP WAS PREPARED FROM THE FOLLOWING
7.5 MINUTE SERIES TOPOGRAPHIC MAP:
FRANKLIN, MASSACHUSETTS-RHODE ISLAND, 1987

0 1000 2000'
APPROX. GRAPHIC SCALE

SCALE: 1"=2083'

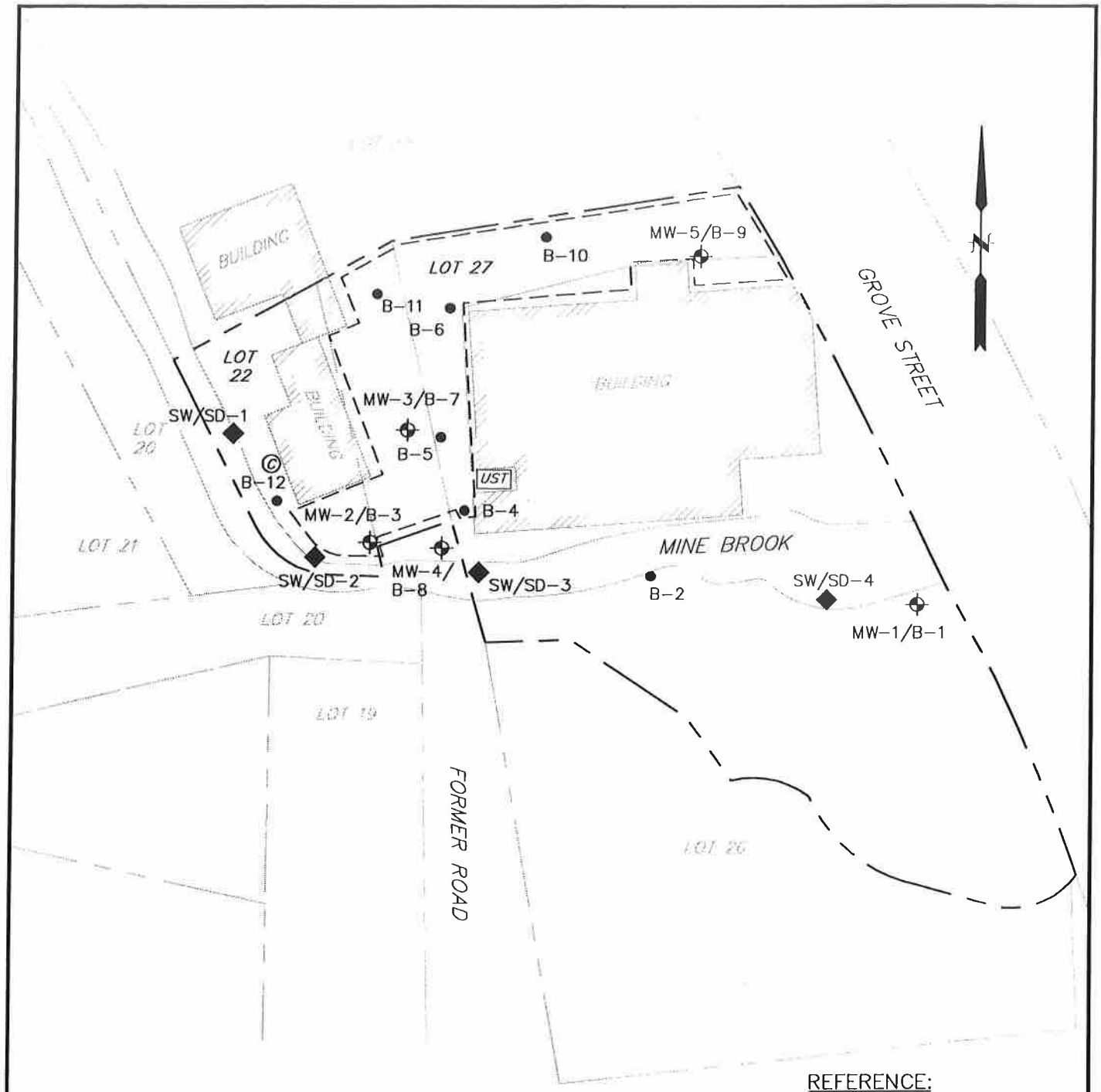
FUSS & O'NEILL
Disciplines to Deliver
FOUNDRY CORPORATE OFFICE CENTER
275 PROMENADE ST, SUITE 350, PROVIDENCE RI 02908
401-861-3070 www.FandO.com

NORFOLK COUNTY, MASSACHUSETTS
SITE LOCATION MAP
FORMER NU-STYLE COMPANY, INC.
87 GROVE STREET FRANKLIN, MASS.

PROJ. No: 20050458.B10
DATE: JUNE 2007

FIGURE 1

F:\P2005\0458\B10\Nu-Style\PhaseII_May2007\Figures\Fig1.ppt



LEGEND

- APPROXIMATE PROPERTY LINE
- UST — LOCATION OF UST (REMOVED)
- APPROXIMATE GPR SURVEY AREA
- MONITORING WELL
- SOIL BORING
- APPROXIMATE LOCATION OF SURFACE WATER AND SEDIMENT SAMPLE
- c — APPROXIMATE LOCATION OF CONCRETE POTENTIALLY ASSOCIATED WITH A TUNNEL/WATER RUN

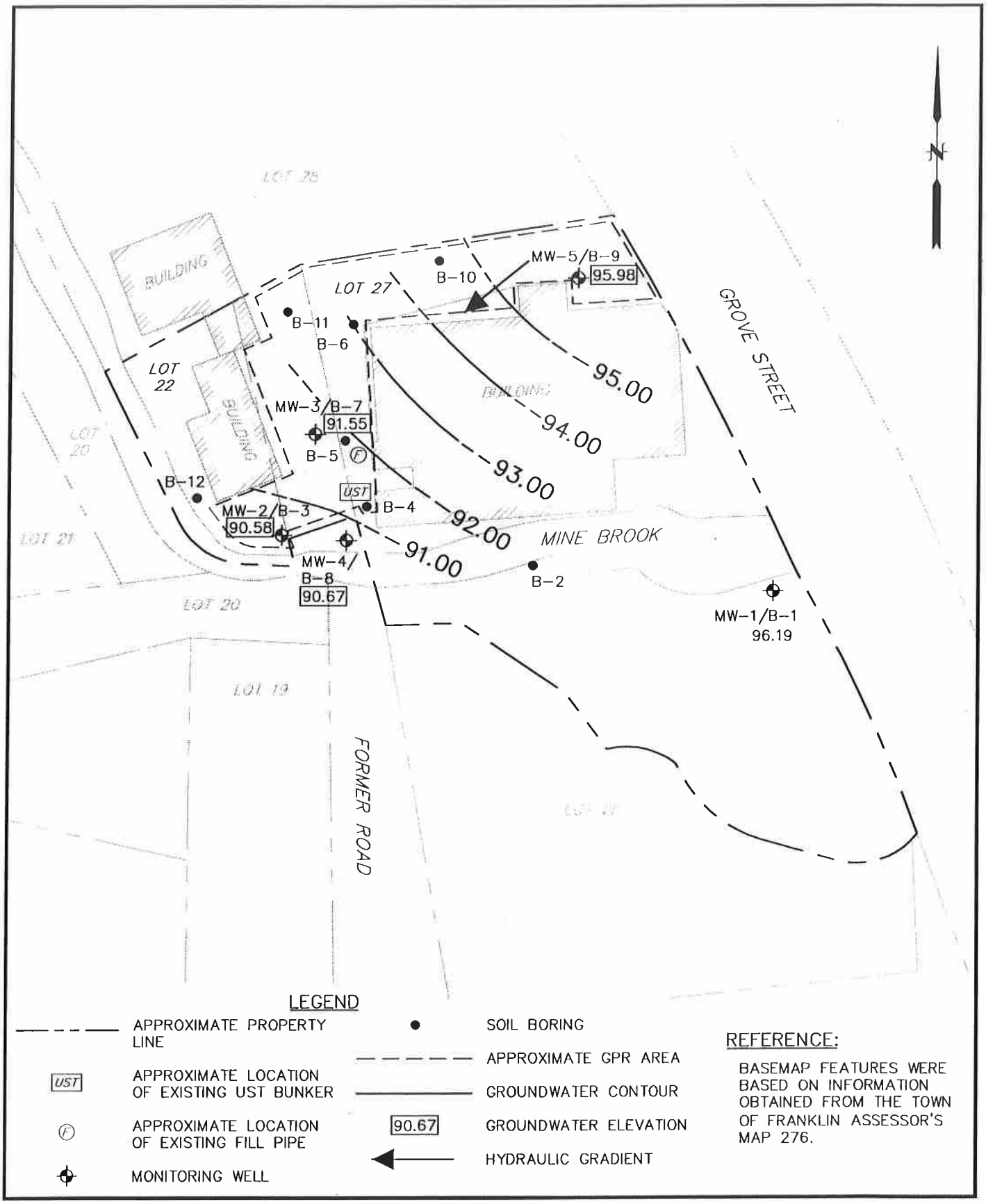
REFERENCE:

BASEMAP FEATURES WERE BASED ON INFORMATION OBTAINED FROM THE TOWN OF FRANKLIN ASSESSOR'S MAP 276.

File Path: F:\Dwg\P2005\0458\B10\Nu Style\tjc_Phase_update_050458B10_STP001.dwg, Layout: 08.5x11-P_R121_HP8000 Wed, Oct 03, 2007 - 9:11 AM User: BrianK

UCS: | VS VIEW: | LMAN: | CTB:

SCALE: HORZ.: 1" = 60' VERT.: DATUM: HORZ.: VERT.: 0 30 60 GRAPHIC SCALE	WWW.FandO.COM FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE ST SUITE 350 PROVIDENCE RI 02908 401.861.3070	FORMER NU-STYLE COMPANY INC SITE PLAN 87 GROVE STREET FRANKLIN MASSACHUSETTS	PROJ. No.: 20050458.B10 DATE: OCTOBER 2007 FIGURE 2



LEGEND

- APPROXIMATE PROPERTY LINE
- UST — APPROXIMATE LOCATION OF EXISTING UST BUNKER
- (F) — APPROXIMATE LOCATION OF EXISTING FILL PIPE
- MONITORING WELL
- SOIL BORING
- APPROXIMATE GPR AREA
- GROUNDWATER CONTOUR
- 90.67 — GROUNDWATER ELEVATION
- HYDRAULIC GRADIENT

REFERENCE:

BASEMAP FEATURES WERE BASED ON INFORMATION OBTAINED FROM THE TOWN OF FRANKLIN ASSESSOR'S MAP 276.

SCALE: HORZ.: 1"=60'± VERT.: DATUM: HORZ.: VERT.: 0 30 60 GRAPHIC SCALE	FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE STREET, SUITE 350, PROVIDENCE, RI 02908 401.861.3070 www.FandO.com	FORMER NU-STYLE COMPANY, INC. FACILTIY GROUNDWATER EQUIPOTENTIAL CONTOUR MAP 87 GROVE STREET FRANKLIN MASSACHUSETTS	PROJ. No.: 20050458.010 DATE: JANUARY 2007 FIGURE 3

File Path: F:\Dwg\P2005\0458\B10\PLAN\050458B10_STP001.dwg, Layout: GW_MAP Mon, Jan 15, 2007 - 8:20 AM User: Susani

UCS:WRLD | MS VIEW:MS1500 | LMAN: | CTB:FO_STANDARD(HALF)

APPENDIX A

FORMER NU-STYLE COMPANY, INC.
PHASE II SITE ASSESSMENT

SOIL BORING LOGS AND MONITORING WELL COMPLETION REPORTS

Project Name: Nu-Style Township/Range: Franklin, Massachusetts	Site Id: MW-01 Project Number: 2005-0458 B10	FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE STREET, SUITE 350, PROVIDENCE, RI 02906

Location: See map
Description: Monitoring Well, Shallow
Date(s): 11/30/06 – 11/30/06
Completed Depth: 12.00'
Total Depth: 12.00'
Remarks: Field Instrument: Photovac 2020

Datum: Assumed
Ground Elevation: 0.00'
Coordinate X: 0.00
Coordinate Y: 0.00

Logged By: S. Hubbs
Contractor: New England Geotech
Drilling Method: Geoprobe
Driller: S. Perry
Borehole Dia.: 2.00in

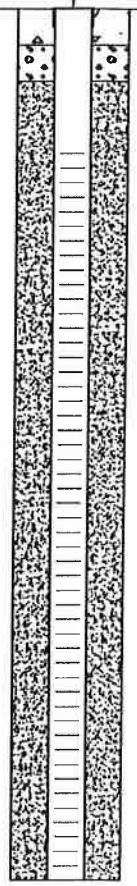
Blank Casing:
type: PVC dia: 2.00in fm: 0.0' to: 2.00'

Screens:
type: Slotted size: 0.010in dia: 2.00in fm: 2.00' to: 12.00'

Annular Fill:

type: Concrete	fm: 0.00'	to: 0.50'
type: Bentonite Grout	fm: 0.50'	to: 1.00'
type: #2 Sand	fm: 1.00'	to: 12.00'
type:	fm:	to:
type:	fm:	to:

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	Well Construction (MP. EL. 0.00)	PHOT
0		N/A -01		0-0.5': ASPHALT. 0.5-5.0': SAND, M; some gravel; moderate yellowish brown (10YR 5/4), moist to wet at 2.5 feet.		AS		0 ppm
-2	2	N/A						
		-02						0 ppm
-4	4							
-6	6					SP		
-8	8							
-10	10							
-12	12			End of boring at 12 feet.				
-14	14							
-16	16							



Checked By:

Project Name: Nu-Style Township/Range: Franklin, Massachusetts	Site Id: MW-02 Project Number: 2005-0458 B10	FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE STREET, SUITE 350, PROVIDENCE, RI 02908

Location: See map
Description: Monitoring Well, Shallow
Date(s): 11/30/06 – 11/30/06
Completed Depth: 12.00'
Total Depth: 12.00'

Datum: Assumed
Ground Elevation: 0.00'
Coordinate X: 0.00
Coordinate Y: 0.00

Logged By: S. Hubbs
Contractor: New England Geotech
Drilling Method: Geoprobe
Blank Casing:
type: PVC dia: 2.00in fm: 0.0' to: 2.00'
Screens:
type: Slotted size: 0.010in dia: 2.00in fm: 2.00' to: 12.00'
Annular Fill:
type: Concrete fm: 0.00' to: 0.50'
type: Bentonite Grout fm: 0.50' to: 1.50'
type: #2 Sand fm: 1.50' to: 12.00'
type: fm: to:
type: fm: to:

Driller: S. Perry
Borehole Dia.: 2.00in

Remarks: Field Instrument: Photovac 2020
Refusal at 12 feet.
Unable to penetrate after several tries, cannot move location due to nearby inclined surface and drain/water line.

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	Well Construction (MP. EL. 0.00)	PHOT
0		-05		0-0.5': Sand, F-M and gravel; unburned coal/ash; light olive gray (5Y 5/2), dry.		SP		0 ppm
				0.5-0.7': CONCRETE.		CR		
				0.7-5.0': Sand, F-M and gravel; unburned coal/ash; dusky brown (5YR 2/2), moist.				
-2	2							
		N/A						
-4	4							
		-06		Sand, F-M and gravel; moderate brown (5YR 4/4), moist to wet at 6.0 feet.				0 ppm
-6	6					SP		
		N/A						
-8	8							
-10	10							
-12	12			Boulder or rock. End of boring at 12 feet.		BD		
-14	14							
-16	16							

Checked By:

Project Name: Nu-Style Township/Range: Franklin, Massachusetts	Site Id: MW-03 Project Number: 2005-0458 B10	FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE STREET, SUITE 350, PROVIDENCE, RI 02908

Location: See map
Description: Monitoring Well, Shallow
Date(s): 11/30/06 – 11/30/06
Completed Depth: 10.50'
Total Depth: 10.50'
Remarks: Field Instrument: Photovac 2020
Refusal at 10.5 feet.

Datum: Assumed
Ground Elevation: 0.00'
Coordinate X: 0.00
Coordinate Y: 0.00

Logged By: S. Hubbs
Contractor: New England Geotech
Drilling Method: Geoprobe
Blank Casing:
type: PVC dia: 2.00in fm: 0.0' to: 2.50'
Screens:
type: Slotted size: 0.010in dia: 2.00in fm: 2.50' to: 10.50'
Annular Fill:
type: Concrete fm: 0.00' to: 0.50'
type: Bentonite Grout fm: 0.50' to: 1.50'
type: #2 Sand fm: 1.50' to: 10.50'
type: fm: to:
type: fm: to:

Driller: S. Perry
Borehole Dia.: 2.00in

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	Well Construction (MP. EL. 0.00)	PHOT
0		-13		0-1.0': SAND, F-M; some gravel; dusky brown (5YR 2/2), moist. 1.0-5.0': SAND, F; trace gravel; dusky yellow (5Y 6/4).		SW		0 ppm
-2	2	N/A						
-4	4					SP		
		-14		5.0-6.1': SAND, F-M, moderate brown (5YR 4/4) to black (N1) at 5.8 feet, moist to wet at 5.8 feet. 6.1-10': SAND, F-M; some gravel; moderate brown (5YR 4/4), wet.				0 ppm
-6	6							
		N/A						
-8	8					SW		
-10	10	N/A		Sand, F-M and gravel; dusky yellow (5Y 6/4), wet.				0 ppm
				Boulders or bedrock. End of boring at 10.5 feet.		BD		
-12	12							
-14	14							
-16	16							

Checked By:

Project Name: Nu-Style Township/Range: Franklin, Massachusetts	Site Id: MW-04 Project Number: 2005-0458 B10	FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE STREET, SUITE 350, PROVIDENCE, RI 02903

Location: See map
Description: Monitoring Well, Shallow
Date(s): 11/30/06 – 11/30/06
Completed Depth: 10.50'
Total Depth: 10.50'
Remarks: Field Instrument: Photovac 2020
Refusal at 10.5 feet.

Datum: Assumed
Ground Elevation: 0.00'
Coordinate X: 0.00
Coordinate Y: 0.00

Logged By: S. Hubbs
Contractor: New England Geotech
Drilling Method: Geoprobe
Blank Casing:
type: PVC dia: 2.00in fm: 0.0' to: 2.50'
Screens:
type: Slotted size: 0.010in dia: 2.00in fm: 2.50' to: 10.50'
Annular Fill:
type: Concrete fm: 0.00' to: 0.50'
type: Bentonite Grout fm: 0.50' to: 1.50'
type: #2 Sand fm: 1.50' to: 10.50'
type: fm: to:
type: fm: to:

Driller: S. Perry
Borehole Dia.: 2.00in

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	Well Construction (MP. EL. 0.00)	PHOT
0		-15, -16		0–1.1': Sand, F and silt; trace brick and coal; dusky brown (5YR 2/2), dry. 1.1–5.0': SAND, M; trace garvel; dusky yellow (5Y 6/4), moist.		SM		0 ppm
-2	2	N/A						
-4	4							
		-17		SAND, F–M; trace gravel; 1/4 inch black discrete band at 5.6 feet; dusky yellow (5Y 6/4) with oxidized orange at 6.8 feet; moist to wet at 6.8 feet.		SP		0 ppm
-6	6							
		N/A						
-8	8							
-10	10	N/A		Sand, M–C and gravel; moderate olive brown (5Y 4/4), wet.		SW MR		0 ppm
				End of boring at 10.5 feet.				
-12	12							
-14	14							
-16	16							

Checked By:

Project Name: Nu-Style Township/Range: Franklin, Massachusetts	Site Id: MW-05 Project Number: 2005-0458 B10	FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE STREET, SUITE 350, PROVIDENCE, RI 02906

Location: See map
Description: Monitoring Well, Shallow
Date(s): 12/01/06 – 12/01/06
Completed Depth: 12.00'
Total Depth: 12.00'
Remarks: Field Instrument: Photovac 2020

Datum: Assumed
Ground Elevation: 0.00'
Coordinate X: 0.00
Coordinate Y: 0.00

Logged By: S. Hubbs
Contractor: New England Geotech
Drilling Method: Geoprobe
Blank Casing:
type: PVC dia: 2.00in fm: 0.0' to: 2.00'
Screens:
type: Slotted size: 0.010in dia: 2.00in fm: 2.00' to: 12.00'
Annular Fill:
type: Concrete fm: 0.00' to: 0.50'
type: Bentonite Grout fm: 0.50' to: 1.50'
type: #2 Sand fm: 1.50' to: 12.00'
type: fm: to:
type: fm: to:

Driller: S. Perry
Borehole Dia.: 2.00in

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	Well Construction (MP. EL. 0.00)	PHOT
0		N/A		0–0.4': Asphalt, pieces and coal pieces.		CO/AS		0 ppm
		-19		0.4–1.1': Sand, F–M and gravel; dusky yellow (5Y 6/4), dry.		SW		
				1.1–2.0': SAND, F–M; some silt and gravel; trace asphalt and coal; black (N1), dry. Loose.				
				2.0–5.0': Sand, F–M and gravel; duksy yellow (5Y 6/4), moist.		SM		
-2	2	N/A						
-4	4					SW		
		-20		5.0–6.0': Same as above.				0 ppm
				6.0–10': SILT, clayey, light olive gray (5Y 5/2), wet.				
-6	6							
		N/A						
-8	8					ML		
-10	10	N/A						0 ppm
				10–11.2': Sand, F–M and gravel; duksy yellow (5Y 6/4), wet.		SW		
				11.2–12': SILT, clayey, light olive gray (5Y 5/2), wet.		ML		
-12	12			End of boring at 12 feet.				
-14	14							
-16	16							

Checked By:

Project Name: Nu-Style Project Location: Franklin, Massachusetts	Site Id: B-02 Project Number: 2005-0458 B10	FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE STREET, SUITE 350, PROVIDENCE, RI 02906

Location: See map
Description: Soil Boring
Date(s): 11/30/06 – 11/30/06
Total Depth: 7.50'
Remarks: Field Instrument: Photovac 2020
Refusal at 7.5 feet.

Datum:
Ground Elevation: 0.00'
Coordinate X: 0.00
Coordinate Y: 0.00

Logged By: S. Hubbs
Contractor: New England Geotech
Drilling Method: Geoprobe
Back Fill:
type: Native Material fm: 0.00' to: 7.50'
type: fm: to:
type: fm: to:
type: fm: to:
type: fm: to:

Driller: S. Perry
Borehole Dia.: 2.00in

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	PHOT
0		-03		0–0.2': Sand, F and silt; some organics; leaf litter; dusky brown (5YR 2/2), dry. 0.2–5.0': Sand, F–M and gravel; dark yellowish brown (10YR 4/2), moist.		SM	0 ppm
-2	2	N/A					
-4	4					SP	
		-04		5.0–5.3': BRICK, red. 5.3–7.5': Sand, F–M and gravel; oxidized from 5.3 to 5.8 feet; dark yellowish brown (10YR 4/2), wet.			0 ppm
-6	6						
		N/A					
-8	8			Rock or brick. End of boring at 7.5 feet.		RK	
-10	10						
-12	12						
-14	14						
-16	16						
-18	18						

Checked By:

Project Name: Nu-Style Project Location: Franklin, Massachusetts	Site Id: B-04 Project Number: 2005-0458 B10	FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE STREET, SUITE 350, PROVIDENCE, RI 02908

Location: See map	Datum:	Logged By: S. Hubbs	Driller: S. Perry
Description: Soil Boring	Ground Elevation: 0.00'	Contractor: New England Geotech	Borehole Dia.: 2.00in
Date(s): 11/30/06 – 11/30/06	Coordinate X: 0.00	Drilling Method: Geoprobe	
Total Depth: 9.00'	Coordinate Y: 0.00	Back Fill:	

Remarks: Field Instrument: Photovac 2020
Refusal at 9.0 feet.
Pulled piece of granite bridge abutment out of abandoned first hole.

Back Fill		
type: Native Material	fm: 0.00'	to: 9.00'
type:	fm:	to:
type:	fm:	to:
type:	fm:	to:
type:	fm:	to:

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	PHOT
0		-07		0–0.3': Sand, F–M and gravel; light olive gray (5Y 2/2), dry. 0.3–5.0': SAND, F–M; some gravel; dusky brown (5YR 2/2).		SW	0 ppm
-2	2	N/A					
-4	4					SP	
		-08		SAND, F–M; some gravel; dusky brown (5YR 2/2), wet at 6.0 feet.			0 ppm
-6	6	N/A					
-8	8						
				Brick or rock. End of boring at 9.0 feet.		RK	
-10	10						
-12	12						
-14	14						
-16	16						
-18	18						

Checked By:

Project Name: Nu-Style Project Location: Franklin, Massachusetts	Site Id: B-05 Project Number: 2005-0458 B10	FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE STREET, SUITE 350, PROVIDENCE, RI 02908

Location: See map
Description: Soil Boring
Date(s): 11/30/06 – 11/30/06
Total Depth: 9.00'
Remarks: Field Instrument: Photovac 2020
Refusal at 9.0 feet.

Datum:
Ground Elevation: 0.00'
Coordinate X: 0.00
Coordinate Y: 0.00

Logged By: S. Hubbs
Contractor: New England Geotech
Drilling Method: Geoprobe
Back Fill:
type: Native Material fm: 0.00' to: 9.00'
type: fm: to:
type: fm: to:
type: fm: to:
type: fm: to:

Driller: S. Perry
Borehole Dia.: 2.00in

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	PHOT
0		N/A -09		0-0.4': ASPHALT. 0.4-1.4': Sand, F-M and gravel; trace coal/ash; dark yellowish brown (10YR 4/2), moist. 1.4-5.0': SAND, F, dusky yellow (5Y 6/4), moist.		AS SW	0 ppm
-2	2	N/A					
-4	4					SP	
		-10		5.0-6.2': Same as above. 6.2-9.0': Sand, M and gravel; dusky yellow (5Y 6/4), wet.			0 ppm
-6	6						
		N/A					
-8	8					SW	
				End of boring at 9.0 feet.			
-10	10						
-12	12						
-14	14						
-16	16						
-18	18						

Checked By:

Project Name: Nu-Style Project Location: Franklin, Massachusetts	Site Id: B-06 Project Number: 2005-0458 B10	FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE STREET, SUITE 350, PROVIDENCE, RI 02906

Location: See map
Description: Soil Boring
Date(s): 11/30/06 – 11/30/06
Total Depth: 8.00'
Remarks: Field Instrument: Photovac 2020
Refusal at 8.0 feet.

Datum:
Ground Elevation: 0.00'
Coordinate X: 0.00
Coordinate Y: 0.00

Logged By: S. Hubbs
Contractor: New England Geotech
Drilling Method: Geoprobe
Back Fill:
type: Native Material fm: 0.00' to: 8.00'
type: fm: to:
type: fm: to:
type: fm: to:
type: fm: to:

Driller: S. Perry
Borehole Dia.: 2.00in

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	PHOT
0		-11		0–0.5': SAND, F; some gravel; dusky brown (5YR 2/2), dry.		SW	0 ppm
		N/A		0.5–1.1': SAND, M; coal and ash; dusky brown (5YR 2/2), dry.		Fl	
		-12		1.1–5.0': Sand, M–C and gravel; dusky brown (5YR 2/2), moist.			
-2	2	N/A					
-4	4					SW	
		N/A		Sand, M and gravel; moderate brown (5YR 4/4), wet.			0 ppm
-6	6						
-8	8			End of boring at 8.0 feet.			
-10	10						
-12	12						
-14	14						
-16	16						
-18	18						

Checked By:

Project Name: Nu-Style Project Location: Franklin, Massachusetts	Site Id: B-10 Project Number: 2005-0458 B10	FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE STREET, SUITE 350, PROVIDENCE, RI 02908

Location: See map
Description: Soil Boring
Date(s): 12/01/06 – 12/01/06
Total Depth: 7.50'
Remarks: Field Instrument: Photovac 2020
Refusal at 7.5 feet.

Datum:
Ground Elevation: 0.00'
Coordinate X: 0.00
Coordinate Y: 0.00

Logged By: S. Hubbs
Contractor: New England Geotech
Drilling Method: Geoprobe

Driller: S. Perry
Borehole Dia.: 2.00in

Back Fill:

type	fm	to
Native Material	0.00'	7.50'

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	PHOT
0		-21		0–1.1': Sand, F–M and gravel; some silt; dusky brown (5YR 2/2). 1.1–1.3': BOULDER, granite. 1.3–5.0': Sand, F–M and gravel; some silt; dusky brown (5YR 2/2), moist.			0 ppm
-2	2	N/A					
-4	4					GM	
		-22		Sand, F–M and gravel; some silt; dusky yellow (5Y 6/4).			0 ppm
-6	6						
		N/A					
-8	8			End of boring at 7.5 feet.			
-10	10						
-12	12						
-14	14						
-16	16						
-18	18						

Checked By:

Project Name: Nu-Style Project Location: Franklin, Massachusetts	Site Id: B-11 Project Number: 2005-0458 B10	FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE STREET, SUITE 350, PROVIDENCE, RI 02908

Location: See map
Description: Soil Boring
Date(s): 12/01/06 – 12/01/06
Total Depth: 8.00'
Remarks: Field Instrument: Photovac 2020
Refusal at 8.0 feet.

Datum:
Ground Elevation: 0.00'
Coordinate X: 0.00
Coordinate Y: 0.00

Logged By: S. Hubbs
Contractor: New England Geotech
Drilling Method: Geoprobe
Back Fill:
type: Native Material fm: 0.00' to: 8.00'
type: fm: to:
type: fm: to:
type: fm: to:
type: fm: to:

Driller: S. Perry
Borehole Dia.: 2.00in

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	PHOT
0		-23		0–1.6': SAND, F–M, yellowish gray (5Y 7/2) to dusky brown (5YR 2/2) at 0.4 feet, dry. 1.6–2.4': SAND, F; some silt; trace gravel; yellowish gray (5Y 7/2), moist. 2.4–2.7': Sand, F and silt; wood or textile; moderate brown (5YR 3/4), moist. 2.7–5.0': SAND, F; some silt; trace gravel; yellowish gray (5Y 7/2), moist.		SW	0 ppm
-2	2	N/A					
-4	4						
		-24		Sand, F and silt; dusky brown (5YR 3/4), moist to wet at 6.2 feet.		SM	0 ppm
-6	6						
		N/A					
-8	8			End of boring at 8.0 feet.			
-10	10						
-12	12						
-14	14						
-16	16						
-18	18						

Checked By:

Project Name: Nu-Style Project Location: Franklin, Massachusetts	Site Id: B-12 Project Number: 2005-0458 B10	FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE STREET, SUITE 350, PROVIDENCE, RI 02908

Location: See map	Datum:	Logged By: S. Hubbs	Driller: S. Perry
Description: Soil Boring	Ground Elevation: 0.00'	Contractor: New England Geotech	Borehole Dia.: 2.00in
Date(s): 12/01/06 - 12/01/06	Coordinate X: 0.00	Drilling Method: Geoprobe	
Total Depth: 8.00'	Coordinate Y: 0.00	Back Fill:	

Remarks: Field Instrument: Photovac 2020
Refusal at 8.0 feet.

type:	fm:	to:
Native Material	0.00'	8.00'

Elevation	Depth	Sample No.	Recovery	Material Description	Graphic Log	USCS Code	PHOT
0		-25		0-0.9': SAND, F-M; some silt; trace gravel; dusky brown (5YR 3/4), moist. 0.9-1.2': Sand, F and coal/ash; moist. 1.2-5.0': SAND, F-M; trace gravel; moderate brown (5YR 4/4), moist to wet at 1.5 feet.		SM FI	0 ppm
-2	2	N/A					
-4	4					SW	
		N/A		No recovery.			
-6	6						
-8	8			End of boring at 8.0 feet.			
-10	10						
-12	12						
-14	14						
-16	16						
-18	18						

Checked By:

APPENDIX B

FORMER NU-STYLE COMPANY, INC.
PHASE II SITE ASSESSMENT

UNDERGROUND STORAGE TANK CLOSURE
ASSESSMENT REPORT

UST Closure Assessment Report

Former Nu-Style Company, Inc.
Franklin, Massachusetts

July 2007

FUSS & O'NEILL
Disciplines to Deliver

275 Promenade Street
Suite 350
Providence, RI 02908

FUSS & O'NEILL

Disciplines to Deliver

July 30, 2007

Mr. Jeffrey Nutting
Town Administrator
Franklin Municipal Building
355 East Central Street
Franklin, MA 02038

Re: UST Closure Assessment Report
Former Nu-Style Company, Inc.
87 Grove Street
Franklin, Massachusetts

Dear Mr. Nutting:

The purpose of this letter is to present the enclosed Underground Storage Tank Closure Assessment Report regarding the former Nu-Style Company, Inc. Fuss and O'Neill, Inc. (Fuss & O'Neill) prepared this report on behalf of the Town of Franklin, Massachusetts, and County of Norfolk, Massachusetts (Norfolk County).

Please feel free to contact us if you require any additional information or have any questions regarding this report.

Sincerely,

David J.P. Foss, C.P.G.
Senior Hydrogeologist

Enclosure: UST Closure Assessment Report

cc: Ms. Stephanie Mercandetti, Norfolk County
Chief Gary McCarraher, Franklin Fire Department
File

The Foundry Corporate Office Center
275 Promenade Street
Suite 350
Providence, RI 02908

t (401) 861-3070
(800) 286-2469
f (401) 861-3076

www.FandO.com

Rhode Island
Connecticut
Massachusetts
New York
North Carolina
South Carolina

F:\P2005\0458\A10\15-87 Grove St\UST Closure\CAR\USTClosure-050307-sah.doc
Corres. (RI)

UST CLOSURE ASSESSMENT REPORT
Former Nu-Style Company, Inc.
Franklin, Massachusetts

TABLE OF CONTENTS

UST CLOSURE ASSESSMENT REPORT
Former Nu-Style Company, Inc.
Franklin, Massachusetts

TABLE OF CONTENTS (continued)

APPENDICES END OF REPORT

1.0 INTRODUCTION

The purpose of this report is to document an underground storage tank (UST) closure assessment performed in accordance with Massachusetts Department of Environmental Protection (MADEP) *Underground Storage Tank Closure Assessment Manual* (DEP Policy # WSC-402-96), the Quality Assurance Project Plan (QAPP) Addendum, Revision 2.0, prepared by Fuss & O'Neill and approved by the United States Environmental Protection Agency on April 23, 2007, and the Order of Conditions dated March 22, 2007, issued by the Town of Franklin Conservation Commission.

The subject site is located at 87 Grove Street in Franklin, Massachusetts. A site location map is included as Figure 1. Removal activities for one UST at the subject site occurred on May 1 and 2, 2007. The closure activities were completed by TMC Services, Inc. (TMC) of Bellingham, Massachusetts, and observed by Fuss & O'Neill and are described below.

1.1 Objectives

The objectives of this report are to:

- Summarize closure activities associated with the UST at the subject site.
- Present analytical results of samples of environmental media collected during closure assessment activities.

1.2 Site Description

The subject site is a former jewelry manufacturing facility located at 87 Grove Street in Franklin, Massachusetts. The subject site has been identified as the Town of Franklin Tax Assessor's Map 276, Lot 22 and Lot 27. A vacant, partially dilapidated two-story building with a footprint of approximately 11,800 square feet is situated on Lot 27, and a vacant one and one-half-story building with a footprint of approximately 4,000 square feet sits on Lot 22. Mine Brook flows westward along the southern side of the Lot 27 building and turns northward to form the western boundary of Lot 22. A 5,000-gallon # 2 heating oil UST was buried beneath a concrete pad located along the western side of the Lot 27 building. A site plan is included as Figure 2.

1.3 Physical Setting of Site

1.3.1 Physiographic Setting

The topography of the site was generally flat, except at the banks of the Mine Brook, where the topography dropped steeply to the river bed (USGS, 1987). The regional topography was hilly and generally drained to Mine Brook.

Surficial material at the site was mapped as loamy udorthents, which generally consist of moderately coarse-grained, deep and moderately deep, fairly well-drained soils (USDA, 2006). Fill described as sand, gravel, silt, and, in some cases, wood and brick was observed to depths of up to 12 feet during drilling conducted on the site as part of the Phase II documented herein.

Bedrock beneath the site was mapped as the grayish-pink to greenish-gray, equigranular to slightly porphyritic Dedham Granite (Zen, 1983). Bedrock was not encountered during drilling and was not visible on or in the immediate vicinity of the site.

1.3.2 Groundwater

According to the Massachusetts Contingency Plan (310 CMR 40.0932), groundwater at the subject site is classified as GW-2/GW-3. All groundwater in the Commonwealth of Massachusetts is considered a potential source of discharge to surface water and, therefore, is categorized, at a minimum, as class GW-3.

GW-2 also applies to the site because groundwater at the site is typically present at depths of less than 15 feet below grade and, at the northern portion of the site, is within 30 feet of a potentially occupied building. In addition, it is likely that regularly occupied structures will be present at the site subsequent to redevelopment. Category GW-2 groundwater is considered a potential source of vapors of oil and/or hazardous material to indoor air.

The site is not located within a MADEP Zone II (aquifer protection area), potentially productive aquifer, or other GW-1 inclusionary criteria (MassGIS, 2007); therefore, a classification of GW-1 does not apply to the property.

No public water supply wells were located within an approximately 0.5 mile radius of the subject site.

2.0 UST CLOSURE ASSESSMENT

UST closure services were performed by TMC on May 1 and 2, 2007. Prior to uncovering the UST on May 1, liquid with an oily sheen was transferred from a partially open drum resting on the concrete tank pad, into a new 55-gallon steel drum. Two additional drums containing unknown liquid were moved to a staging area for offsite disposal. An abandoned 275 gallon above-ground storage tank (AST) containing a small volume of oil was also removed from the concrete tank pad, cut and cleaned onsite. Oil removed from the AST was stored in a 55-gallon steel drum onsite.

2.1 UST Information

A single-walled steel UST, which stored # 2 heating oil, was located along the western side of the Lot 27 building. The UST was buried beneath a raised concrete pad. Several open pipes were observed protruding from the Lot 27 building in the vicinity of the supply line of the UST, potentially indicating the former presence of an oil heating/ cooling system. The potential presence of an oil heating/cooling system suggests that the UST at one time stored # 6 oil. The UST had a 5,000-gallon capacity, was 7 feet in diameter, and was 17.5 feet in length. The location of the UST at the site is depicted on Figure 2.

The supply and vent lines were located above the concrete tank pad, and were of single-walled steel construction. Prior to the removal of the UST the supply and vent piping was removed.

2.2 UST Uncovering and Emptying

The tank manway was located at ground level, and was surrounded by a reinforced concrete pad. The concrete pad was removed and the top of the UST was then uncovered with an excavator. The UST was opened and cleaned in place. All remaining liquid was removed from the tank and stored in 55-gallon steel drum. All liquid removed from the UST and AST, and from three drums found onsite was transported by TMC to General Chemical Corporation of Framingham, Massachusetts. The disposal waste manifest is attached as Appendix A.

2.3 Soil Excavation

The material surrounding the UST consisted primarily of light brown to yellow, fine to medium sand and gravel. To minimize the potential for erosion, excavated material was stockpiled on polyethylene sheeting and surrounded with haybales, near the northeast corner of the Lot 27 building, outside of the 100-foot buffer from Mine Brook. Erosion control measures were installed and maintained for the duration of the excavation activities in accordance with the Order of Conditions issued by the Franklin Conservation Commission.

2.3.1 Soil Staining

No soil staining was observed during the excavation and tank removal.

2.4 Soil Screening, Excavation, and Segregation

In accordance with the QAPP, soil in the vicinity of the tanks was visually inspected and screened with a photoionization detector (PID) during the UST excavation. No soil showed a VOC screening level above the instrument detection limit of 1.0 part-per-million (ppm), and therefore no soil was stockpiled for offsite disposal.

2.5 UST Removal

The single-walled steel UST was removed at the site by TMC on May 2, 2007. UST removal activities were witnessed by a representative of the Franklin Fire Department. The UST and the abandoned AST were transported to Allied Recycling Center, Inc., of Walpole, Massachusetts. Tank disposal documentation is attached as Appendix B. The Department of Fire Services Application and Permit for Storage Tank Removal and Disposal is attached as Appendix C.

Groundwater was not encountered during UST removal activities. As the UST was exhumed with the excavator, no visible staining or damage was observed on the outer wall of the tank. Photographic documentation of the tank condition is attached as Appendix E.

3.0 CONFIRMATION SAMPLES

In accordance with the QAPP, upon reaching the maximum extent of excavation and removal of the UST, a total of six confirmation samples were collected and sent to Premier Laboratory of Dayville, Connecticut for analysis for priority pollutant 13 (PP-13) metals, volatile organic compounds (VOCs) and petroleum hydrocarbons by MADEP volatile petroleum hydrocarbon (VPH) and extractable petroleum hydrocarbon (EPH) methods. Sample locations are depicted

on Figure 2. The confirmatory soil sampling data are summarized in Table 1 and the laboratory report is attached as Appendix F.

4.0 DATA ANALYSIS/RISK CHARACTERIZATION

All six soil samples showed detectable concentrations of metals, VOCs, and/or petroleum hydrocarbons. In accordance with the QAPP, soil analytical results were compared to the MADEP Method 1 soil standards and reportable concentrations for the RCS-1 reporting category. No soil sample collected during the closure assessment contained compounds at levels in excess of the regulatory criteria and/or reportable concentrations.

5.0 SITE RECONSTRUCTION

Upon completion of UST removal activities the tank grave was backfilled with clean material excavated from the tank grave, and with clean gravel derived from the Kimball Sand Company, Inc., of Mendon, Massachusetts. An approximately one foot-thick layer of ¾-inch crushed stone was applied as cover material in accordance with the Order of Conditions. Following backfilling activities the erosion control barrier, consisting of staked haybales, was moved from the limit of the work area and was constructed around the limit of the excavation.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this closure assessment, the following conclusions and recommendations were made:

1) The UST was in fair condition, and no evidence of a release of petroleum was observed.

2) The six confirmatory soil samples from the tank grave showed no exceedences of applicable MADEP regulatory and reporting criteria.

7.0 REFERENCES

Fuss & O'Neill, 2007. Quality Assurance Project Plan Addendum, Revision 2.0, Former Nu-Style Company, Inc. Facility, RFA# 07011, March 2007.

MADEP, 2006. Massachusetts Contingency Plan, 310 CMR 40.0000.

MassGIS, 2007. Massachusetts Geographic Information System, available on-line at http://maps.massgis.state.ma.us/massgis_viewer/index.htm, accessed May 2007.

USDA, 2006. United States Department of Agriculture, Natural Resources Conservation Services Soil Survey Geographic (SSURGO) Data Base, updated 2006.

United States Geological Survey, 1987, Franklin, Massachusetts-Rhode Island Quadrangle, 7.5 x 15-Minute Series Topographic Map; United States Department of the Interior, U.S. Geological Survey.

Zen, E-an; 1983, Bedrock Geologic Map of Massachusetts; United State Department of the Interior, U.S. Geological Survey, in cooperation with the Commonwealth of Massachusetts Department of Public Works and Joseph A. Sinnot, State Geologist.

FUSS & O'NEILL

Table 1
Summary of Soil Analytical Data and Objectives

Former Nu-Style Company, Inc.
Grove Street
Franklin, Massachusetts

UST Closure Assessment Report
Prepared for the County of Norfolk, Massachusetts

June 2007

Sample Location Sample Number Sample Depth (fbg)		East Sidewall 841070502-01 3.0	West Sidewall 841070502-02 4.0	North Sidewall 841070502-03 3.0	East Bottom 841070502-04 8.0	West Bottom 841070502-05 9.0	South Sidewall 841070502-06 4.0
Metals (Method 6010)							
Arsenic	mg/kg	1.0	0.69	0.69	0.77	0.65	1.3
Barium	mg/kg	30	13	12	16	10	30
Beryllium	mg/kg	0.057	0.057	ND < 0.052	0.064	0.067	ND < 0.052
Cadmium	mg/kg	0.36	0.29	ND < 0.10	0.39	0.13	0.26
Chromium	mg/kg	3.6	1.7	0.72	3.2	1.0	1.2
Copper	mg/kg	32	13	4.3	60	11	18
Lead	mg/kg	46	3.6	1.2	45	3.7	30
Nickel	mg/kg	190	3.3	5.3	280	8.0	30
Zinc	mg/kg	94	13	7.0	120	13	26
EPH (MADEP Method)							
C9-C18 Aliphatics	µg/kg	19,000	ND < 10,000	ND < 10,000	66,000	ND < 10,000	ND < 10,000
C19-C36 Aliphatics	µg/kg	61,000	ND < 10,000	ND < 10,000	140,000	ND < 10,000	ND < 10,000
C11-C22 Aromatics	µg/kg	54,000	ND < 10,000	ND < 10,000	59,000	ND < 10,000	ND < 10,000
Acenaphthylene	µg/kg	380	ND < 100	ND < 100	160	ND < 100	ND < 100
Anthracene	µg/kg	320	ND < 100	ND < 100	170	ND < 100	ND < 100
Benzo[a]anthracene	µg/kg	640	ND < 100	ND < 100	410	ND < 100	ND < 100
Benzo[a]pyrene	µg/kg	1,100	ND < 100	ND < 100	360	ND < 100	ND < 100
Benzo[b]fluoranthene	µg/kg	520	ND < 100	ND < 100	180	ND < 100	ND < 100
Benzo[k]fluoranthene	µg/kg	ND < 100	ND < 100	ND < 100	270	ND < 100	ND < 100
Fluoranthene	µg/kg	2,000	ND < 100	ND < 100	1100	ND < 100	ND < 100
Fluorene	µg/kg	ND < 100	ND < 100	ND < 100	120	ND < 100	ND < 100
Indeno(1,2,3-cd)pyrene	µg/kg	260	ND < 100	ND < 100	ND < 97	ND < 100	ND < 100
Phenanthrene	µg/kg	860	ND < 100	ND < 100	610	ND < 100	ND < 100
Pyrene	µg/kg	1,300	ND < 100	ND < 100	570	ND < 100	ND < 100
VOCs (Method 8260)							
Acetone	µg/kg	8.8	6.0	7.2	ND < 5.0	9.3	7.9
Tetrachloroethene	µg/kg	46	6.5	ND < 6.0	12	ND < 5.2	ND < 4.8
1,1,1-trichloroethane	µg/kg	ND < 5.6	ND < 4.8	ND < 6.0	12	ND < 5.2	ND < 4.8
Trichloroethene	µg/kg	6.9	ND < 4.8	ND < 6.0	11	ND < 5.2	ND < 4.8

NOTES:
ND < X: Compound not detected above laboratory reporting limit
EPH: Extractable petroleum hydrocarbons
VOCs: Volatile organic compounds
fbg : feet below grade
mg/kg : milligrams per kilogram
µg/kg : micrograms per kilogram

Created by SAH
Reviewed by TJC

FUSS & O'NEILL

Table 2
Summary of MADEP Regulatory Criteria for Detected Parameters in Soil

Former Nu-StyleCompany, Inc.
Grove Street
Franklin, Massachusetts

UST Closure Assessment Report
Prepared for the County of Norfolk, Massachusetts

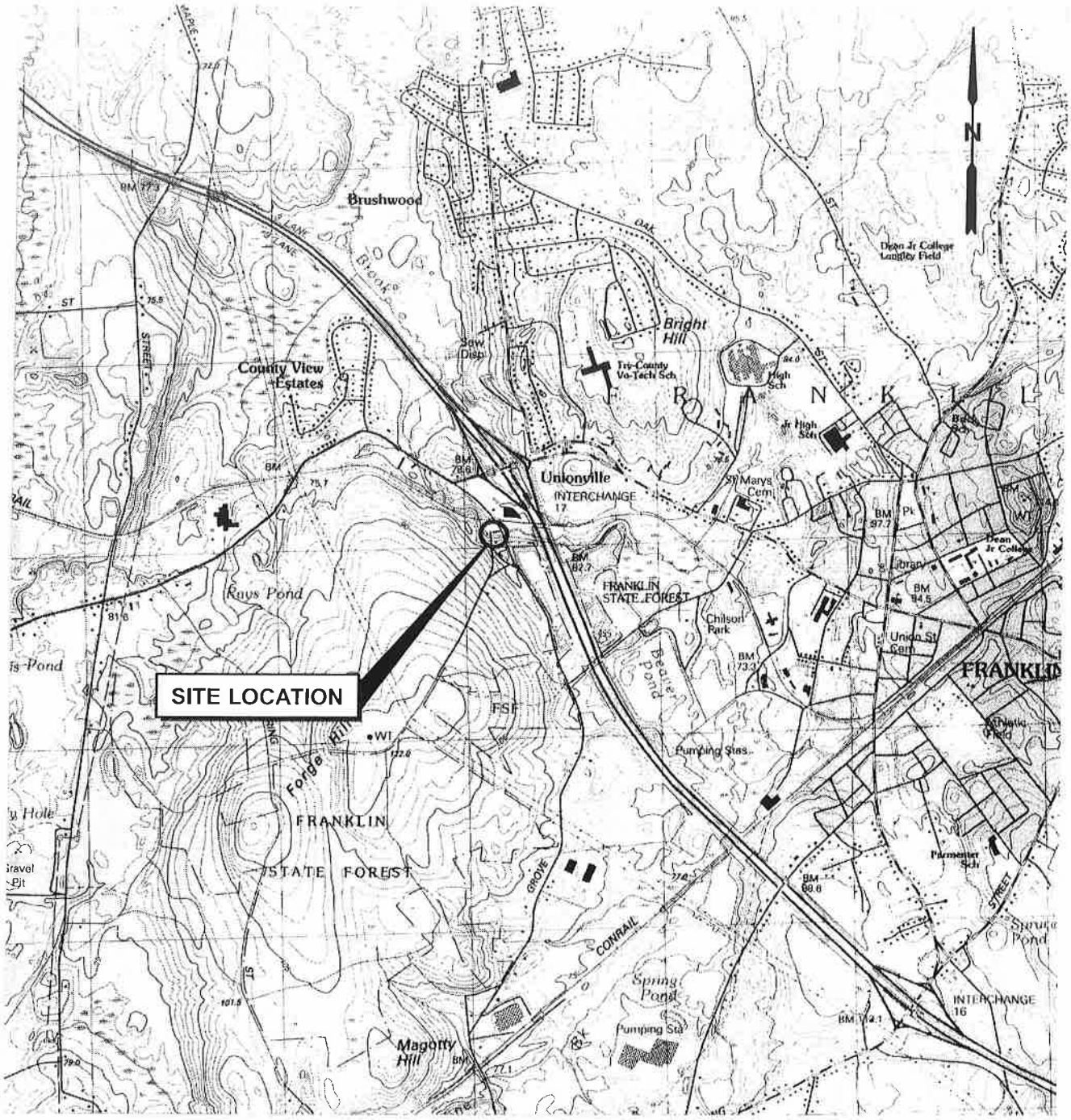
June 2007

		MADEP Regulatory Criteria for Soil									
		MA Method 1 S-1 Std Application for GW-1 area	MA Method 1 S-1 Std Application for GW-2 area	MA Method 1 S-1 Std Application for GW-3 area	MA Method 1 S-2 Std Application for GW-1 area	MA Method 1 S-2 Std Application for GW-2 area	MA Method 1 S-2 Std Application for GW-3 area	MA Method 1 S-3 Std Application for GW-1 area	MA Method 1 S-3 Std Application for GW-2 area	MA Method 1 S-3 Std Application for GW-3 area	MADEP RCS-1
Total Metals (via Method 6010/7471)	UNITS										
Arsenic	(mg/kg)	20	20	20	20	20	20	20	20	20	20
Barium	(mg/kg)	1,000	1,000	1,000	3,000	3,000	3,000	5,000	5,000	5,000	1000
Beryllium	(mg/kg)	1	1	1	1	1	1	3	3	3	2.7
Cadmium	(mg/kg)	2	2	2	30	30	30	30	30	30	2
Chromium	(mg/kg)	30	30	30	200	200	200	200	200	200	1000
Copper	(mg/kg)	----	----	----	----	----	----	----	----	----	1000
Lead	(mg/kg)	300	300	300	300	300	300	300	300	300	300
Nickel	(mg/kg)	20	20	20	700	700	700	700	700	700	20
Zinc	(mg/kg)	2,500	2,500	2,500	3,000	3,000	3,000	5,000	5,000	5,000	2500
EPH (via MADEP Method)											
C9-C18 Aliphatics	(µg/kg)	1,000,000	1,000,000	1,000,000	2,500,000	2,500,000	2,500,000	5,000,000	5,000,000	5,000,000	1,000,000
C19-C36 Aliphatics	(µg/kg)	2,500,000	2,500,000	2,500,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	2,500,000
C11-C22 Aromatics	(µg/kg)	200,000	800,000	800,000	200,000	2,000,000	2,000,000	200,000	5,000,000	5,000,000	200,000
Acenaphthylene	(µg/kg)	100,000	100,000	100,000	100,000	2,500,000	1,000,000	100,000	2,500,000	1,000,000	100,000
Anthracene	(µg/kg)	1,000,000	1,000,000	1,000,000	2,500,000	2,500,000	2,500,000	5,000,000	5,000,000	5,000,000	100,000
Benzo(a)anthracene	(µg/kg)	7,000	7,000	7,000	40,000	40,000	40,000	300,000	300,000	300,000	7,000
Benzo(a)pyrene	(µg/kg)	2,000	2,000	2,000	4,000	4,000	4,000	30,000	30,000	30,000	2,000
Benzo(b)fluoranthene	(µg/kg)	7,000	7,000	7,000	40,000	40,000	40,000	300,000	300,000	300,000	7,000
Benzo(k)fluoranthene	(µg/kg)	70,000	70,000	70,000	400,000	400,000	400,000	3,000,000	3,000,000	3,000,000	70,000
Fluoranthene	(µg/kg)	1,000,000	1,000,000	1,000,000	3,000,000	3,000,000	3,000,000	5,000,000	5,000,000	5,000,000	1,000,000
Fluorene	(µg/kg)	400,000	1,000,000	1,000,000	400,000	3,000,000	2,000,000	400,000	5,000,000	4,000,000	400
Indeno (1,2,3-cd)pyrene	(µg/kg)	7,000	7,000	7,000	40,000	40,000	40,000	300,000	300,000	300,000	7,000
Phenanthrene	(µg/kg)	700,000	1,000,000	100,000	700,000	2,500,000	100,000	700,000	2,500,000	100,000	100,000
Pyrene	(µg/kg)	1,000,000	1,000,000	1,000,000	3,000,000	3,000,000	3,000,000	5,000,000	5,000,000	5,000,000	1,000,000
VOCs (via Method 8260B)											
Acetone	(µg/kg)	3,000	60,000	60,000	3,000	60,000	60,000	3,000	60,000	60,000	3,000
Tetrachloroethene	(µg/kg)	1,000	10,000	30,000	1,000	10,000	200,000	1,000	10,000	1,000,000	1,000
1,1,1-trichloroethane	(µg/kg)	30,000	500,000	500,000	30,000	600,000	1,000,000	30,000	600,000	3,000,000	30,000
Trichloroethene	(µg/kg)	300	2,000	90,000	300	2,000	700,000	300	2,000	2,000,000	300

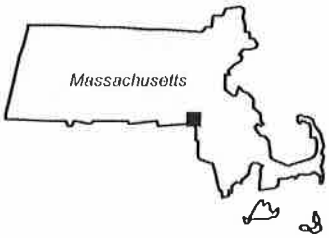
NOTES:
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
--- = not established
S = soil

MADEP = Massachusetts Department of Environmental Protection
RCS-1 = reportable concentrations for Reporting Category RCS-1 classified soil
VPH = volatile petroleum hydrocarbons
VOCs = volatile organic compounds
EPH = extractable volatile compounds

Created by: SAH
Reviewed by: JJC



MAP REFERENCE:
THIS MAP WAS PREPARED FROM THE FOLLOWING
7.5 MINUTE SERIES TOPOGRAPHIC MAP:
FRANKLIN, MASSACHUSETTS-RHODE ISLAND, 1987



0 1000 2000'
APPROX. GRAPHIC SCALE
SCALE: 1"=2083'

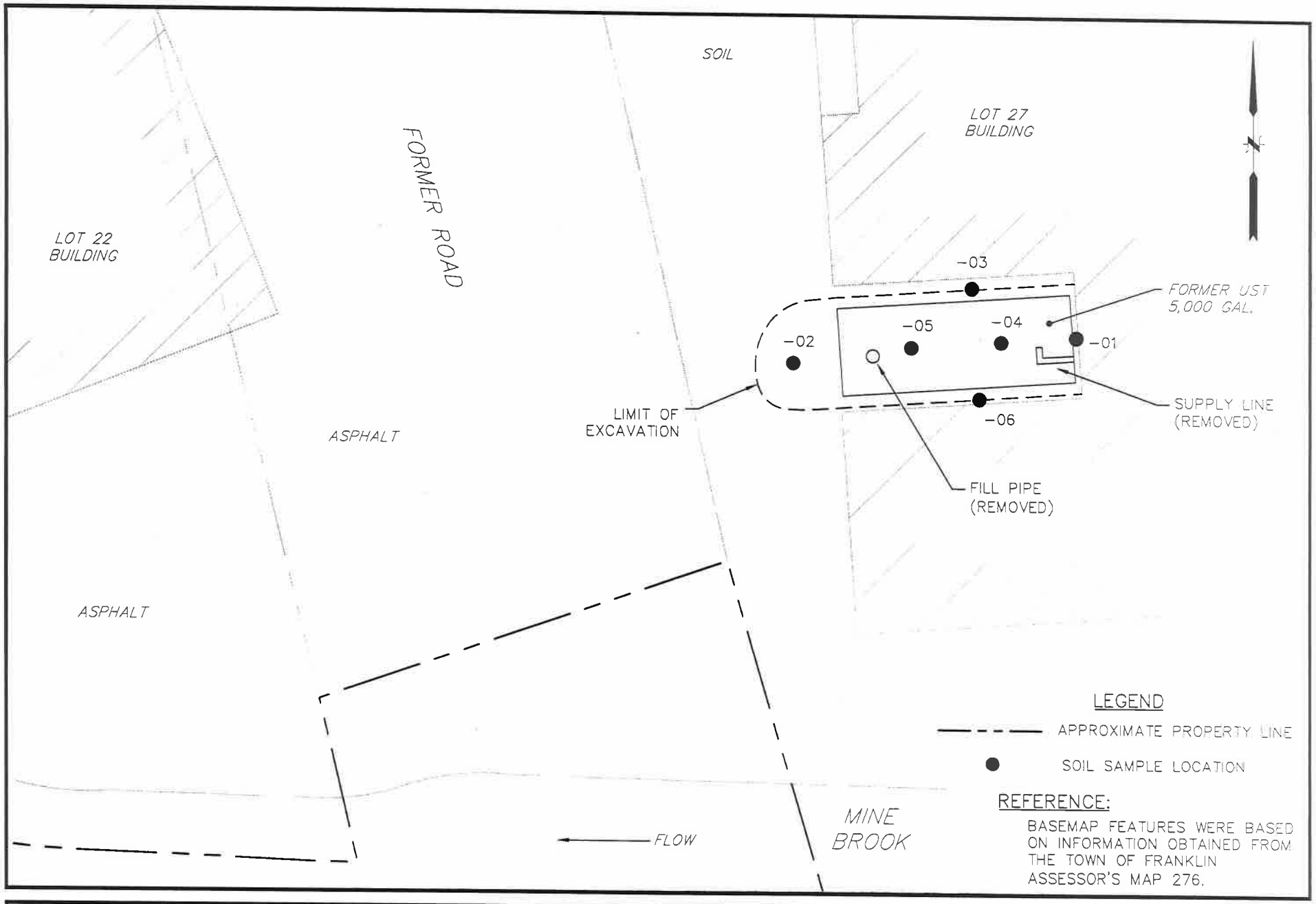
FUSS & O'NEILL
Disciplines to Deliver
FOUNDRY CORPORATE OFFICE CENTER
275 PROMENADE ST, SUITE 350, PROVIDENCE RI 02908
401-861-3070 www.FandO.com

NORFOLK COUNTY, MASSACHUSETTS
SITE LOCATION MAP
FORMER NU-STYLE COMPANY, INC.
87 GROVE STREET FRANKLIN, MASS

PROJ. No: 2006.0458.A10
DATE: JULY 2007

FIGURE 1

F:\P2005\0458\A10\15-87 Grove St\UST Closure\CAR\Figures\Fig1.ppt



SCALE:
HORZ: 1" = 10'
VERT:
DATUM:
HORZ:
VERT:
0 5 10
GRAPHIC SCALE

WWW.FandO.COM

FUSS & O'NEILL
Discipline to Deliver

275 PROMENADE ST SUITE 350 PROVIDENCE RI 02908 401.861.3070

FORMER NU-STYLE COMPANY, INC. FACILITY

SITE PLAN - UST AREA DETAIL

87 GROVE STREET

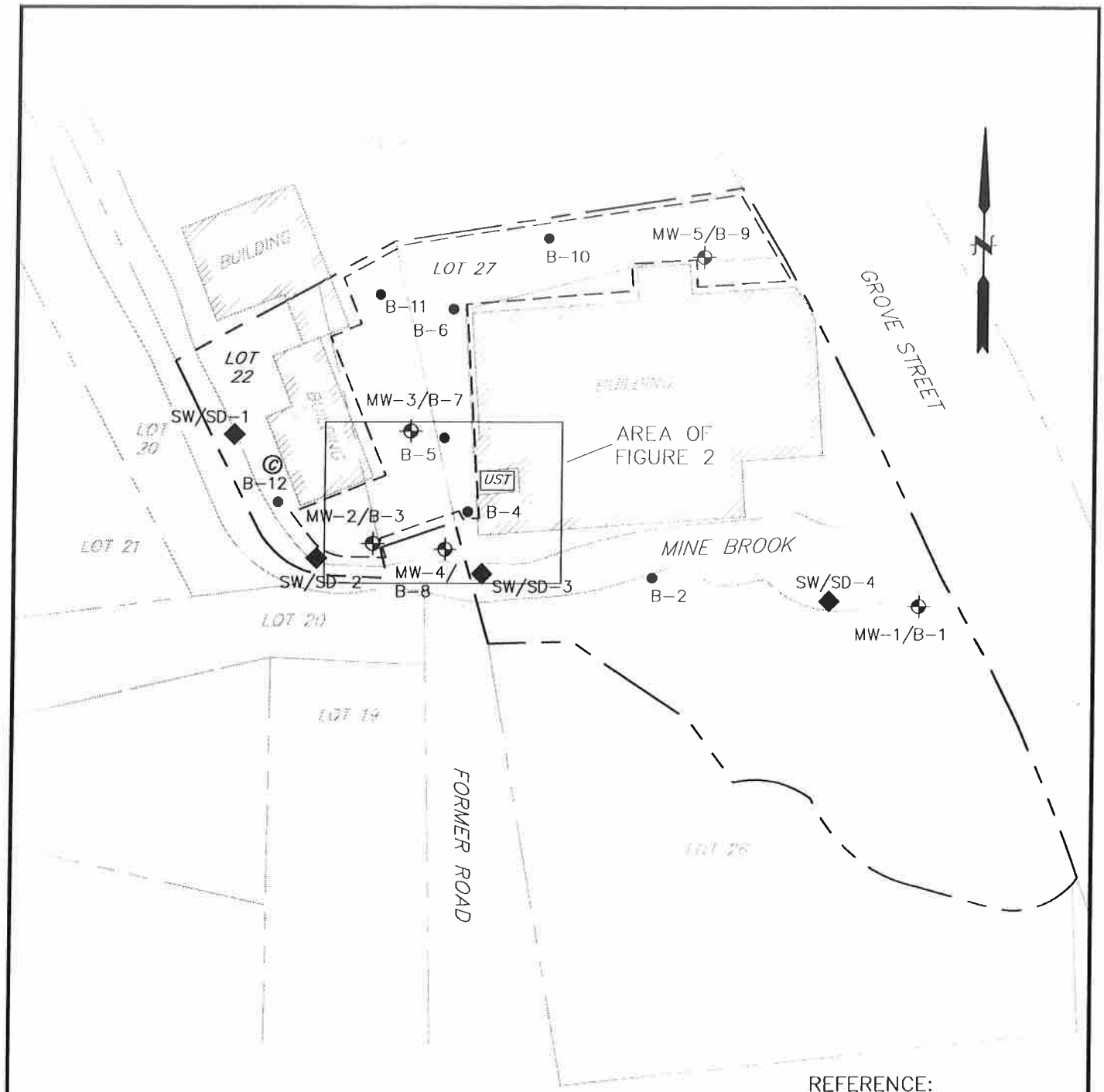
FRANKLIN MASSACHUSETTS

PROJ. No.: 20050458.A10
DATE: JULY 2007

FIGURE
2

File Path: F:\Dwg\P20050458\A10\050458A10_STP003.dwg, Layout: SITE PLAN 2
Date: Wed, Jul 10, 2007 - 10:04 AM User: SHubbs

CTB: FO_STANDARD(HALF) | I-MAN: | MS VIEW: MS10 | UCS: WRLD



LEGEND

- APPROXIMATE PROPERTY LINE
- UST — LOCATION OF UST (REMOVED)
- APPROXIMATE GPR SURVEY AREA
- MONITORING WELL
- SOIL BORING
- APPROXIMATE LOCATION OF SURFACE WATER AND SEDIMENT SAMPLE
- c — APPROXIMATE LOCATION OF CONCRETE POTENTIALLY ASSOCIATED WITH A TUNNEL/WATER RUN

REFERENCE:

BASEMAP FEATURES WERE BASED ON INFORMATION OBTAINED FROM THE TOWN OF FRANKLIN ASSESSOR'S MAP 276.

SCALE: HORZ.: 1" = 60' VERT.: DATUM: HORZ.: VERT.: 0 30 60 GRAPHIC SCALE	WWW.FandO.COM FUSS & O'NEILL *Disciplines to Deliver* 275 PROMENADE ST SUITE 350 PROVIDENCE RI 02908 401.861.3070	FORMER NU-STYLE COMPANY INC SITE PLAN 87 GROVE STREET FRANKLIN MASSACHUSETTS	PROJ. No.: 20050458.A10 DATE: JULY 2007 FIGURE 3

File Path: F:\Dwg\P2005\0458\B10\Phase\I_update_0504588B10_STP001.dwg, Layout: 08.5x11-P_RI21_HP8000 - UST CLOSURE Wed, Jul 18, 2007 - 10:32 AM User: SHubbs

UCS: | MS VIEW: | LMAN: | CTB:

APPENDIX A

Waste Disposal Documentation

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MAD005520423
2. Page 1 of: 1
3. Emergency Response Phone: [illegible]
4. Manifest Tracking Number: 008574197 FLE

5. Generator's Name and Mailing Address
Town of Franklin Conservation Com.
355 East Central Street
Franklin MA 02038
Generator's Phone: 508 520-4929

Generator's Site Address (if different than mailing address)
Town of Franklin Conservation Com.
87 Grove Street
Franklin MA 02038

6. Transporter 1 Company Name: TMC Services, Inc
U.S. EPA ID Number: MAR000002138

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
General Chemical Corporation
133-135 Leland Street
Framingham MA 01702
Facility's Phone: 508 872-6000
U.S. EPA ID Number: MAD001871072

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. Non-RCRA, non-DOT State regulated oily solids	XXX 6	DM	1600	P	MA01		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
TMC Job # 1007-152 PO 07202

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Jeffrey Lutkus
Signature:
Month 05 Day 02 Year 07

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Rob M. Hor
Signature:
Month 05 Day 02 Year 07

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Stephen Lorenzo
Signature:
Month 05 Day 02 Year 07

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

APPENDIX B

Tank Disposal Documentation

Form FP 291

Commonwealth of Massachusetts
Department of Fire Services - Office of the State Fire Marshal
RECEIPT OF DISPOSAL OF UNDERGROUND STEEL STORAGE TANK

NAME AND ADDRESS OF APPROVED TANK YARD

Allied Recycling Center, Inc.
1901 Main Street
Walpole, MA 02081

APPROVED TANK YARD NO. 0015 Tank Yard Ledger 502 CMR 3.03 (4) Number: 2007000070

I certify under penalty of law I have personally examined the underground steel storage tank delivered to this "approved tank yard" by firm, corporation or partnership TNC Corporation and accepted same in conformance with Massachusetts Fire Prevention Regulation 502 CMR 3.00 Provisions for Approving Underground Steel Storage Tank dismantling yards. A valid permit was issued by LOCAL Head of Fire Department. FDID# N/A to transport this tank to this yard.

Name and official title of approved tank yard owner or owners authorized representative:

SIGNATURE Gen'l Manager TITLE 5/2/07 DATE SIGNED

This signed receipt of disposal must be returned to the local head of the fire department FDID# N/A pursuant to 502 CMR 3.00.

EACH TANK MUST HAVE A RECEIPT OF DISPOSAL

TANK DATA

Gallons 5000

Previous Contents ±2001

Diameter 8 **Length** 16

Date Received 5/2/07

Serial # (if available) _____

Tank I.D. # (Form FP-290) _____

TANK REMOVED FROM

87 Guinea St
(No. and Street)

Franklin MA
(City or Town)

Fire Department Permit # N/A

Owner/Operator to mail revised copy of Notification Form (FP290, or FP290R) to : UST Compliance, Office of the State Fire Marshal, P.O. Box 1025 State Road, Stow, MA 01775.

APPENDIX C

Department of Fire Services
Application and Permit for Storage Tank Removal/Disposal

Commonwealth of Massachusetts

Department of Fire Services – Board of Fire Prevention

APPLICATION and PERMIT

Fee: _____

for storage tank removal and transportation to approved tank disposal yard in accordance with the provisions of M.G.L. Chapter 148, Section 38A, 527 CMR 9.00, application is hereby made by:

Tank Owner

Tank Owner Name (please print) Town of Franklin (Former Nu-Style Build.) X _____ (Signature (if applying for permit))

Address 87 Grove St Franklin MA (Street / City / State / Zip)

Removal Contractor

Company Name TMC Services Inc. (Print)

Address 1 Williams Way, Bellingham, Mass.02019 (Print)

Signature (if applying for permit) _____

☒ IFCI Certified Other _____

Contamination Assessment

Co. or Individual Fuss & O'Niell Inc (Print)

Address 275 Promenade St. Providence, MA (Print)

Signature (if applying for permit) _____

☐ IFCI Certified ☐ LSP # _____ Other _____

Tank Information

Tank Location 87 Grove St Franklin MA (Street Address / City)

Tank Capacity (gallons) 5000 + 275 SPP. Substance Last Stored #2 Oil

Tank Dimensions (diameter x length) 8 ft X 16 ft

Remarks: Rear of building

Disposal Information

Firm transporting waste TMC Services Inc. State Lic. # #475

Hazardous waste manifest# TBD E.P.A. # MAR000502138

Approved tank disposal yard Allied Recycling Tank yard # 0015

Type of inert gas N/A Tank yard address 1901 Main St. Walpole, MA

Approvals

City or Town Franklin, MA FDID# _____ Permit# _____

Date of issue _____ Date of expiration _____

Dig safe approval number: 20071709605 Dig Safe Toll Free Tel. Number - 800-322-4844

Signature / Title of Officer granting permit Capt [signature] Fire Prevention

After removal(s) send Form FP-290R signed by Local Fire Dept. to UST Regulatory Compliance Unit, One Ashburton Place, Room 1310, Boston, MA 02108-1618.

FP-292 (revised 9/96)

APPENDIX D

Clean Fill Receipt

Kimball Sand Company, Inc.
P. O. Box 29, Mendon, Massachusetts 01756
Tel: (508) 883-1798 Fax: (508) 883-1998
www.kimballsand.com

Date:

Sold to: 7-152

TMC Services Inc

Trucker TMC 212 Pit B-K Sub

Waiting Time and Reason

TDP

Ship to: @ Pit

Bellingham, MA

P.O.# 2975

76220	Gross
27640	Tare
48580	Net
24.29	Tons

127	Washed Sand	Sand / Salt Mix	
3" Gravel		Processed Gravel	
	Stone	Recycled Asphalt	

Received By	Driver On	Driver Off	Sworn Weigher

1 ½ % per month collection on accounts past due. Purchaser agrees to pay all cost of collection including reasonable attorney fees.

WE WILL ASSUME NO RESPONSIBILITY FOR ANY DAMAGE WHERE DELIVERY IS MADE ON DRIVEWAY OR OVER CURB OR WALK

White - Office Yellow - Billing Pink - Dispatch Gold - Customer

Order # 90200

Kimball Sand Company, Inc.
P. O. Box 29, Mendon, Massachusetts 01756
Tel: (508) 883-1798 Fax: (508) 883-1998
www.kimballsand.com

Date: 05/02/07

Sold to: 7-152

TMC Services Inc

Trucker TMC 212 Pit B-K Sub

Waiting Time and Reason

TDP

Ship to: @ Pit

Bellingham, MA

P.O.# 2975

56800	Gross
27540	Tare
29260	Net
14.63	Tons

212	Washed Sand	Sand / Salt Mix	
3/4" Stone		Processed Gravel	
	Stone	Recycled Asphalt	

Received By	Driver On	Driver Off	Sworn Weigher

1 ½ % per month collection on accounts past due. Purchaser agrees to pay all cost of collection including reasonable attorney fees.

WE WILL ASSUME NO RESPONSIBILITY FOR ANY DAMAGE WHERE DELIVERY IS MADE ON DRIVEWAY OR OVER CURB OR WALK

White - Office Yellow - Billing Pink - Dispatch Gold - Customer

APPENDIX E

Site Photographs

FORMER NU-STYLE COMPANY, INC.
FRANKLIN, MASSACHUSETTS
CLOSURE ASSESSMENT REPORT PHOTOGRAPHS

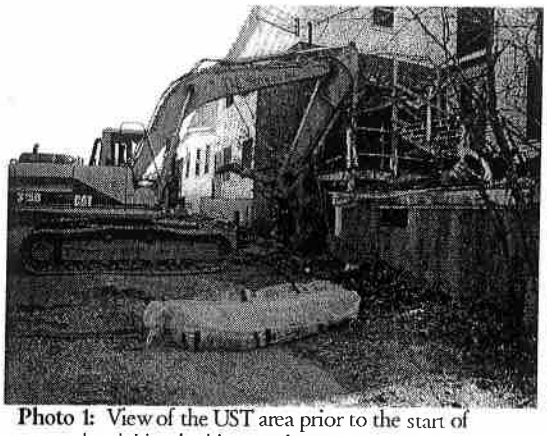


Photo 1: View of the UST area prior to the start of removal activities, looking northeast.

Photo 2: Close-up view of the UST area, looking east. Concrete tank pad was covered with debris. UST fill pipe (lower left) and vent pipe (upper right) are visible.

Photo 3: View of drums that contained oily liquids, found onsite prior to the start of UST removal activities, looking east.

Photo 4: View of the erosion control barrier, looking north.

Photo 7: View of the UST area following demolition of wooden stairs and drum removal, looking east.

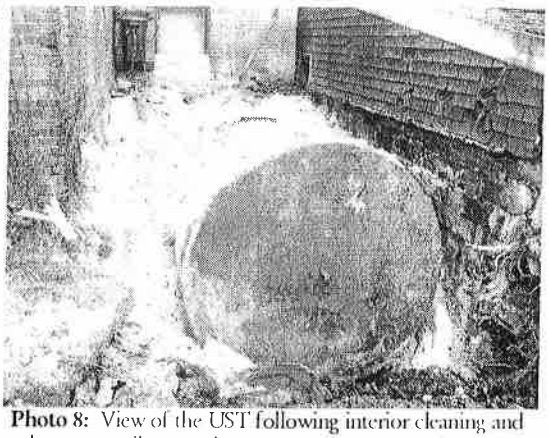


Photo 8: View of the UST following interior cleaning and subsequent soil excavation.

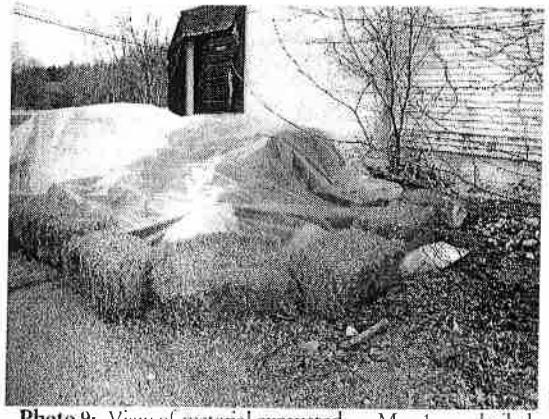


Photo 9: View of material excavated on May 1, stockpiled onsite for later backfill of the tank grave, looking southeast.

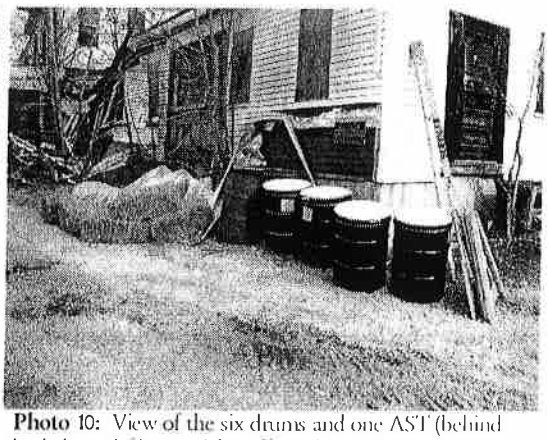


Photo 10: View of the six drums and one AST (behind haybales at left) staged for offsite disposal, looking southeast.

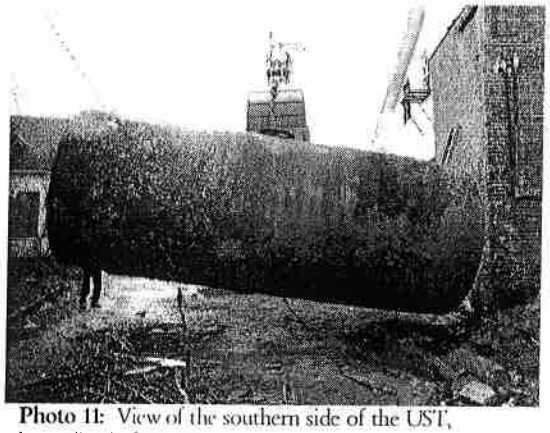


Photo 11: View of the southern side of the UST, immediately following removal.

Photo 12: View of the northern side of the UST as it was placed on a trailer for offsite disposal.

Photo 13: View of the tank grave following UST removal, looking east.

Photo 14: View of the former UST area following backfill and the installation of an erosion control barrier, looking southeast.

APPENDIX F

Laboratory Analytical Report

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

ANALYTICAL DATA REPORT

Report Number: E705284
Project: 20050458.B10/Nu-Style Phase II

prepared for:

Fuss & O'Neill
275 Promenade Street
Providence, RI 02908

Attn: David Foss

Received Date: 5/3/2007
Report Date: 6/8/2007

Premier Laboratory, LLC
Authorized Signature

Certifications:
CT (PH-0465), MA (M-CT008), ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246)

Premier Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Premier Laboratory, LLC — Project #: E705284

Project Location: Franklin, MA — MADEP RTN[1]:

This Form provides certifications for the following data set:[list Laboratory Sample ID Number(s)]
1, 2, 3, 4, 5, 6, 7, 8

Sample Matrices: ☒ Groundwater ☒ Soil/Sediment ☐ Drinking Water ☐ Other Other ...

MCP SW-846 Methods Used					
	8260B ☒	8151A ☐	8330 ☐	6010B ☒	7470A/1A ☒
	8270C ☐	8081A ☐	VPH ☒	6020 ☐	9014M[2] ☐
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	8082 ☐	8021B ☐	EPH ☒	7000 S[3] ☐	7196A ☐

1 List Release Tracking Number (RTN), if known
2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S - SW-846 Methods 7000 Series List individual method and analyte.

An affirmative response to questions A, B, C, and D is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	☒ Yes ☐ No[1]
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	☒ Yes ☐ No[1]
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 (a),(b),(c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☒ Yes ☐ No[1]
D	***VPH and EPH Methods only:*** Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	☒ Yes ☐ No[1]

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	☒ Yes ☐ No[1]
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☒ Yes ☐ No[1]

[1]*All NO answers must be addressed in an attached Environmental Laboratory case narrative.*

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

Signature: _____ Position: Laboratory Director

Printed Name: Robert Stevenson Date: 6/8/2007

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

Report No: E705284
Client: Fuss & O'Neill
Project: 20050458.B10/Nu-Style Phase II

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory received eight samples from Fuss & O'Neill on 05/03/2007. The samples were analyzed from the following list of analyses:

Extractable Petroleum Hydrocarbon (EPH)
MADEP EPH[MADEP EPH]
Volatile Petroleum Hydrocarbon (VPH)
MADEP VPH

Moisture, Percent
Trace Priority Pollutant (13) Metals in Soil
6010B[3000], 7471[7471]
Volatiles by 8260B (MCP) in GW/SW
8260B

Variances:

SDG:

None reported.

Method:

None reported.

QA/QC:

Sample 1C, 841070502-01, Trace Metals by 6010B: Several recoveries for the matrix spike/ matrix spike duplicate were outside of the established control limits due to matrix interference. The associated LCS recoveries were within the established quality control limits.

Sample 4A, 841070502-04, Volatiles by 8260B (MCP Soil): Three internal standards were outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standards were still outside the limits.

Sample 4A, 841070502-04, Volatiles by 8260B (MCP Soil): Two surrogate spikes were outside quality control limits for the sample due to matrix interference.

Sample 4B, 841070502-04, Volatile Petroleum Hydrocarbon (VPH): One surrogate spike was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the surrogate was still outside of the limits.

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

Report No: E705284
Client: Fuss & O'Neill
Project: 20050458.B10/Nu-Style Phase II

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY (continued)

QA/QC (continued):

Sample 7, 841070502-07, Volatiles by 8260B (MCP Soil): One internal standard was outside quality control limits for the sample. The sample was re-analyzed and the internal standard was still outside the limits. No target compounds were detectedi n the submitted sample.

Sample 8, 841070502-08, Volatiles by 8260B (MCP Soil): One internal standard was outside quality control limits for the sample. The sample was re-analyzed and the internal standard was still outside the limits. No target compounds were detectedi n the submitted sample.

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E705284
Date Received: 5/3/2007

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(1) 841070502-01						
Date Collected: 5/2/2007 Matrix: Solid						
Trace Metals by 6010B						
Antimony	ND	0.16	mg/kg	05/08/07	AMM	
Arsenic	1.0	0.26	mg/kg	05/08/07	AMM	
Barium	30	0.10	mg/kg	05/08/07	AMM	
Beryllium	0.057	0.052	mg/kg	05/08/07	AMM	
Cadmium	0.36	0.10	mg/kg	05/08/07	AMM	
Chromium	3.6	0.10	mg/kg	05/08/07	AMM	
Copper	32	0.10	mg/kg	05/08/07	AMM	
Lead	46	0.10	mg/kg	05/08/07	AMM	
Nickel	190	0.10	mg/kg	05/08/07	AMM	
Selenium	ND	0.26	mg/kg	05/08/07	AMM	
Silver	ND	0.10	mg/kg	05/08/07	AMM	
Thallium	ND	0.26	mg/kg	05/08/07	AMM	
Zinc	94	0.10	mg/kg	05/08/07	AMM	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	05/08/07	AKB	
(2) 841070502-02						
Date Collected: 5/2/2007 Matrix: Solid						
Trace Metals by 6010B						
Antimony	ND	0.16	mg/kg	05/08/07	AMM	
Arsenic	0.69	0.26	mg/kg	05/08/07	AMM	
Barium	13	0.10	mg/kg	05/08/07	AMM	
Beryllium	0.057	0.052	mg/kg	05/08/07	AMM	
Cadmium	0.29	0.10	mg/kg	05/08/07	AMM	
Chromium	1.7	0.10	mg/kg	05/08/07	AMM	
Copper	13	0.10	mg/kg	05/08/07	AMM	
Lead	3.6	0.10	mg/kg	05/08/07	AMM	
Nickel	3.3	0.10	mg/kg	05/08/07	AMM	
Selenium	ND	0.26	mg/kg	05/08/07	AMM	
Silver	ND	0.10	mg/kg	05/08/07	AMM	
Thallium	ND	0.26	mg/kg	05/08/07	AMM	
Zinc	13	0.10	mg/kg	05/08/07	AMM	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	05/08/07	AKB	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E705284
Date Received: 5/3/2007

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(3) 841070502-03						
Date Collected: 5/2/2007 Matrix: Solid						
Trace Metals by 6010B						
Antimony	ND	0.16	mg/kg	05/08/07	AMM	
Arsenic	0.69	0.26	mg/kg	05/08/07	AMM	
Barium	12	0.10	mg/kg	05/08/07	AMM	
Beryllium	ND	0.052	mg/kg	05/08/07	AMM	
Cadmium	ND	0.10	mg/kg	05/08/07	AMM	
Chromium	0.72	0.10	mg/kg	05/08/07	AMM	
Copper	4.3	0.10	mg/kg	05/08/07	AMM	
Lead	1.2	0.10	mg/kg	05/08/07	AMM	
Nickel	5.3	0.10	mg/kg	05/08/07	AMM	
Selenium	ND	0.26	mg/kg	05/08/07	AMM	
Silver	ND	0.10	mg/kg	05/08/07	AMM	
Thallium	ND	0.26	mg/kg	05/08/07	AMM	
Zinc	7.0	0.10	mg/kg	05/08/07	AMM	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	05/08/07	AKB	
(4) 841070502-04						
Date Collected: 5/2/2007 Matrix: Solid						
Trace Metals by 6010B						
Antimony	ND	0.16	mg/kg	05/08/07	AMM	
Arsenic	0.77	0.26	mg/kg	05/08/07	AMM	
Barium	16	0.10	mg/kg	05/08/07	AMM	
Beryllium	0.064	0.052	mg/kg	05/08/07	AMM	
Cadmium	0.39	0.10	mg/kg	05/08/07	AMM	
Chromium	3.2	0.10	mg/kg	05/08/07	AMM	
Copper	60	0.10	mg/kg	05/08/07	AMM	
Lead	45	0.10	mg/kg	05/08/07	AMM	
Nickel	280	0.10	mg/kg	05/08/07	AMM	
Selenium	ND	0.26	mg/kg	05/08/07	AMM	
Silver	ND	0.10	mg/kg	05/08/07	AMM	
Thallium	ND	0.26	mg/kg	05/08/07	AMM	
Zinc	120	0.10	mg/kg	05/08/07	AMM	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	05/08/07	AKB	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E705284
Date Received: 5/3/2007

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(5) 841070502-05						
Date Collected: 5/2/2007 Matrix: Solid						
Trace Metals by 6010B						
Antimony	ND	0.16	mg/kg	05/08/07	AMM	
Arsenic	0.65	0.26	mg/kg	05/08/07	AMM	
Barium	10	0.10	mg/kg	05/08/07	AMM	
Beryllium	0.067	0.053	mg/kg	05/08/07	AMM	
Cadmium	0.13	0.10	mg/kg	05/08/07	AMM	
Chromium	1.0	0.10	mg/kg	05/08/07	AMM	
Copper	11	0.10	mg/kg	05/08/07	AMM	
Lead	3.7	0.10	mg/kg	05/08/07	AMM	
Nickel	8.0	0.10	mg/kg	05/08/07	AMM	
Selenium	ND	0.26	mg/kg	05/08/07	AMM	
Silver	ND	0.10	mg/kg	05/08/07	AMM	
Thallium	ND	0.26	mg/kg	05/08/07	AMM	
Zinc	13	0.10	mg/kg	05/08/07	AMM	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	05/08/07	AKB	
(6) 841070502-06						
Date Collected: 5/2/2007 Matrix: Solid						
Trace Metals by 6010B						
Antimony	ND	0.16	mg/kg	05/08/07	AMM	
Arsenic	1.3	0.26	mg/kg	05/08/07	AMM	
Barium	30	0.10	mg/kg	05/08/07	AMM	
Beryllium	ND	0.052	mg/kg	05/08/07	AMM	
Cadmium	0.26	0.10	mg/kg	05/08/07	AMM	
Chromium	1.2	0.10	mg/kg	05/08/07	AMM	
Copper	18	0.10	mg/kg	05/08/07	AMM	
Lead	30	0.10	mg/kg	05/08/07	AMM	
Nickel	30	0.10	mg/kg	05/08/07	AMM	
Selenium	ND	0.26	mg/kg	05/08/07	AMM	
Silver	ND	0.10	mg/kg	05/08/07	AMM	
Thallium	ND	0.26	mg/kg	05/08/07	AMM	
Zinc	26	0.10	mg/kg	05/08/07	AMM	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	05/08/07	AKB	

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	1	Sample Description:	841070502-01
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Analyzed:	05/04/07	Percent Moisture:	4.6
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	5800	ug/kg
C9-C12 Aliphatics**	50	ND	5800	ug/kg
C9-C10 Aromatics***	50	ND	5800	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	117	70%-130%
2,5-dibromotoluene #2	121	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	290	ug/kg
Ethylbenzene	ND	290	ug/kg
Methyl tert-butyl ether (MTBE)	ND	58	ug/kg
Naphthalene	ND	290	ug/kg
Toluene	ND	290	ug/kg
m,p-Xylenes	ND	290	ug/kg
o-Xylene	ND	290	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 1

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-01

Matrix: Solid
Percent Moisture: 4.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30009.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	8.8	5.6
71-43-2	Benzene	ND	5.6
75-27-4	Bromodichloromethane	ND	5.6
75-25-2	Bromoform	ND	5.6
74-83-9	Bromomethane	ND	2.2
78-93-3	2-Butanone (MEK)	ND	5.6
104-51-8	n-Butylbenzene	ND	5.6
135-98-8	sec-Butylbenzene	ND	5.6
98-06-6	tert-Butylbenzene	ND	5.6
56-23-5	Carbon tetrachloride	ND	5.6
108-90-7	Chlorobenzene	ND	5.6
124-48-1	Chlorodibromomethane	ND	5.6
67-66-3	Chloroform	ND	5.6
108-20-3	Di-isopropyl ether (DIPE)	ND	5.6
106-93-4	1,2-Dibromoethane (EDB)	ND	0.56
95-50-1	1,2-Dichlorobenzene	ND	5.6
541-73-1	1,3-Dichlorobenzene	ND	5.6
106-46-7	1,4-Dichlorobenzene	ND	5.6
75-34-3	1,1-Dichloroethane	ND	5.6
107-06-2	1,2-Dichloroethane	ND	5.6
75-35-4	1,1-Dichloroethene	ND	1.1
156-59-2	cis-1,2-Dichloroethene	ND	5.6
156-60-5	trans-1,2-Dichloroethene	ND	5.6
78-87-5	1,2-Dichloropropane	ND	5.6
10061-01-5	cis-1,3-Dichloropropene	ND	0.56
10061-02-6	trans-1,3-Dichloropropene	ND	0.56
123-91-1	1,4-Dioxane	ND	22
	Ethyl tertiary-butyl ether (EtBE)	ND	5.6
100-41-4	Ethylbenzene	ND	5.6
87-68-3	Hexachlorobutadiene	ND	0.67
98-82-8	Isopropylbenzene	ND	5.6
99-87-6	4-Isopropyltoluene	ND	5.6
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.6
75-09-2	Methylene chloride	ND	5.6
91-20-3	Naphthalene	ND	5.6
103-65-1	n-Propylbenzene	ND	5.6
100-42-5	Styrene	ND	5.6
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.6
75-65-0	Tertiary-butyl alcohol (TBA)	ND	11
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.6

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 1 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-01

Matrix: Solid
Percent Moisture: 4.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30009.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2
127-18-4	Tetrachloroethene (PCE)	46	5.6
108-88-3	Toluene	ND	5.6
120-82-1	1,2,4-Trichlorobenzene	ND	5.6
71-55-6	1,1,1-Trichloroethane	ND	5.6
79-00-5	1,1,2-Trichloroethane	ND	5.6
79-01-6	Trichloroethene (TCE)	6.9	5.6
95-63-6	1,2,4-Trimethylbenzene	ND	5.6
108-67-8	1,3,5-Trimethylbenzene	ND	5.6
75-01-4	Vinyl chloride	ND	2.2
95-47-6	o-Xylene	ND	5.6
	m,p-Xylenes	ND	5.6

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	100%	85%-116%
Bromofluorobenzene	89%	63%-113%
Toluene-d8	107%	78%-128%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	2	Sample Description:	841070502-02
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Analyzed:	05/04/07	Percent Moisture:	4.8
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	5900	ug/kg
C9-C12 Aliphatics**	50	ND	5900	ug/kg
C9-C10 Aromatics***	50	ND	5900	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	114	70%-130%
2,5-dibromotoluene #2	124	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	300	ug/kg
Ethylbenzene	ND	300	ug/kg
Methyl tert-butyl ether (MTBE)	ND	59	ug/kg
Naphthalene	ND	300	ug/kg
Toluene	ND	300	ug/kg
m,p-Xylenes	ND	300	ug/kg
o-Xylene	ND	300	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 2

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-02

Matrix: Solid
Percent Moisture: 4.8
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30010.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	6.0	4.8
71-43-2	Benzene	ND	4.8
75-27-4	Bromodichloromethane	ND	4.8
75-25-2	Bromoform	ND	4.8
74-83-9	Bromomethane	ND	1.9
78-93-3	2-Butanone (MEK)	ND	4.8
104-51-8	n-Butylbenzene	ND	4.8
135-98-8	sec-Butylbenzene	ND	4.8
98-06-6	tert-Butylbenzene	ND	4.8
56-23-5	Carbon tetrachloride	ND	4.8
108-90-7	Chlorobenzene	ND	4.8
124-48-1	Chlorodibromomethane	ND	4.8
67-66-3	Chloroform	ND	4.8
108-20-3	Di-isopropyl ether (DIPE)	ND	4.8
106-93-4	1,2-Dibromoethane (EDB)	ND	0.48
95-50-1	1,2-Dichlorobenzene	ND	4.8
541-73-1	1,3-Dichlorobenzene	ND	4.8
106-46-7	1,4-Dichlorobenzene	ND	4.8
75-34-3	1,1-Dichloroethane	ND	4.8
107-06-2	1,2-Dichloroethane	ND	4.8
75-35-4	1,1-Dichloroethene	ND	0.96
156-59-2	cis-1,2-Dichloroethene	ND	4.8
156-60-5	trans-1,2-Dichloroethene	ND	4.8
78-87-5	1,2-Dichloropropane	ND	4.8
10061-01-5	cis-1,3-Dichloropropene	ND	0.48
10061-02-6	trans-1,3-Dichloropropene	ND	0.48
123-91-1	1,4-Dioxane	ND	19
	Ethyl tertiary-butyl ether (EtBE)	ND	4.8
100-41-4	Ethylbenzene	ND	4.8
87-68-3	Hexachlorobutadiene	ND	0.58
98-82-8	Isopropylbenzene	ND	4.8
99-87-6	4-Isopropyltoluene	ND	4.8
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	4.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.8
75-09-2	Methylene chloride	ND	4.8
91-20-3	Naphthalene	ND	4.8
103-65-1	n-Propylbenzene	ND	4.8
100-42-5	Styrene	ND	4.8
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	4.8
75-65-0	Tertiary-butyl alcohol (TBA)	ND	9.6
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.8

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 2 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-02

Matrix: Solid
Percent Moisture: 4.8
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30010.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9
127-18-4	Tetrachloroethene (PCE)	6.5	4.8
108-88-3	Toluene	ND	4.8
120-82-1	1,2,4-Trichlorobenzene	ND	4.8
71-55-6	1,1,1-Trichloroethane	ND	4.8
79-00-5	1,1,2-Trichloroethane	ND	4.8
79-01-6	Trichloroethene (TCE)	ND	4.8
95-63-6	1,2,4-Trimethylbenzene	ND	4.8
108-67-8	1,3,5-Trimethylbenzene	ND	4.8
75-01-4	Vinyl chloride	ND	1.9
95-47-6	o-Xylene	ND	4.8
	m,p-Xylenes	ND	4.8

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	100%	85%-116%
Bromofluorobenzene	90%	63%-113%
Toluene-d8	101%	78%-128%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	3	Sample Description:	841070502-03
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Analyzed:	05/04/07	Percent Moisture:	3.7
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	5700	ug/kg
C9-C12 Aliphatics**	50	ND	5700	ug/kg
C9-C10 Aromatics***	50	ND	5700	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	112	70%-130%
2,5-dibromotoluene #2	120	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	280	ug/kg
Ethylbenzene	ND	280	ug/kg
Methyl tert-butyl ether (MTBE)	ND	57	ug/kg
Naphthalene	ND	280	ug/kg
Toluene	ND	280	ug/kg
m,p-Xylenes	ND	280	ug/kg
o-Xylene	ND	280	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 3

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-03

Matrix: Solid
Percent Moisture: 3.7
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30015.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	7.2	6.0
71-43-2	Benzene	ND	6.0
75-27-4	Bromodichloromethane	ND	6.0
75-25-2	Bromoform	ND	6.0
74-83-9	Bromomethane	ND	2.4
78-93-3	2-Butanone (MEK)	ND	6.0
104-51-8	n-Butylbenzene	ND	6.0
135-98-8	sec-Butylbenzene	ND	6.0
98-06-6	tert-Butylbenzene	ND	6.0
56-23-5	Carbon tetrachloride	ND	6.0
108-90-7	Chlorobenzene	ND	6.0
124-48-1	Chlorodibromomethane	ND	6.0
67-66-3	Chloroform	ND	6.0
108-20-3	Di-isopropyl ether (DIPE)	ND	6.0
106-93-4	1,2-Dibromoethane (EDB)	ND	0.60
95-50-1	1,2-Dichlorobenzene	ND	6.0
541-73-1	1,3-Dichlorobenzene	ND	6.0
106-46-7	1,4-Dichlorobenzene	ND	6.0
75-34-3	1,1-Dichloroethane	ND	6.0
107-06-2	1,2-Dichloroethane	ND	6.0
75-35-4	1,1-Dichloroethene	ND	1.2
156-59-2	cis-1,2-Dichloroethene	ND	6.0
156-60-5	trans-1,2-Dichloroethene	ND	6.0
78-87-5	1,2-Dichloropropane	ND	6.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.60
10061-02-6	trans-1,3-Dichloropropene	ND	0.60
123-91-1	1,4-Dioxane	ND	24
	Ethyl tertiary-butyl ether (EtBE)	ND	6.0
100-41-4	Ethylbenzene	ND	6.0
87-68-3	Hexachlorobutadiene	ND	0.73
98-82-8	Isopropylbenzene	ND	6.0
99-87-6	4-Isopropyltoluene	ND	6.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	6.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.0
75-09-2	Methylene chloride	ND	6.0
91-20-3	Naphthalene	ND	6.0
103-65-1	n-Propylbenzene	ND	6.0
100-42-5	Styrene	ND	6.0
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	6.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	12
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.0

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 3 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-03

Matrix: Solid
Percent Moisture: 3.7
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30015.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.4
127-18-4	Tetrachloroethene (PCE)	ND	6.0
108-88-3	Toluene	ND	6.0
120-82-1	1,2,4-Trichlorobenzene	ND	6.0
71-55-6	1,1,1-Trichloroethane	ND	6.0
79-00-5	1,1,2-Trichloroethane	ND	6.0
79-01-6	Trichloroethene (TCE)	ND	6.0
95-63-6	1,2,4-Trimethylbenzene	ND	6.0
108-67-8	1,3,5-Trimethylbenzene	ND	6.0
75-01-4	Vinyl chloride	ND	2.4
95-47-6	o-Xylene	ND	6.0
	m,p-Xylenes	ND	6.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	98%	85%-116%
Bromofluorobenzene	94%	63%-113%
Toluene-d8	91%	78%-128%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	4	Sample Description:	841070502-04
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Analyzed:	05/04/07	Percent Moisture:	4.8
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	5900	ug/kg
C9-C12 Aliphatics**	50	ND	5900	ug/kg
C9-C10 Aromatics***	50	ND	5900	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	183	70%-130%
2,5-dibromotoluene #2	88	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	300	ug/kg
Ethylbenzene	ND	300	ug/kg
Methyl tert-butyl ether (MTBE)	ND	59	ug/kg
Naphthalene	ND	300	ug/kg
Toluene	ND	300	ug/kg
m,p-Xylenes	ND	300	ug/kg
o-Xylene	ND	300	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 4

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/08/07 By: GP
Method: 8260B
QC Batch#: 53808
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-04

Matrix: Solid
Percent Moisture: 4.8
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30027.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	5.0
71-43-2	Benzene	ND	5.0
75-27-4	Bromodichloromethane	ND	5.0
75-25-2	Bromoform	ND	5.0
74-83-9	Bromomethane	ND	2.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	5.0
135-98-8	sec-Butylbenzene	ND	5.0
98-06-6	tert-Butylbenzene	ND	5.0
56-23-5	Carbon tetrachloride	ND	5.0
108-90-7	Chlorobenzene	ND	5.0
124-48-1	Chlorodibromomethane	ND	5.0
67-66-3	Chloroform	ND	5.0
108-20-3	Di-isopropyl ether (DIPE)	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.0
106-46-7	1,4-Dichlorobenzene	ND	5.0
75-34-3	1,1-Dichloroethane	ND	5.0
107-06-2	1,2-Dichloroethane	ND	5.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	5.0
156-60-5	trans-1,2-Dichloroethene	ND	5.0
78-87-5	1,2-Dichloropropane	ND	5.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
123-91-1	1,4-Dioxane	ND	20
	Ethyl tertiary-butyl ether (EtBE)	ND	5.0
100-41-4	Ethylbenzene	ND	5.0
87-68-3	Hexachlorobutadiene	ND	0.60
98-82-8	Isopropylbenzene	ND	5.0
99-87-6	4-Isopropyltoluene	ND	5.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	5.0
103-65-1	n-Propylbenzene	ND	5.0
100-42-5	Styrene	ND	5.0
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	10
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 4 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/08/07 By: GP
Method: 8260B
QC Batch#: 53808
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-04

Matrix: Solid
Percent Moisture: 4.8
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30027.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0
127-18-4	Tetrachloroethene (PCE)	12	5.0
108-88-3	Toluene	ND	5.0
120-82-1	1,2,4-Trichlorobenzene	ND	5.0
71-55-6	1,1,1-Trichloroethane	12	5.0
79-00-5	1,1,2-Trichloroethane	ND	5.0
79-01-6	Trichloroethene (TCE)	11	5.0
95-63-6	1,2,4-Trimethylbenzene	ND	5.0
108-67-8	1,3,5-Trimethylbenzene	ND	5.0
75-01-4	Vinyl chloride	ND	2.0
95-47-6	o-Xylene	ND	5.0
	m,p-Xylenes	ND	5.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	78%	85%-116%
Bromofluorobenzene	29%	63%-113%
Toluene-d8	109%	78%-128%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	5	Sample Description:	841070502-05
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Analyzed:	05/04/07	Percent Moisture:	5.6
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	6000	ug/kg
C9-C12 Aliphatics**	50	ND	6000	ug/kg
C9-C10 Aromatics***	50	ND	6000	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	117	70%-130%
2,5-dibromotoluene #2	110	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	300	ug/kg
Ethylbenzene	ND	300	ug/kg
Methyl tert-butyl ether (MTBE)	ND	60	ug/kg
Naphthalene	ND	300	ug/kg
Toluene	ND	300	ug/kg
m,p-Xylenes	ND	300	ug/kg
o-Xylene	ND	300	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 5

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-05

Matrix: Solid
Percent Moisture: 5.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30013.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	9.3	5.2
71-43-2	Benzene	ND	5.2
75-27-4	Bromodichloromethane	ND	5.2
75-25-2	Bromoform	ND	5.2
74-83-9	Bromomethane	ND	2.1
78-93-3	2-Butanone (MEK)	ND	5.2
104-51-8	n-Butylbenzene	ND	5.2
135-98-8	sec-Butylbenzene	ND	5.2
98-06-6	tert-Butylbenzene	ND	5.2
56-23-5	Carbon tetrachloride	ND	5.2
108-90-7	Chlorobenzene	ND	5.2
124-48-1	Chlorodibromomethane	ND	5.2
67-66-3	Chloroform	ND	5.2
108-20-3	Di-isopropyl ether (DIPE)	ND	5.2
106-93-4	1,2-Dibromoethane (EDB)	ND	0.52
95-50-1	1,2-Dichlorobenzene	ND	5.2
541-73-1	1,3-Dichlorobenzene	ND	5.2
106-46-7	1,4-Dichlorobenzene	ND	5.2
75-34-3	1,1-Dichloroethane	ND	5.2
107-06-2	1,2-Dichloroethane	ND	5.2
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	5.2
156-60-5	trans-1,2-Dichloroethene	ND	5.2
78-87-5	1,2-Dichloropropane	ND	5.2
10061-01-5	cis-1,3-Dichloropropene	ND	0.52
10061-02-6	trans-1,3-Dichloropropene	ND	0.52
123-91-1	1,4-Dioxane	ND	21
	Ethyl tertiary-butyl ether (EtBE)	ND	5.2
100-41-4	Ethylbenzene	ND	5.2
87-68-3	Hexachlorobutadiene	ND	0.62
98-82-8	Isopropylbenzene	ND	5.2
99-87-6	4-Isopropyltoluene	ND	5.2
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.2
75-09-2	Methylene chloride	ND	5.2
91-20-3	Naphthalene	ND	5.2
103-65-1	n-Propylbenzene	ND	5.2
100-42-5	Styrene	ND	5.2
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.2
75-65-0	Tertiary-butyl alcohol (TBA)	ND	10
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.2

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 5 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-05

Matrix: Solid
Percent Moisture: 5.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30013.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1
127-18-4	Tetrachloroethene (PCE)	ND	5.2
108-88-3	Toluene	ND	5.2
120-82-1	1,2,4-Trichlorobenzene	ND	5.2
71-55-6	1,1,1-Trichloroethane	ND	5.2
79-00-5	1,1,2-Trichloroethane	ND	5.2
79-01-6	Trichloroethene (TCE)	ND	5.2
95-63-6	1,2,4-Trimethylbenzene	ND	5.2
108-67-8	1,3,5-Trimethylbenzene	ND	5.2
75-01-4	Vinyl chloride	ND	2.1
95-47-6	o-Xylene	ND	5.2
	m,p-Xylenes	ND	5.2

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	98%	85%-116%
Bromofluorobenzene	94%	63%-113%
Toluene-d8	98%	78%-128%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	6	Sample Description:	841070502-06
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Analyzed:	05/04/07	Percent Moisture:	3.6
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	5600	ug/kg
C9-C12 Aliphatics**	50	ND	5600	ug/kg
C9-C10 Aromatics***	50	ND	5600	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	115	70%-130%
2,5-dibromotoluene #2	112	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	280	ug/kg
Ethylbenzene	ND	280	ug/kg
Methyl tert-butyl ether (MTBE)	ND	56	ug/kg
Naphthalene	ND	280	ug/kg
Toluene	ND	280	ug/kg
m,p-Xylenes	ND	280	ug/kg
o-Xylene	ND	280	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 6

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-06

Matrix: Solid
Percent Moisture: 3.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30014.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	7.9	4.8
71-43-2	Benzene	ND	4.8
75-27-4	Bromodichloromethane	ND	4.8
75-25-2	Bromoform	ND	4.8
74-83-9	Bromomethane	ND	1.9
78-93-3	2-Butanone (MEK)	ND	4.8
104-51-8	n-Butylbenzene	ND	4.8
135-98-8	sec-Butylbenzene	ND	4.8
98-06-6	tert-Butylbenzene	ND	4.8
56-23-5	Carbon tetrachloride	ND	4.8
108-90-7	Chlorobenzene	ND	4.8
124-48-1	Chlorodibromomethane	ND	4.8
67-66-3	Chloroform	ND	4.8
108-20-3	Di-isopropyl ether (DIPE)	ND	4.8
106-93-4	1,2-Dibromoethane (EDB)	ND	0.48
95-50-1	1,2-Dichlorobenzene	ND	4.8
541-73-1	1,3-Dichlorobenzene	ND	4.8
106-46-7	1,4-Dichlorobenzene	ND	4.8
75-34-3	1,1-Dichloroethane	ND	4.8
107-06-2	1,2-Dichloroethane	ND	4.8
75-35-4	1,1-Dichloroethene	ND	0.96
156-59-2	cis-1,2-Dichloroethene	ND	4.8
156-60-5	trans-1,2-Dichloroethene	ND	4.8
78-87-5	1,2-Dichloropropane	ND	4.8
10061-01-5	cis-1,3-Dichloropropene	ND	0.48
10061-02-6	trans-1,3-Dichloropropene	ND	0.48
123-91-1	1,4-Dioxane	ND	19
	Ethyl tertiary-butyl ether (EtBE)	ND	4.8
100-41-4	Ethylbenzene	ND	4.8
87-68-3	Hexachlorobutadiene	ND	0.58
98-82-8	Isopropylbenzene	ND	4.8
99-87-6	4-Isopropyltoluene	ND	4.8
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	4.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.8
75-09-2	Methylene chloride	ND	4.8
91-20-3	Naphthalene	ND	4.8
103-65-1	n-Propylbenzene	ND	4.8
100-42-5	Styrene	ND	4.8
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	4.8
75-65-0	Tertiary-butyl alcohol (TBA)	ND	9.6
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.8

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 6 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-06

Matrix: Solid
Percent Moisture: 3.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30014.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9
127-18-4	Tetrachloroethene (PCE)	ND	4.8
108-88-3	Toluene	ND	4.8
120-82-1	1,2,4-Trichlorobenzene	ND	4.8
71-55-6	1,1,1-Trichloroethane	ND	4.8
79-00-5	1,1,2-Trichloroethane	ND	4.8
79-01-6	Trichloroethene (TCE)	ND	4.8
95-63-6	1,2,4-Trimethylbenzene	ND	4.8
108-67-8	1,3,5-Trimethylbenzene	ND	4.8
75-01-4	Vinyl chloride	ND	1.9
95-47-6	o-Xylene	ND	4.8
	m,p-Xylenes	ND	4.8

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	97%	85%-116%
Bromofluorobenzene	97%	63%-113%
Toluene-d8	97%	78%-128%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 7

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/11/07 By: GP
Method: 8260B
QC Batch#: 53895
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-07

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30109.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	5.0
71-43-2	Benzene	ND	5.0
75-27-4	Bromodichloromethane	ND	5.0
75-25-2	Bromoform	ND	5.0
74-83-9	Bromomethane	ND	2.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	5.0
135-98-8	sec-Butylbenzene	ND	5.0
98-06-6	tert-Butylbenzene	ND	5.0
56-23-5	Carbon tetrachloride	ND	5.0
108-90-7	Chlorobenzene	ND	5.0
124-48-1	Chlorodibromomethane	ND	5.0
67-66-3	Chloroform	ND	5.0
108-20-3	Di-isopropyl ether (DIPE)	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.0
106-46-7	1,4-Dichlorobenzene	ND	5.0
75-34-3	1,1-Dichloroethane	ND	5.0
107-06-2	1,2-Dichloroethane	ND	5.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	5.0
156-60-5	trans-1,2-Dichloroethene	ND	5.0
78-87-5	1,2-Dichloropropane	ND	5.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
123-91-1	1,4-Dioxane	ND	20
	Ethyl tertiary-butyl ether (EtBE)	ND	5.0
100-41-4	Ethylbenzene	ND	5.0
87-68-3	Hexachlorobutadiene	ND	0.60
98-82-8	Isopropylbenzene	ND	5.0
99-87-6	4-Isopropyltoluene	ND	5.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	5.0
103-65-1	n-Propylbenzene	ND	5.0
100-42-5	Styrene	ND	5.0
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	10
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 7 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/11/07 By: GP
Method: 8260B
QC Batch#: 53895
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-07

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30109.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0
127-18-4	Tetrachloroethene (PCE)	ND	5.0
108-88-3	Toluene	ND	5.0
120-82-1	1,2,4-Trichlorobenzene	ND	5.0
71-55-6	1,1,1-Trichloroethane	ND	5.0
79-00-5	1,1,2-Trichloroethane	ND	5.0
79-01-6	Trichloroethene (TCE)	ND	5.0
95-63-6	1,2,4-Trimethylbenzene	ND	5.0
108-67-8	1,3,5-Trimethylbenzene	ND	5.0
75-01-4	Vinyl chloride	ND	2.0
95-47-6	o-Xylene	ND	5.0
	m,p-Xylenes	ND	5.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	100%	89%-113%
Bromofluorobenzene	87%	83%-107%
Toluene-d8	88%	88%-108%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 8

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/11/07 By: GP
Method: 8260B
QC Batch#: 53895
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-08

Matrix: Other
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: J30110.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	250
71-43-2	Benzene	ND	250
75-27-4	Bromodichloromethane	ND	250
75-25-2	Bromoform	ND	250
74-83-9	Bromomethane	ND	100
78-93-3	2-Butanone (MEK)	ND	250
104-51-8	n-Butylbenzene	ND	250
135-98-8	sec-Butylbenzene	ND	250
98-06-6	tert-Butylbenzene	ND	250
56-23-5	Carbon tetrachloride	ND	250
108-90-7	Chlorobenzene	ND	250
124-48-1	Chlorodibromomethane	ND	250
67-66-3	Chloroform	ND	250
108-20-3	Di-isopropyl ether (DIPE)	ND	250
106-93-4	1,2-Dibromoethane (EDB)	ND	25
95-50-1	1,2-Dichlorobenzene	ND	250
541-73-1	1,3-Dichlorobenzene	ND	250
106-46-7	1,4-Dichlorobenzene	ND	250
75-34-3	1,1-Dichloroethane	ND	250
107-06-2	1,2-Dichloroethane	ND	250
75-35-4	1,1-Dichloroethene	ND	50
156-59-2	cis-1,2-Dichloroethene	ND	250
156-60-5	trans-1,2-Dichloroethene	ND	250
78-87-5	1,2-Dichloropropane	ND	250
10061-01-5	cis-1,3-Dichloropropene	ND	25
10061-02-6	trans-1,3-Dichloropropene	ND	25
123-91-1	1,4-Dioxane	ND	1000
	Ethyl tertiary-butyl ether (EtBE)	ND	250
100-41-4	Ethylbenzene	ND	250
87-68-3	Hexachlorobutadiene	ND	30
98-82-8	Isopropylbenzene	ND	250
99-87-6	4-Isopropyltoluene	ND	250
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	250
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	250
75-09-2	Methylene chloride	ND	250
91-20-3	Naphthalene	ND	250
103-65-1	n-Propylbenzene	ND	250
100-42-5	Styrene	ND	250
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	250
75-65-0	Tertiary-butyl alcohol (TBA)	ND	500
630-20-6	1,1,1,2-Tetrachloroethane	ND	250

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 8 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/11/07 By: GP
Method: 8260B
QC Batch#: 53895
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-08

Matrix: Other
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: J30110.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	100
127-18-4	Tetrachloroethene (PCE)	ND	250
108-88-3	Toluene	ND	250
120-82-1	1,2,4-Trichlorobenzene	ND	250
71-55-6	1,1,1-Trichloroethane	ND	250
79-00-5	1,1,2-Trichloroethane	ND	250
79-01-6	Trichloroethene (TCE)	ND	250
95-63-6	1,2,4-Trimethylbenzene	ND	250
108-67-8	1,3,5-Trimethylbenzene	ND	250
75-01-4	Vinyl chloride	ND	100
95-47-6	o-Xylene	ND	250
	m,p-Xylenes	ND	250

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	94%	89%-113%
Bromofluorobenzene	76%	83%-107%
Toluene-d8	91%	88%-108%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	1	Sample Description:	841070502-01
Preservative	None		
		Dilution (Target):	1
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Extracted:	05/07/07	Percent Moisture:	4.6
Date Analyzed:	05/09/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	19000	10000	ug/kg
C19-C36 Aliphatics	1	61000	10000	ug/kg
C11-C22 Aromatics*	1	54000	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	49	40%-140%
2-Bromonaphthalene	57	40%-140%
2-Fluorobiphenyl	67	40%-140%
o-Terphenyl	56	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	380	100	ug/kg
Anthracene	320	100	ug/kg
Benzo[a]anthracene	640	100	ug/kg
Benzo[a]pyrene	1100	100	ug/kg
Benzo[b]fluoranthene	520	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	ND	100	ug/kg
Chrysene	ND	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	2000	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	260	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	860	100	ug/kg
Pyrene	1300	100	ug/kg

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	2	Sample Description:	841070502-02
Preservative	None		
		Dilution (Target):	1
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Extracted:	05/03/07	Percent Moisture:	4.8
Date Analyzed:	05/05/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	ND	10000	ug/kg
C11-C22 Aromatics*	1	ND	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	42	40%-140%
2-Bromonaphthalene	90	40%-140%
2-Fluorobiphenyl	91	40%-140%
o-Terphenyl	41	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	ND	100	ug/kg
Anthracene	ND	100	ug/kg
Benzo[a]anthracene	ND	100	ug/kg
Benzo[a]pyrene	ND	100	ug/kg
Benzo[b]fluoranthene	ND	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	ND	100	ug/kg
Chrysene	ND	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	ND	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	ND	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	ND	100	ug/kg
Pyrene	ND	100	ug/kg

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	3	Sample Description:	841070502-03
Preservative	None		
		Dilution (Target):	1
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Extracted:	05/07/07	Percent Moisture:	3.7
Date Analyzed:	05/08/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	ND	10000	ug/kg
C11-C22 Aromatics*	1	ND	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	60	40%-140%
2-Bromonaphthalene	88	40%-140%
2-Fluorobiphenyl	88	40%-140%
o-Terphenyl	57	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	ND	100	ug/kg
Anthracene	ND	100	ug/kg
Benzo[a]anthracene	ND	100	ug/kg
Benzo[a]pyrene	ND	100	ug/kg
Benzo[b]fluoranthene	ND	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	ND	100	ug/kg
Chrysene	ND	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	ND	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	ND	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	ND	100	ug/kg
Pyrene	ND	100	ug/kg

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	4	Sample Description:	841070502-04
Preservative	None		
		Dilution (Target):	1
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Extracted:	05/08/07	Percent Moisture:	4.8
Date Analyzed:	05/09/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	66000	9700	ug/kg
C19-C36 Aliphatics	1	140000	9700	ug/kg
C11-C22 Aromatics*	1	59000	9700	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	47	40%-140%
2-Bromonaphthalene	67	40%-140%
2-Fluorobiphenyl	69	40%-140%
o-Terphenyl	47	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	97	ug/kg
Acenaphthene	ND	97	ug/kg
Acenaphthylene	160	97	ug/kg
Anthracene	170	97	ug/kg
Benzo[a]anthracene	410	97	ug/kg
Benzo[a]pyrene	360	97	ug/kg
Benzo[b]fluoranthene	180	97	ug/kg
Benzo[g,h,i]perylene	ND	97	ug/kg
Benzo[k]fluoranthene	270	97	ug/kg
Chrysene	ND	97	ug/kg
Dibenz[a,h]anthracene	ND	97	ug/kg
Fluoranthene	1100	97	ug/kg
Fluorene	120	97	ug/kg
Indeno[1,2,3-cd]pyrene	ND	97	ug/kg
Naphthalene	ND	97	ug/kg
Phenanthrene	610	97	ug/kg
Pyrene	570	97	ug/kg

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	5	Sample Description:	841070502-05
Preservative	None		
		Dilution (Target):	1
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Extracted:	05/07/07	Percent Moisture:	5.6
Date Analyzed:	05/08/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	ND	10000	ug/kg
C11-C22 Aromatics*	1	ND	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	53	40%-140%
2-Bromonaphthalene	91	40%-140%
2-Fluorobiphenyl	91	40%-140%
o-Terphenyl	50	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	ND	100	ug/kg
Anthracene	ND	100	ug/kg
Benzo[a]anthracene	ND	100	ug/kg
Benzo[a]pyrene	ND	100	ug/kg
Benzo[b]fluoranthene	ND	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	ND	100	ug/kg
Chrysene	ND	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	ND	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	ND	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	ND	100	ug/kg
Pyrene	ND	100	ug/kg

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	6	Sample Description:	841070502-06
Preservative	None		
		Dilution (Target):	1
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Extracted:	05/07/07	Percent Moisture:	3.6
Date Analyzed:	05/08/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	ND	10000	ug/kg
C11-C22 Aromatics*	1	ND	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	67	40%-140%
2-Bromonaphthalene	93	40%-140%
2-Fluorobiphenyl	93	40%-140%
o-Terphenyl	64	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	ND	100	ug/kg
Anthracene	ND	100	ug/kg
Benzo[a]anthracene	ND	100	ug/kg
Benzo[a]pyrene	ND	100	ug/kg
Benzo[b]fluoranthene	ND	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	ND	100	ug/kg
Chrysene	ND	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	ND	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	ND	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	ND	100	ug/kg
Pyrene	ND	100	ug/kg

E705284

FUSS & O'NEILL
Discipline: to Deliver
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
- ☐ 56 Quarry Road, Trumbull, CT 06611
- ☐ 1419 Richland Street, Columbia, SC 29201
- ☐ 78 Interstate Drive, West Springfield, MA 01089
- ☐ 610 Lynndale Court, Suite E, Greenville, NC 27858
- ☐ 24 Madison Avenue Extension, Albany, NY 12203
- ☑ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
- ☐ Other _____

CHAIN-OF-CUSTODY RECORD

12814

Turnaround
☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☑ Standard (____ days) *Surcharge Applies

PROJECT NAME: Nu-Style - ~~[illegible]~~ UST Removal
PROJECT LOCATION: Franklin, MA
PROJECT NUMBER: 20050458.A10
LABORATORY: Premier

REPORT TO: David Foss
INVOICE TO: David Foss
P.O. No.: 84120050458 A10
Sampler's Signature: [signature] Date: 5/2/07

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Bottom Sediment A=Air
X=Other Trip Blanks (MeOH; and DI water w/ HCl)

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	RP-13 Metals + Barium	VOCs by 8260B	VPH by MADEP Method	EPH by MADEP Method	Soil VOA Vial, [✓] methanol [ ] sodium bisulfate	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other: VOA temperature	Other:	Water VOA Vial, [ ] As is [✓] HCl	Glass Amber ( ) ml, [ ] As is [ ] H2SO4	Plastic - As is, [ ] 250 ml [ ] 500 ml 1000 ml	Plastic - H2SO4, [ ] 250 ml [ ] 500 ml	Plastic - HNO3, 250 ml [ ] 500 ml	Plastic - NaOH, 250 ml [ ] Filtered	Bacteria Bottle	Comments
1	✓	✓	✓		84107050 2-01	S	5/2/07	0930	✓	✓	✓	✓		1	2	2									
2	↓	↓	↓		-02	↓	↓	0935	↓	↓	↓	↓		↓	↓	↓									
3	↓	↓	↓		-03	↓	↓	0940	↓	↓	↓	↓		↓	↓	↓									
4	↓	↓	↓		-04	↓	↓	1005	↓	↓	↓	↓		↓	↓	↓									
5	↓	↓	↓		-05	↓	↓	1015	↓	↓	↓	↓		↓	↓	↓									
6	↓	↓	↓		-06	↓	↓	1020	↓	↓	↓	↓		↓	↓	↓									
7	↓	↓	↓		-07	X	↓	1030								~~1~~ 2									Trip Blank - HCl
8	↓	↓	↓		-08	X	↓	1030		↓				1											Trip Blank - MeOH

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	FED fridge	5/2/07	1545
2	FED fridge	[signature]	5/3/07	0925
3	[signature]	[signature]	5/3/07	0926
4	[signature]		5/3/07	1450

Reporting and Detection Limit Requirements:
MCP Data Enhancement Project - see attached table for DL's

Additional Comments:
Please complete attached checklist

6°C

INITIAL DATE: OCTOBER 2006
REVISION DATE: OCTOBER 2006
REVISION: 1.0

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
MODIFIED TIER I COMPLETENESS CHECKLIST

	YES	NO
1. SAMPLING AND FIELD MEASUREMENTS:		
Field measurement calibration records	☐	☐
Groundwater field measurements (if applicable)	☐	☐
Soil sampling field measurements (if applicable)	☐	☐
Sediment sampling field measurements (if applicable)	☐	☐
Surface water sampling field measurements (if applicable)	☐	☐
Low-flow sampling field measurements (if applicable)	☐	☐
Documentation of field activities	☐	☐
Sample numbering and labeling	☐	☐
Chain-of-Custody records	☐	☐
Trip blanks	☐	☐
Duplicate samples	☐	☐
Equipment blanks	☐	☐
Split samples (if any)	☐	☐
2. LABORATORY MEASUREMENTS:		
Trip blanks	☐	☐
Instrument blanks	☐	☐
Laboratory control samples	☐	☐
Duplicates samples	☐	☐
Equipment blanks	☐	☐
Matrix spike/matrix spike duplicates	☐	☐
Analysis type	☐	☐
Chain-of-Custody records	☐	☐
Surrogate recoveries	☐	☐
Sample Project Narratives	☐	☐
Split samples (if any)	☐	☐
TOTAL:	_____	_____

PERCENT COMPLETE: _____ %

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST

	PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?		
	YES	NO	COMMENTS
1. SAMPLING AND FIELD MEASUREMENTS:			
Field measurement calibration records			
pH - ± 0.3 pH units	☐	☐	_____
S.C. - ± 5% of calibration solution, within? calibration range	☐	☐	_____
Temperature - ± 0.5 °C	☐	☐	_____
D.O. - ± 5% of calibration solution	☐	☐	_____
Groundwater field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	_____
Soil sampling field measurements (if applicable)			
OVM - ± 2 ppm	☐	☐	_____
OVA - ± 2 ppm	☐	☐	_____
Sediment sampling field measurements (if applicable)			
Descriptive information recorded?	☐	☐	_____
Surface water sampling field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	_____
Low-flow sampling field measurements (if applicable)			
S.C. - ± 10%	☐	☐	_____
pH - ± 0.2 pH units	☐	☐	_____
Temperature - ± 10%	☐	☐	_____
Turbidity - ±5 NTU	☐	☐	_____
Documentation of field activities			
Site-specific information documented in field notebook?	☐	☐	_____
Field data sheets completed?	☐	☐	_____
Sample numbering and labeling			
Sample numbering conforms to sample I.D. system identified in QAPP?	☐	☐	_____
Chain-of-Custody records			
Chain-of-Custody forms completed?	☐	☐	_____

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

	YES	NO	COMMENTS
Trip blanks			
Trip blanks submitted, one per day?	☐	☐	_____
Any compounds detected in trip blanks?	☐	☐	_____
Duplicate samples			
Field duplicates performed, 1/20 samples?	☐	☐	_____
Is percent difference within 30% for all field parameters?	☐	☐	_____
Equipment blanks			
Equipment blanks submitted, one per sampling day?	☐	☐	_____
Any compounds detected in equipment blank?	☐	☐	_____
Split samples (if any)			
Split samples collected?	☐	☐	_____
Is percent difference within 30% for split samples?	☐	☐	_____

2. LABORATORY MEASUREMENTS:

Trip blanks			
Trip blanks submitted, one per day?	☐	☐	_____
Any compounds detected in trip blanks?	☐	☐	_____
Instrument blanks**	☐	☐	_____
Laboratory control samples**	☐	☐	_____
Duplicates samples**	☐	☐	_____
Equipment blanks**	☐	☐	_____
Matrix spike/matrix spike duplicates**	☐	☐	_____
Analysis type	☐	☐	_____
Chain-of-Custody records	☐	☐	_____
Surrogate recoveries**	☐	☐	_____
Sample Project Narratives	☐	☐	_____
Split samples (if any)**	☐	☐	_____
Most recent EPA WP-PE sample results**	☐	☐	_____

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
1. SDG Project Narratives	☐	☐	_____
2. Traffic Report	☐	☐	_____
3. Volatiles Data			
a. Sample Data			
Target Compound List (TCL) Results	☐	☐	_____
Reconstructed total ion chromatograms (RIC) for each Sample	☐	☐	_____
For each sample:			
Raw spectra and background-subtracted mass spectra of target compounds identified	☐	☐	_____
Mass spectra of all reported TICs with three best library matches	☐	☐	_____
Percent solids calculations	☐	☐	_____
b. Standards Data (all instruments)			
Initial Calibration Data	☐	☐	_____
RICs and Quan Reports for all Standards	☐	☐	_____
Continuing Calibration	☐	☐	_____
RICs and Quan Reports for all Standards	☐	☐	_____
Internal Standard Area Summary	☐	☐	_____
c. Raw QC Data			
Blank Data	☐	☐	_____
Matrix Spike Data	☐	☐	_____
Matrix Spike Duplicate Data	☐	☐	_____
4. Semivolatiles Data			
a. QC Summary			
Surrogate Percent Recovery Summary	☐	☐	_____
MS/MSD Summary	☐	☐	_____
Method Blank Summary	☐	☐	_____
Tuning and Mass Calibration	☐	☐	_____

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

	YES	NO	COMMENTS
b. Sample Data			
TCL Results	☐	☐	_____
Tentatively Identified Compounds	☐	☐	_____
Reconstructed total ion chromatograms (RIC) for each Sample	☐	☐	_____
For each sample:			
Raw spectra and background-subtracted mass spectra of TCL compounds	☐	☐	_____
Mass spectra of TICs with 3 best library matches	☐	☐	_____
GPC chromatograms (if GPC performed)	☐	☐	_____
c. Standards Data (all instruments)			
Initial Calibration Data	☐	☐	_____
RICs and Quan Reports for all Standards	☐	☐	_____
Continuing Calibration	☐	☐	_____
RICs and Quan Reports for all Standards	☐	☐	_____
Internal Standard Areas Summary	☐	☐	_____
Internal Standard Areas Summary	☐	☐	_____
d. Raw QC Data			
Decafluorotripbenylphosphine (DFTPP)	☐	☐	_____
Blank Data	☐	☐	_____
Matrix Spike Data	☐	☐	_____
Matrix Spike Duplicate Data	☐	☐	_____
5. Miscellaneous Data			
Original preparation and analysis forms or copies of preparation and analysis log book pages	☐	☐	_____
Internal sample & sample extract transfer chain-of custody records	☐	☐	_____
Screening Records	☐	☐	_____
All instrument output, including strip charts from screening activities (describe or list)	☐	☐	_____

_____

_____

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

		YES	NO	COMMENTS
6.	Chain-of-Custody Records	☐	☐	
	Sample Log-in Sheet (Lab & DC1)	☐	☐	
	Miscellaneous Shipping/Receiving Records (describe or list)	☐	☐	
7.	Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)	☐	☐	
8.	Other Records (describe or list)	☐	☐	

9. Comments:

** See laboratory Quality Assurance Plan for limits.

Completed by: _____ _____ _____
(Lab) (Signature) (Printed Name/Title) Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: _____ _____ _____
(Lab) (Signature) (Printed Name/Title) Date

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☐	☐	
2.	Inorganic Analysis Data Sheet	☐	☐	
3.	Initial and Continuing Calibration Verification	☐	☐	
4.	CRDL Standard for AA and ICP	☐	☐	
5.	Blanks	☐	☐	
6.	ICP Interference Check Sample	☐	☐	
7.	Spike Sample Recovery	☐	☐	
8.	Post Digest Spike Sample Recovery	☐	☐	
9.	Duplicates	☐	☐	
10.	Laboratory Control Sample	☐	☐	
11.	Standard Addition Results	☐	☐	
12.	ICP Serial Dilutions	☐	☐	
13.	Instrument Detection Limits, Quarterly	☐	☐	
14.	ICP Interelement Correction Factors, Annually	☐	☐	
15.	ICP Linear Ranges Quarterly	☐	☐	
16.	Preparation Log	☐	☐	
17.	Analysis Run Log	☐	☐	
18.	ICP Raw Data	☐	☐	
19.	Furnace AA Raw Data	☐	☐	
20.	Mercury Raw Data	☐	☐	
21.	Percent Solids Calculations	☐	☐	
22.	Digestion Logs	☐	☐	
23.	EPA Shipping/Receiving Records			
	(List all individual records)	☐	☐	
	Chain-of Custody Records	☐	☐	
	Sample Log-In sheet	☐	☐	
24.	Miscellaneous Shipping/Receiving Records	☐	☐	
	(List all individual records)			

_____

_____

_____

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS
(Continued)

		PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**		
		YES	NO	COMMENTS
25.	Internal Lab Sample Transfer Records and Tracking Sheets (Describe or List)			
26.	Internal Original Sample Preparation and analysis Records (Describe or List	☐	☐	
	Preparation Records	☐	☐	
	Analysis Records	☐	☐	
	Description	☐	☐	
27.	Other Records (Describe or List)			
28.	Comments:			

** See laboratory Quality Assurance Plan for limits.

Completed by: _____ _____ _____
(Lab) (Signature) (Printed Name/Title) Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: _____ _____ _____
(Lab) (Signature) (Printed Name/Title) Date

APPENDIX C

FORMER NU-STYLE COMPANY, INC.
PHASE II SITE ASSESSMENT

PREMIER LABORATORY CERTIFICATES OF ANALYSIS, FUSS & O'NEILL DATA VERIFICATION NARRATIVES AND CERTIFICATIONS, AND DATA VALIDATION COMPLETION WORKSHEETS

FUSS & O'NEILL

Modified Tier I
Data Validation Narrative and Certification

Project: 20050458B10, Former Nu-Style Company, Inc. Facility

Premier Laboratory Project Number:	E704G81
Date Samples Received at Laboratory:	4/27/2007
Date of Review:	6/12/2007

Five surface water samples (including one field duplicate) were collected and submitted to Premier Laboratory, LLC in Dayville, Connecticut. Requested analyses included: volatile organic compounds (VOCs) by EPA Method 8260B, priority pollutant metals plus barium by EPA Methods 6010B and 7470A, and petroleum hydrocarbons by Massachusetts Department of Environmental Protection (MADEP) Methods Extractable Petroleum Hydrocarbons (EPH) and Volatile Petroleum Hydrocarbons (VPH). An aqueous trip blank was also submitted for analysis of VOCs by EPA Method 8260B.

Samples were analyzed within method-specified holding times and in accordance with the Massachusetts Contingency Plan (MCP) Compendium of Analytical Methods (CAM) data enhancement protocols.

I certify that the field and laboratory data associated with the above referenced project, to the best of my knowledge are compliant with the Quality Assurance Project Plan for the Former Nu-Style Company, Inc. Facility located in Franklin, Massachusetts dated September 2006.

Certified by:

Lynne P. Matteson
QA/QC Officer

FUSS & O'NEILL

E704GB1

INITIAL DATE: DECEMBER 2006
REVISION DATE: DECEMBER 2006
REVISION: 0.0

FORMER NU-STYLE COMPANY, INC. FACILITY
TARGETED BROWNFIELD ASSESSMENT PROGRAM
MODIFIED TIER I COMPLETENESS CHECKLIST

	YES	NO
1. SAMPLING AND FIELD MEASUREMENTS:		
Field measurement calibration records	☑	☐
Groundwater field measurements (if applicable)	☐	☐ N/A
Soil sampling field measurements (if applicable)	☐	☐ N/A
Sediment sampling field measurements (if applicable)	☐	☐ N/A
Surface water sampling field measurements (if applicable)	☑	☐
Low-flow sampling field measurements (if applicable)	☐	☐ N/A
Documentation of field activities	☑	☐
Sample numbering and labeling	☑	☐
Chain-of-Custody records	☑	☐
Trip blanks	☑	☐
Duplicate samples	☑	☐
Equipment blanks	☐	☐ N/A
Split samples (if any)	☐	☐ N/A
2. LABORATORY MEASUREMENTS:		
Trip blanks	☑	☐
Instrument blanks	☑	☐
Laboratory control samples	☑	☐
Duplicates samples	☑	☐
Equipment blanks	☐	☐ N/A
Matrix spike/matrix spike duplicates	☑	☐
Analysis type	☑	☐
Chain-of-Custody records	☑	☐
Surrogate recoveries	☑	☐
Sample Project Narratives	☑	☐
Split samples (if any)	☐	☐ N/A
TOTAL:	16	0

PERCENT COMPLETE: 100 %

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

ANALYTICAL DATA REPORT

Report Number: E704G81
Project: 20050458.B10/Nu-Style Phase II

prepared for:

Fuss & O'Neill
275 Promenade Street
Providence, RI 02908

Attn: David Foss

Received Date: 4/27/2007
Report Date: 5/4/2007

Premier Laboratory, LLC
Authorized Signature

Certifications:
CT (PH-0465), MA (M-CT008), ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246)

Premier Laboratory, LLC
61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Premier Laboratory, LLC — Project #: E704G81

Project Location: Franklin, MA — MADEP RTN[1]:

This Form provides certifications for the following data set:[list Laboratory Sample ID Number(s)]
1, 2, 3, 4, 5, 6

Sample Matrices: ☒ Groundwater ☐ Soil/Sediment ☐ Drinking Water ☐ Other

MCP SW-846 Methods Used					
	8260B ☒	8151A ☐	8330 ☐	6010B ☒	7470A/1A ☒
	8270C ☐	8081A ☐	VPH ☒	6020 ☐	9014M[2] ☐
As specified in MADEP Compendium of Analytical Methods (check all that apply)	8082 ☐	8021B ☐	EPH ☒	7000 S[3] ☐	7196A ☐

1 List Release Tracking Number (RTN), if known
2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S - SW-846 Methods 7000 Series. List individual method and analyte.

An affirmative response to questions A, B, C, and D is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	☒ Yes ☐ No[1]
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	☒ Yes ☐ No[1]
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 (a),(b),(c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☒ Yes ☐ No[1]
D	***VPH and EPH Methods only:*** Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	☒ Yes ☐ No[1]

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	☒ Yes ☐ No[1]
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☒ Yes ☐ No[1]

[1]*All NO answers 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: Robert Stevenson — Position: Laboratory Director

Printed Name: Robert Stevenson — Date: 5/4/2007

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

Report No: E704G81
Client: Fuss & O'Neill
Project: 20050458.B10/Nu-Style Phase II

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory received six samples from Fuss & O'Neill on 04/27/2007. The samples were analyzed from the following list of analyses:

Extractable Petroleum Hydrocarbon (EPH)
MADEP EPH[MADEP EPH]
Volatile Petroleum Hydrocarbon (VPH)
MADEP VPH

Trace Priority Pollutant (13) Metals in Water
6010B[3000], 7470A[245.1]
Volatiles by 8260B (GA/GW-1/S-1)
8260B

Variances:

SDG:

None reported.

Method:

None reported.

QA/QC:

None reported.

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E704G81
Date Received: 4/27/2007

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(1) 841070426-01						
Date Collected: 4/26/2007 Matrix: Aqueous						
Trace Metals by 6010B						
Antimony	ND	0.0030	mg/L	05/01/07	AM	
Arsenic	ND	0.0050	mg/L	05/01/07	AM	
Barium	0.086	0.0020	mg/L	05/01/07	AM	
Beryllium	ND	0.0010	mg/L	05/01/07	AM	
Cadmium	ND	0.0020	mg/L	05/01/07	AM	
Chromium	ND	0.0020	mg/L	05/01/07	AM	
Copper	0.0040	0.0020	mg/L	05/01/07	AM	
Lead	ND	0.0020	mg/L	05/01/07	AM	
Nickel	ND	0.0020	mg/L	05/01/07	AM	
Selenium	ND	0.0050	mg/L	05/01/07	AM	
Silver	ND	0.0020	mg/L	05/01/07	AM	
Thallium	ND	0.0050	mg/L	05/01/07	AM	
Zinc	0.018	0.0020	mg/L	05/01/07	AM	
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	04/30/07	AKB	
(2) 841070426-02						
Date Collected: 4/26/2007 Matrix: Aqueous						
Trace Metals by 6010B						
Antimony	ND	0.0030	mg/L	05/01/07	AM	
Arsenic	ND	0.0050	mg/L	05/01/07	AM	
Barium	0.085	0.0020	mg/L	05/01/07	AM	
Beryllium	ND	0.0010	mg/L	05/01/07	AM	
Cadmium	ND	0.0020	mg/L	05/01/07	AM	
Chromium	ND	0.0020	mg/L	05/01/07	AM	
Copper	0.0023	0.0020	mg/L	05/01/07	AM	
Lead	ND	0.0020	mg/L	05/01/07	AM	
Nickel	ND	0.0020	mg/L	05/01/07	AM	
Selenium	ND	0.0050	mg/L	05/01/07	AM	
Silver	ND	0.0020	mg/L	05/01/07	AM	
Thallium	ND	0.0050	mg/L	05/01/07	AM	
Zinc	0.017	0.0020	mg/L	05/01/07	AM	
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	04/30/07	AKB	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E704G81
Date Received: 4/27/2007

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(3) 841070426-03						
Date Collected: 4/26/2007 Matrix: Aqueous						
Trace Metals by 6010B						
Antimony	ND	0.0030	mg/L	05/01/07	AM	
Arsenic	ND	0.0050	mg/L	05/01/07	AM	
Barium	0.084	0.0020	mg/L	05/01/07	AM	
Beryllium	ND	0.0010	mg/L	05/01/07	AM	
Cadmium	ND	0.0020	mg/L	05/01/07	AM	
Chromium	ND	0.0020	mg/L	05/01/07	AM	
Copper	ND	0.0020	mg/L	05/01/07	AM	
Lead	0.0033	0.0020	mg/L	05/01/07	AM	
Nickel	ND	0.0020	mg/L	05/01/07	AM	
Selenium	ND	0.0050	mg/L	05/01/07	AM	
Silver	ND	0.0020	mg/L	05/01/07	AM	
Thallium	ND	0.0050	mg/L	05/01/07	AM	
Zinc	0.017	0.0020	mg/L	05/01/07	AM	
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	04/30/07	AKB	
(4) 841070426-04						
Date Collected: 4/26/2007 Matrix: Aqueous						
Trace Metals by 6010B						
Antimony	ND	0.0030	mg/L	05/01/07	AM	
Arsenic	ND	0.0050	mg/L	05/01/07	AM	
Barium	0.083	0.0020	mg/L	05/01/07	AM	
Beryllium	ND	0.0010	mg/L	05/01/07	AM	
Cadmium	ND	0.0020	mg/L	05/01/07	AM	
Chromium	ND	0.0020	mg/L	05/01/07	AM	
Copper	0.0041	0.0020	mg/L	05/04/07	AM	
Lead	ND	0.0020	mg/L	05/01/07	AM	
Nickel	ND	0.0020	mg/L	05/01/07	AM	
Selenium	ND	0.0050	mg/L	05/01/07	AM	
Silver	ND	0.0020	mg/L	05/01/07	AM	
Thallium	ND	0.0050	mg/L	05/01/07	AM	
Zinc	0.016	0.0020	mg/L	05/01/07	AM	
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	04/30/07	AKB	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E704G81
Date Received: 4/27/2007

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(5) 841070426-05						
Date Collected: 4/26/2007 Matrix: Aqueous						
Trace Metals by 6010B						
Antimony	ND	0.0030	mg/L	05/01/07	AM	
Arsenic	ND	0.0050	mg/L	05/01/07	AM	
Barium	0.083	0.0020	mg/L	05/01/07	AM	
Beryllium	ND	0.0010	mg/L	05/01/07	AM	
Cadmium	ND	0.0020	mg/L	05/01/07	AM	
Chromium	ND	0.0020	mg/L	05/01/07	AM	
Copper	0.0023	0.0020	mg/L	05/01/07	AM	
Lead	ND	0.0020	mg/L	05/01/07	AM	
Nickel	ND	0.0020	mg/L	05/01/07	AM	
Selenium	ND	0.0050	mg/L	05/01/07	AM	
Silver	ND	0.0020	mg/L	05/01/07	AM	
Thallium	ND	0.0050	mg/L	05/01/07	AM	
Zinc	0.015	0.0020	mg/L	05/01/07	AM	
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	04/30/07	AKB	

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G81	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	1	Sample Description:	841070426-01
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Aqueous
Date Analyzed:	04/30/07	Percent Moisture:	N/A
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	1	ND	100	ug/L
C9-C12 Aliphatics**	1	ND	100	ug/L
C9-C10 Aromatics***	1	ND	100	ug/L

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	101	70%-130%
2,5-dibromotoluene #2	105	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Methyl tert-butyl ether (MTBE)	ND	1.0	ug/L
Naphthalene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
m,p-Xylenes	ND	5.0	ug/L
o-Xylene	ND	5.0	ug/L

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G81
PL Sample No: 1

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/02/07 By: GP
Method: 8260B
QC Batch#: 53661
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-01

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M34878.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	10
71-43-2	Benzene	ND	1.0
108-86-1	Bromobenzene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
75-27-4	Bromodichloromethane	ND	1.0
75-25-2	Bromoform	ND	1.0
74-83-9	Bromomethane	ND	1.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	1.0
135-98-8	sec-Butylbenzene	ND	1.0
98-06-6	tert-Butylbenzene	ND	1.0
75-15-0	Carbon disulfide	ND	1.0
56-23-5	Carbon tetrachloride	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
75-00-3	Chloroethane	ND	1.0
67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
95-49-8	2-Chlorotoluene	ND	1.0
106-43-4	4-Chlorotoluene	ND	1.0
108-20-3	Di-isopropyl ether (DIPE)	ND	1.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	1.0
95-50-1	1,2-Dichlorobenzene	ND	1.0
541-73-1	1,3-Dichlorobenzene	ND	1.0
106-46-7	1,4-Dichlorobenzene	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
75-34-3	1,1-Dichloroethane	ND	1.0
107-06-2	1,2-Dichloroethane	ND	1.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	1.0
156-60-5	trans-1,2-Dichloroethene	ND	1.0
78-87-5	1,2-Dichloropropane	ND	1.0
142-28-9	1,3-Dichloropropane	ND	1.0
590-20-7	2,2-Dichloropropane	ND	1.0
563-58-6	1,1-Dichloropropene	ND	1.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
60-29-7	Diethyl ether	ND	1.0
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G81
PL Sample No: 1 (continued)

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/02/07 By: GP
Method: 8260B
QC Batch#: 53661
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-01

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M34878.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	0.50
591-78-6	2-Hexanone	ND	5.0
98-82-8	Isopropylbenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	1.0
103-65-1	n-Propylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
96-18-4	1,2,3-Trichloropropane	ND	1.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	1.0
108-88-3	Toluene	ND	1.0
87-61-6	1,2,3-Trichlorobenzene	ND	1.0
120-82-1	1,2,4-Trichlorobenzene	ND	1.0
71-55-6	1,1,1-Trichloroethane	ND	1.0
79-00-5	1,1,2-Trichloroethane	ND	1.0
79-01-6	Trichloroethene (TCE)	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
95-63-6	1,2,4-Trimethylbenzene	ND	1.0
108-67-8	1,3,5-Trimethylbenzene	ND	1.0
75-01-4	Vinyl chloride	ND	1.0
95-47-6	o-Xylene	ND	1.0
	m,p-Xylenes	ND	1.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	96%	89%-113%
Bromofluorobenzene	95%	83%-107%
Toluene-d8	95%	88%-108%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G81	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	2	Sample Description:	841070426-02
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Aqueous
Date Analyzed:	04/30/07	Percent Moisture:	N/A
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	1	ND	100	ug/L
C9-C12 Aliphatics**	1	ND	100	ug/L
C9-C10 Aromatics***	1	ND	100	ug/L

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	100	70%-130%
2,5-dibromotoluene #2	104	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Methyl tert-butyl ether (MTBE)	1.1	1.0	ug/L
Naphthalene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
m,p-Xylenes	ND	5.0	ug/L
o-Xylene	ND	5.0	ug/L

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G81
PL Sample No: 2

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/02/07 By: GP
Method: 8260B
QC Batch#: 53661
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-02

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M34879.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	10
71-43-2	Benzene	ND	1.0
108-86-1	Bromobenzene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
75-27-4	Bromodichloromethane	ND	1.0
75-25-2	Bromoform	ND	1.0
74-83-9	Bromomethane	ND	1.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	1.0
135-98-8	sec-Butylbenzene	ND	1.0
98-06-6	tert-Butylbenzene	ND	1.0
75-15-0	Carbon disulfide	ND	1.0
56-23-5	Carbon tetrachloride	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
75-00-3	Chloroethane	ND	1.0
67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
95-49-8	2-Chlorotoluene	ND	1.0
106-43-4	4-Chlorotoluene	ND	1.0
108-20-3	Di-isopropyl ether (DIPE)	ND	1.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	1.0
95-50-1	1,2-Dichlorobenzene	ND	1.0
541-73-1	1,3-Dichlorobenzene	ND	1.0
106-46-7	1,4-Dichlorobenzene	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
75-34-3	1,1-Dichloroethane	ND	1.0
107-06-2	1,2-Dichloroethane	ND	1.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	1.0
156-60-5	trans-1,2-Dichloroethene	ND	1.0
78-87-5	1,2-Dichloropropane	ND	1.0
142-28-9	1,3-Dichloropropane	ND	1.0
590-20-7	2,2-Dichloropropane	ND	1.0
563-58-6	1,1-Dichloropropene	ND	1.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
60-29-7	Diethyl ether	ND	1.0
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G81
PL Sample No: 2 (continued)

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/02/07 By: GP
Method: 8260B
QC Batch#: 53661
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-02

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M34879.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	0.50
591-78-6	2-Hexanone	ND	5.0
98-82-8	Isopropylbenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	1.0
103-65-1	n-Propylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
96-18-4	1,2,3-Trichloropropane	ND	1.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	1.0
108-88-3	Toluene	ND	1.0
87-61-6	1,2,3-Trichlorobenzene	ND	1.0
120-82-1	1,2,4-Trichlorobenzene	ND	1.0
71-55-6	1,1,1-Trichloroethane	ND	1.0
79-00-5	1,1,2-Trichloroethane	ND	1.0
79-01-6	Trichloroethene (TCE)	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
95-63-6	1,2,4-Trimethylbenzene	ND	1.0
108-67-8	1,3,5-Trimethylbenzene	ND	1.0
75-01-4	Vinyl chloride	ND	1.0
95-47-6	o-Xylene	ND	1.0
	m,p-Xylenes	ND	1.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	97%	89%-113%
Bromofluorobenzene	96%	83%-107%
Toluene-d8	94%	88%-108%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G81	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	3	Sample Description:	841070426-03
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Aqueous
Date Analyzed:	04/30/07	Percent Moisture:	N/A
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	1	ND	100	ug/L
C9-C12 Aliphatics**	1	ND	100	ug/L
C9-C10 Aromatics***	1	ND	100	ug/L

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	104	70%-130%
2,5-dibromotoluene #2	109	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Methyl tert-butyl ether (MTBE)	ND	1.0	ug/L
Naphthalene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
m,p-Xylenes	ND	5.0	ug/L
o-Xylene	ND	5.0	ug/L

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G81
PL Sample No: 3

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/02/07 By: GP
Method: 8260B
QC Batch#: 53661
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-03

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M34880.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	10
71-43-2	Benzene	ND	1.0
108-86-1	Bromobenzene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
75-27-4	Bromodichloromethane	ND	1.0
75-25-2	Bromoform	ND	1.0
74-83-9	Bromomethane	ND	1.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	1.0
135-98-8	sec-Butylbenzene	ND	1.0
98-06-6	tert-Butylbenzene	ND	1.0
75-15-0	Carbon disulfide	ND	1.0
56-23-5	Carbon tetrachloride	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
75-00-3	Chloroethane	ND	1.0
67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
95-49-8	2-Chlorotoluene	ND	1.0
106-43-4	4-Chlorotoluene	ND	1.0
108-20-3	Di-isopropyl ether (DIPE)	ND	1.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	1.0
95-50-1	1,2-Dichlorobenzene	ND	1.0
541-73-1	1,3-Dichlorobenzene	ND	1.0
106-46-7	1,4-Dichlorobenzene	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
75-34-3	1,1-Dichloroethane	ND	1.0
107-06-2	1,2-Dichloroethane	ND	1.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	1.0
156-60-5	trans-1,2-Dichloroethene	ND	1.0
78-87-5	1,2-Dichloropropane	ND	1.0
142-28-9	1,3-Dichloropropane	ND	1.0
590-20-7	2,2-Dichloropropane	ND	1.0
563-58-6	1,1-Dichloropropene	ND	1.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
60-29-7	Diethyl ether	ND	1.0
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G81
PL Sample No: 3 (continued)

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/02/07 By: GP
Method: 8260B
QC Batch#: 53661
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-03

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M34880.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	0.50
591-78-6	2-Hexanone	ND	5.0
98-82-8	Isopropylbenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	1.0
103-65-1	n-Propylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
96-18-4	1,2,3-Trichloropropane	ND	1.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	1.0
108-88-3	Toluene	ND	1.0
87-61-6	1,2,3-Trichlorobenzene	ND	1.0
120-82-1	1,2,4-Trichlorobenzene	ND	1.0
71-55-6	1,1,1-Trichloroethane	ND	1.0
79-00-5	1,1,2-Trichloroethane	ND	1.0
79-01-6	Trichloroethene (TCE)	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
95-63-6	1,2,4-Trimethylbenzene	ND	1.0
108-67-8	1,3,5-Trimethylbenzene	ND	1.0
75-01-4	Vinyl chloride	ND	1.0
95-47-6	o-Xylene	ND	1.0
	m,p-Xylenes	ND	1.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	97%	89%-113%
Bromofluorobenzene	96%	83%-107%
Toluene-d8	96%	88%-108%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G81	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	4	Sample Description:	841070426-04
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Aqueous
Date Analyzed:	04/30/07	Percent Moisture:	N/A
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	1	ND	100	ug/L
C9-C12 Aliphatics**	1	ND	100	ug/L
C9-C10 Aromatics***	1	ND	100	ug/L

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	99	70%-130%
2,5-dibromotoluene #2	103	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Methyl tert-butyl ether (MTBE)	1.1	1.0	ug/L
Naphthalene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
m,p-Xylenes	ND	5.0	ug/L
o-Xylene	ND	5.0	ug/L

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G81
PL Sample No: 4

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/02/07 By: GP
Method: 8260B
QC Batch#: 53661
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-04

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M34881.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	10
71-43-2	Benzene	ND	1.0
108-86-1	Bromobenzene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
75-27-4	Bromodichloromethane	ND	1.0
75-25-2	Bromoform	ND	1.0
74-83-9	Bromomethane	ND	1.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	1.0
135-98-8	sec-Butylbenzene	ND	1.0
98-06-6	tert-Butylbenzene	ND	1.0
75-15-0	Carbon disulfide	ND	1.0
56-23-5	Carbon tetrachloride	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
75-00-3	Chloroethane	ND	1.0
67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
95-49-8	2-Chlorotoluene	ND	1.0
106-43-4	4-Chlorotoluene	ND	1.0
108-20-3	Di-isopropyl ether (DIPE)	ND	1.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	1.0
95-50-1	1,2-Dichlorobenzene	ND	1.0
541-73-1	1,3-Dichlorobenzene	ND	1.0
106-46-7	1,4-Dichlorobenzene	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
75-34-3	1,1-Dichloroethane	ND	1.0
107-06-2	1,2-Dichloroethane	ND	1.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	1.0
156-60-5	trans-1,2-Dichloroethene	ND	1.0
78-87-5	1,2-Dichloropropane	ND	1.0
142-28-9	1,3-Dichloropropane	ND	1.0
590-20-7	2,2-Dichloropropane	ND	1.0
563-58-6	1,1-Dichloropropene	ND	1.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
60-29-7	Diethyl ether	ND	1.0
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G81
PL Sample No: 4 (continued)

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/02/07 By: GP
Method: 8260B
QC Batch#: 53661
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-04

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M34881.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	0.50
591-78-6	2-Hexanone	ND	5.0
98-82-8	Isopropylbenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	1.0
103-65-1	n-Propylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
96-18-4	1,2,3-Trichloropropane	ND	1.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	1.0
108-88-3	Toluene	ND	1.0
87-61-6	1,2,3-Trichlorobenzene	ND	1.0
120-82-1	1,2,4-Trichlorobenzene	ND	1.0
71-55-6	1,1,1-Trichloroethane	ND	1.0
79-00-5	1,1,2-Trichloroethane	ND	1.0
79-01-6	Trichloroethene (TCE)	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
95-63-6	1,2,4-Trimethylbenzene	ND	1.0
108-67-8	1,3,5-Trimethylbenzene	ND	1.0
75-01-4	Vinyl chloride	ND	1.0
95-47-6	o-Xylene	ND	1.0
	m,p-Xylenes	ND	1.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	98%	89%-113%
Bromofluorobenzene	96%	83%-107%
Toluene-d8	98%	88%-108%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G81	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	5	Sample Description:	841070426-05
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Aqueous
Date Analyzed:	04/30/07	Percent Moisture:	N/A
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	1	ND	100	ug/L
C9-C12 Aliphatics**	1	ND	100	ug/L
C9-C10 Aromatics***	1	ND	100	ug/L

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	100	70%-130%
2,5-dibromotoluene #2	106	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Methyl tert-butyl ether (MTBE)	ND	1.0	ug/L
Naphthalene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
m,p-Xylenes	ND	5.0	ug/L
o-Xylene	ND	5.0	ug/L

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G81
PL Sample No: 5

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/02/07 By: GP
Method: 8260B
QC Batch#: 53661
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-05

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M34882.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	10
71-43-2	Benzene	ND	1.0
108-86-1	Bromobenzene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
75-27-4	Bromodichloromethane	ND	1.0
75-25-2	Bromoform	ND	1.0
74-83-9	Bromomethane	ND	1.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	1.0
135-98-8	sec-Butylbenzene	ND	1.0
98-06-6	tert-Butylbenzene	ND	1.0
75-15-0	Carbon disulfide	ND	1.0
56-23-5	Carbon tetrachloride	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
75-00-3	Chloroethane	ND	1.0
67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
95-49-8	2-Chlorotoluene	ND	1.0
106-43-4	4-Chlorotoluene	ND	1.0
108-20-3	Di-isopropyl ether (DIPE)	ND	1.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	1.0
95-50-1	1,2-Dichlorobenzene	ND	1.0
541-73-1	1,3-Dichlorobenzene	ND	1.0
106-46-7	1,4-Dichlorobenzene	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
75-34-3	1,1-Dichloroethane	ND	1.0
107-06-2	1,2-Dichloroethane	ND	1.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	1.0
156-60-5	trans-1,2-Dichloroethene	ND	1.0
78-87-5	1,2-Dichloropropane	ND	1.0
142-28-9	1,3-Dichloropropane	ND	1.0
590-20-7	2,2-Dichloropropane	ND	1.0
563-58-6	1,1-Dichloropropene	ND	1.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
60-29-7	Diethyl ether	ND	1.0
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G81
PL Sample No: 5 (continued)

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/02/07 By: GP
Method: 8260B
QC Batch#: 53661
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-05

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M34882.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	0.50
591-78-6	2-Hexanone	ND	5.0
98-82-8	Isopropylbenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	1.0
103-65-1	n-Propylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
96-18-4	1,2,3-Trichloropropane	ND	1.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	1.0
108-88-3	Toluene	ND	1.0
87-61-6	1,2,3-Trichlorobenzene	ND	1.0
120-82-1	1,2,4-Trichlorobenzene	ND	1.0
71-55-6	1,1,1-Trichloroethane	ND	1.0
79-00-5	1,1,2-Trichloroethane	ND	1.0
79-01-6	Trichloroethene (TCE)	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
95-63-6	1,2,4-Trimethylbenzene	ND	1.0
108-67-8	1,3,5-Trimethylbenzene	ND	1.0
75-01-4	Vinyl chloride	ND	1.0
95-47-6	o-Xylene	ND	1.0
	m,p-Xylenes	ND	1.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	98%	89%-113%
Bromofluorobenzene	97%	83%-107%
Toluene-d8	97%	88%-108%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G81
PL Sample No: 6

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/02/07 By: GP
Method: 8260B
QC Batch#: 53661
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-11

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M34876.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	10
71-43-2	Benzene	ND	1.0
108-86-1	Bromobenzene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
75-27-4	Bromodichloromethane	ND	1.0
75-25-2	Bromoform	ND	1.0
74-83-9	Bromomethane	ND	1.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	1.0
135-98-8	sec-Butylbenzene	ND	1.0
98-06-6	tert-Butylbenzene	ND	1.0
75-15-0	Carbon disulfide	ND	1.0
56-23-5	Carbon tetrachloride	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
75-00-3	Chloroethane	ND	1.0
67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
95-49-8	2-Chlorotoluene	ND	1.0
106-43-4	4-Chlorotoluene	ND	1.0
108-20-3	Di-isopropyl ether (DIPE)	ND	1.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	1.0
95-50-1	1,2-Dichlorobenzene	ND	1.0
541-73-1	1,3-Dichlorobenzene	ND	1.0
106-46-7	1,4-Dichlorobenzene	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
75-34-3	1,1-Dichloroethane	ND	1.0
107-06-2	1,2-Dichloroethane	ND	1.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	1.0
156-60-5	trans-1,2-Dichloroethene	ND	1.0
78-87-5	1,2-Dichloropropane	ND	1.0
142-28-9	1,3-Dichloropropane	ND	1.0
590-20-7	2,2-Dichloropropane	ND	1.0
563-58-6	1,1-Dichloropropene	ND	1.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
60-29-7	Diethyl ether	ND	1.0
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G81
PL Sample No: 6 (continued)

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/02/07 By: GP
Method: 8260B
QC Batch#: 53661
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-11

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M34876.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	0.50
591-78-6	2-Hexanone	ND	5.0
98-82-8	Isopropylbenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	1.0
103-65-1	n-Propylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
96-18-4	1,2,3-Trichloropropane	ND	1.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	1.0
108-88-3	Toluene	ND	1.0
87-61-6	1,2,3-Trichlorobenzene	ND	1.0
120-82-1	1,2,4-Trichlorobenzene	ND	1.0
71-55-6	1,1,1-Trichloroethane	ND	1.0
79-00-5	1,1,2-Trichloroethane	ND	1.0
79-01-6	Trichloroethene (TCE)	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
95-63-6	1,2,4-Trimethylbenzene	ND	1.0
108-67-8	1,3,5-Trimethylbenzene	ND	1.0
75-01-4	Vinyl chloride	ND	1.0
95-47-6	o-Xylene	ND	1.0
	m,p-Xylenes	ND	1.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	95%	89%-113%
Bromofluorobenzene	96%	83%-107%
Toluene-d8	94%	88%-108%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G81	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	1	Sample Description:	841070426-01
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Aqueous
Date Extracted:	04/30/07	Percent Moisture:	N/A
Date Analyzed:	04/30/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	110	ug/L
C19-C36 Aliphatics	1	ND	110	ug/L
C11-C22 Aromatics*	1	ND	110	ug/L

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	61	40%-140%
2-Bromonaphthalene	80	40%-140%
2-Fluorobiphenyl	80	40%-140%
o-Terphenyl	63	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	1.1	ug/L
Acenaphthene	ND	1.1	ug/L
Acenaphthylene	ND	1.1	ug/L
Anthracene	ND	1.1	ug/L
Benzo[a]anthracene	ND	1.1	ug/L
Benzo[a]pyrene	ND	0.21	ug/L
Benzo[b]fluoranthene	ND	1.1	ug/L
Benzo[g,h,i]perylene	ND	0.53	ug/L
Benzo[k]fluoranthene	ND	1.1	ug/L
Chrysene	ND	1.1	ug/L
Dibenz[a,h]anthracene	ND	0.53	ug/L
Fluoranthene	ND	1.1	ug/L
Fluorene	ND	1.1	ug/L
Indeno[1,2,3-cd]pyrene	ND	0.53	ug/L
Naphthalene	ND	1.1	ug/L
Phenanthrene	ND	1.1	ug/L
Pyrene	ND	1.1	ug/L

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G81	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	2	Sample Description:	841070426-02
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Aqueous
Date Extracted:	04/30/07	Percent Moisture:	N/A
Date Analyzed:	04/30/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	100	ug/L
C19-C36 Aliphatics	1	ND	100	ug/L
C11-C22 Aromatics*	1	ND	100	ug/L

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	54	40%-140%
2-Bromonaphthalene	82	40%-140%
2-Fluorobiphenyl	82	40%-140%
o-Terphenyl	54	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	1.0	ug/L
Acenaphthene	ND	1.0	ug/L
Acenaphthylene	ND	1.0	ug/L
Anthracene	ND	1.0	ug/L
Benzo[a]anthracene	ND	1.0	ug/L
Benzo[a]pyrene	ND	0.21	ug/L
Benzo[b]fluoranthene	ND	1.0	ug/L
Benzo[g,h,i]perylene	ND	0.53	ug/L
Benzo[k]fluoranthene	ND	1.0	ug/L
Chrysene	ND	1.0	ug/L
Dibenz[a,h]anthracene	ND	0.53	ug/L
Fluoranthene	ND	1.0	ug/L
Fluorene	ND	1.0	ug/L
Indeno[1,2,3-cd]pyrene	ND	0.53	ug/L
Naphthalene	ND	1.0	ug/L
Phenanthrene	ND	1.0	ug/L
Pyrene	ND	1.0	ug/L

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G81	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	3	Sample Description:	841070426-03
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Aqueous
Date Extracted:	04/30/07	Percent Moisture:	N/A
Date Analyzed:	04/30/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	100	ug/L
C19-C36 Aliphatics	1	ND	100	ug/L
C11-C22 Aromatics*	1	ND	100	ug/L

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	66	40%-140%
2-Bromonaphthalene	86	40%-140%
2-Fluorobiphenyl	86	40%-140%
o-Terphenyl	73	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	1.0	ug/L
Acenaphthene	ND	1.0	ug/L
Acenaphthylene	ND	1.0	ug/L
Anthracene	ND	1.0	ug/L
Benzo[a]anthracene	ND	1.0	ug/L
Benzo[a]pyrene	ND	0.21	ug/L
Benzo[b]fluoranthene	ND	1.0	ug/L
Benzo[g,h,i]perylene	ND	0.53	ug/L
Benzo[k]fluoranthene	ND	1.0	ug/L
Chrysene	ND	1.0	ug/L
Dibenz[a,h]anthracene	ND	0.53	ug/L
Fluoranthene	ND	1.0	ug/L
Fluorene	ND	1.0	ug/L
Indeno[1,2,3-cd]pyrene	ND	0.53	ug/L
Naphthalene	ND	1.0	ug/L
Phenanthrene	ND	1.0	ug/L
Pyrene	ND	1.0	ug/L

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G81	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	4	Sample Description:	841070426-04
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Aqueous
Date Extracted:	04/30/07	Percent Moisture:	N/A
Date Analyzed:	04/30/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	110	ug/L
C19-C36 Aliphatics	1	ND	110	ug/L
C11-C22 Aromatics*	1	ND	110	ug/L

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	63	40%-140%
2-Bromonaphthalene	88	40%-140%
2-Fluorobiphenyl	87	40%-140%
o-Terphenyl	66	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	1.1	ug/L
Acenaphthene	ND	1.1	ug/L
Acenaphthylene	ND	1.1	ug/L
Anthracene	ND	1.1	ug/L
Benzo[a]anthracene	ND	1.1	ug/L
Benzo[a]pyrene	ND	0.22	ug/L
Benzo[b]fluoranthene	ND	1.1	ug/L
Benzo[g,h,i]perylene	ND	0.56	ug/L
Benzo[k]fluoranthene	ND	1.1	ug/L
Chrysene	ND	1.1	ug/L
Dibenz[a,h]anthracene	ND	0.56	ug/L
Fluoranthene	ND	1.1	ug/L
Fluorene	ND	1.1	ug/L
Indeno[1,2,3-cd]pyrene	ND	0.56	ug/L
Naphthalene	ND	1.1	ug/L
Phenanthrene	ND	1.1	ug/L
Pyrene	ND	1.1	ug/L

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G81	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	5	Sample Description:	841070426-05
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Aqueous
Date Extracted:	04/30/07	Percent Moisture:	N/A
Date Analyzed:	05/01/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	100	ug/L
C19-C36 Aliphatics	1	ND	100	ug/L
C11-C22 Aromatics*	1	ND	100	ug/L

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	69	40%-140%
2-Bromonaphthalene	90	40%-140%
2-Fluorobiphenyl	89	40%-140%
o-Terphenyl	77	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	1.0	ug/L
Acenaphthene	ND	1.0	ug/L
Acenaphthylene	ND	1.0	ug/L
Anthracene	ND	1.0	ug/L
Benzo[a]anthracene	ND	1.0	ug/L
Benzo[a]pyrene	ND	0.21	ug/L
Benzo[b]fluoranthene	ND	1.0	ug/L
Benzo[g,h,i]perylene	ND	0.53	ug/L
Benzo[k]fluoranthene	ND	1.0	ug/L
Chrysene	ND	1.0	ug/L
Dibenz[a,h]anthracene	ND	0.53	ug/L
Fluoranthene	ND	1.0	ug/L
Fluorene	ND	1.0	ug/L
Indeno[1,2,3-cd]pyrene	ND	0.53	ug/L
Naphthalene	ND	1.0	ug/L
Phenanthrene	ND	1.0	ug/L
Pyrene	ND	1.0	ug/L

E704 681

FUSS & O'NEILL
Disciplines to Deliver
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
- ☐ 56 Quarry Road, Trumbull, CT 06611
- ☐ 1419 Richland Street, Columbia, SC 29201
- ☐ 78 Interstate Drive, West Springfield, MA 01089
- ☐ 610 Lynndale Court, Suite E, Greenville, NC 27858
- ☐ 24 Madison Avenue Extension, Albany, NY 12203
- ☑ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
- ☐ Other _____

CHAIN-OF-CUSTODY RECORD

12813

Turnaround
☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☑ Standard (____ days) *Surcharge Applies

PROJECT NAME: Nu-Style - Phase II
PROJECT LOCATION: Franklin, MA
PROJECT NUMBER: 20050458.B10
LABORATORY: Premier

REPORT TO: David Foss
INVOICE TO: David Foss
P.O. No.: 8412005 0458 B10
Sampler's Signature: [signature] Date: 4/26/07

Source Codes:
MW=Monitoring Well, SW=Surface Water, PW=Potable Water, T=Treatment Facility, S=Soil, B=Bottom Sediment, W=Waste, A=Air
X=Other: Trip Blank - D.I./HCl

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	PP-13 Metals plus Barium	VOCs by 8260	VPH by MADEP Method	EPH by MADEP Method	Soil VOA Vial [ ] methanol [ ] sodium bisulfate	Glass Soil Container ( ) oz	Glass Soil Container ( ) oz	Other:	Other:	Water VOA Vial [ ] As is [✓] HCl	Glass Amber (1000) ml [ ] As is [ ] H2SO4 [HCl]	Plastic - As is [ ] 250 ml [ ] 500 ml 1000 ml	Plastic - H2SO4 [ ] 250 ml [ ] 500 ml	Plastic - HNO3 250 ml [ ] 500 ml	Plastic - NaOH 250 ml [ ] Filtered	Bacteria Bottle	Comments
1	✓				841070426-01	SW	4/26/07	1005	✓	✓	✓	✓													
2					-02			1030										4	2		1				
3					-03			1115																	
4					-04			1120																	
5					-05			1205																	
6					-11	X		1220																	
~~7~~																		2							Trip Blank - HCl

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	F+O Fridge	4/26/07	1400
2	F+O Fridge	[signature]	4/27/07	0900
3	[signature]	[signature]	4/27/07	0900
4	[signature]	[signature]	4-27-07	12:50

Reporting and Detection Limit Requirements:
MCP Data Enhancement Project - see attached tables for RLs

Additional Comments:
Complete attached QA/QC checklist

FORM 4
8260B METHOD BLANK SUMMARY

VBLK0502

Project No.: E704G81

Project: 20050458.B10/Nu-Style Phase II

Lab File ID: M34875.D

Lab Sample ID: VBLK0502

Matrix: (soil/water) Water

Date Analyzed: 05/02/07

Instrument ID: MS11

Date Extracted:

Time Analyzed: 1202

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E704G81-1C	841070426-01	M34878.D	05/02/07
02	E704G81-2C	841070426-02	M34879.D	05/02/07
03	E704G81-3C	841070426-03	M34880.D	05/02/07
04	E704G81-4C	841070426-04	M34881.D	05/02/07
05	E704G81-5C	841070426-05	M34882.D	05/02/07
06	E704G81-6	841070426-11	M34876.D	05/02/07
07	VLCS0502	VLCS0502	M34872.D	05/02/07
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

Spike Recovery and RPD Summary Report - WATER

Method : C:\HPCHEM\1\METHODS\8260BMCP.M (RTE Integrator)
Title :
Last Update : Wed May 02 08:16:44 2007
Response via : Initial Calibration

Non-Spiked Sample: M34875.D

Spike Sample	Spike Duplicate Sample
File ID : M34872.D	M34873.D
Sample : VLCS0502	VLCS0502 DUP
Acq Time: 2 May 2007 10:10 am	2 May 2007 10:41 am

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Chloromethane	0.2	50	56	59	111	118	6	25	70-130
Vinyl chloride	0.0	50	50	54	100	107	7	25	77-125
Bromomethane	0.1	50	58	61	115	122	6	25	75-130
Acetone	0.0	50	42	49	83	99	17	25	70-106
1,1-Dichloroethene	0.0	50	52	57	105	115	9	25	75-128
Carbon disulfide	0.0	50	56	62	113	123	9	25	70-130
Methylene chloride	0.0	50	51	55	103	111	8	25	85-112
Methyl-tertbutyl eth	0.0	50	50	52	100	105	4	25	73-125
trans-1,2-Dichloroet	0.0	50	52	54	103	109	5	25	91-112
Di-isopropyl ether (	0.0	50	51	54	103	107	4	25	70-130
1,1-Dichloroethane	0.0	50	51	56	103	112	8	25	79-119
Ethyl tertiary-butyl	0.0	50	52	54	104	109	5	25	70-130
2-Butanone	0.0	50	43	51	86	102	17	25	70-109
2,2-Dichloropropane	0.0	50	52	56	104	112	7	25	71-125
cis-1,2-Dichloroethe	0.0	50	54	55	108	109	1	25	91-109
Chloroform	0.0	50	50	54	100	108	8	25	81-109
Bromochloromethane	0.0	50	54	57	108	114	5	25	87-114
1,1,1-Trichloroethan	0.0	50	51	56	102	112	9	25	81-121
1,1-Dichloropropene	0.0	50	47	52	94	103	9	25	83-113
Carbon tetrachloride	0.0	50	51	55	102	110	8	25	74-120
Benzene	0.0	50	52	54	103	109	5	25	82-109
Tertiary-amyl methyl	0.0	50	53	55	105	111	5	25	70-130
1,2-Dichloroethane	0.3	50	48	51	95	102	7	25	79-103
Trichloroethene	0.0	50	50	54	101	109	8	25	81-111
1,2-Dichloropropane	0.0	50	52	56	105	111	6	25	80-112
Dibromomethane	0.0	50	51	55	102	110	7	25	85-111
Bromodichloromethane	0.0	50	56	56	111	111	0	25	87-116
1,4-Dioxane	0.0	50	46	43	93	86	8	25	70-117
4-Methyl-2-pentanone	0.0	50	49	55	98	110	12	25	77-110
cis-1,3-Dichloroprop	0.0	50	50	54	101	108	7	25	83-109
Toluene	0.0	50	49	54	98	109	11	25	80-113
trans-1,3-Dichloropr	0.0	50	44	48	88	95	8	25	77-101
1,1,2-Trichloroethan	0.0	50	50	55	101	110	8	25	82-112
1,2-Dibromoethane	0.0	50	47	51	94	102	8	25	80-110
1,3-Dichloropropane	0.0	50	53	56	105	113	7	25	84-113
Tetrachloroethene	0.0	50	51	54	101	109	7	25	88-113
Dibromochloromethane	0.0	50	49	53	98	105	7	25	85-113
Chlorobenzene	0.0	50	51	55	101	109	8	25	85-111
1,1,1,2-Tetrachloroe	0.0	50	50	53	99	106	6	25	81-117
Ethylbenzene	0.1	50	53	58	107	116	9	25	92-116
m+p-Xylenes	0.0	100	103	112	103	112	8	25	79-118
o-Xylene	0.0	50	50	53	99	106	7	25	86-106
Styrene	0.0	50	53	55	105	109	4	25	90-111
Bromoform	0.0	50	53	58	105	116	9	25	74-119
Isopropylbenzene	0.1	50	50	53	100	106	6	25	85-111
1,1,2,2-Tetrachloroe	0.0	50	49	52	98	103	5	25	70-119
n-Propylbenzene	0.1	50	54	57	108	114	5	25	87-115
Bromobenzene	0.0	50	52	54	104	109	5	25	78-111
4-Chlorotoluene	0.2	50	49	50	97	99	2	25	81-111
1,3,5-Trimethylbenze	0.6	50	45	47	89	93	4	25	88-106
tert-Butylbenzene	0.0	50	48	52	96	103	7	25	82-106
1,2,4-Trimethylbenze	0.0	50	46	47	91	93	2	25	91-112

sec-Butylbenzene	0.2	50	48	51	95	101	6	25	91-106
4-Isopropyltoluene	0.2	50	48	51	96	102	7	25	86-106
1,3-Dichlorobenzene	0.2	50	51	53	101	105	4	25	79-110
1,4-Dichlorobenzene	0.2	50	46	48	92	95	3	25	82-103
n-Butylbenzene	0.0	50	44	46	88	92	5	25	71-106
1,2-Dichlorobenzene	0.1	50	50	52	100	105	4	25	81-110
1,2,4-Trichlorobenze	0.0	50	46	48	91	96	5	25	70-101
Hexachlorobutadiene	0.7	50	46	50	91	98	7	25	70-112
Naphthalene	0.0	50	46	49	93	97	5	25	70-117
1,2,3-Trichlorobenze	0.0	50	45	47	90	94	4	25	70-111

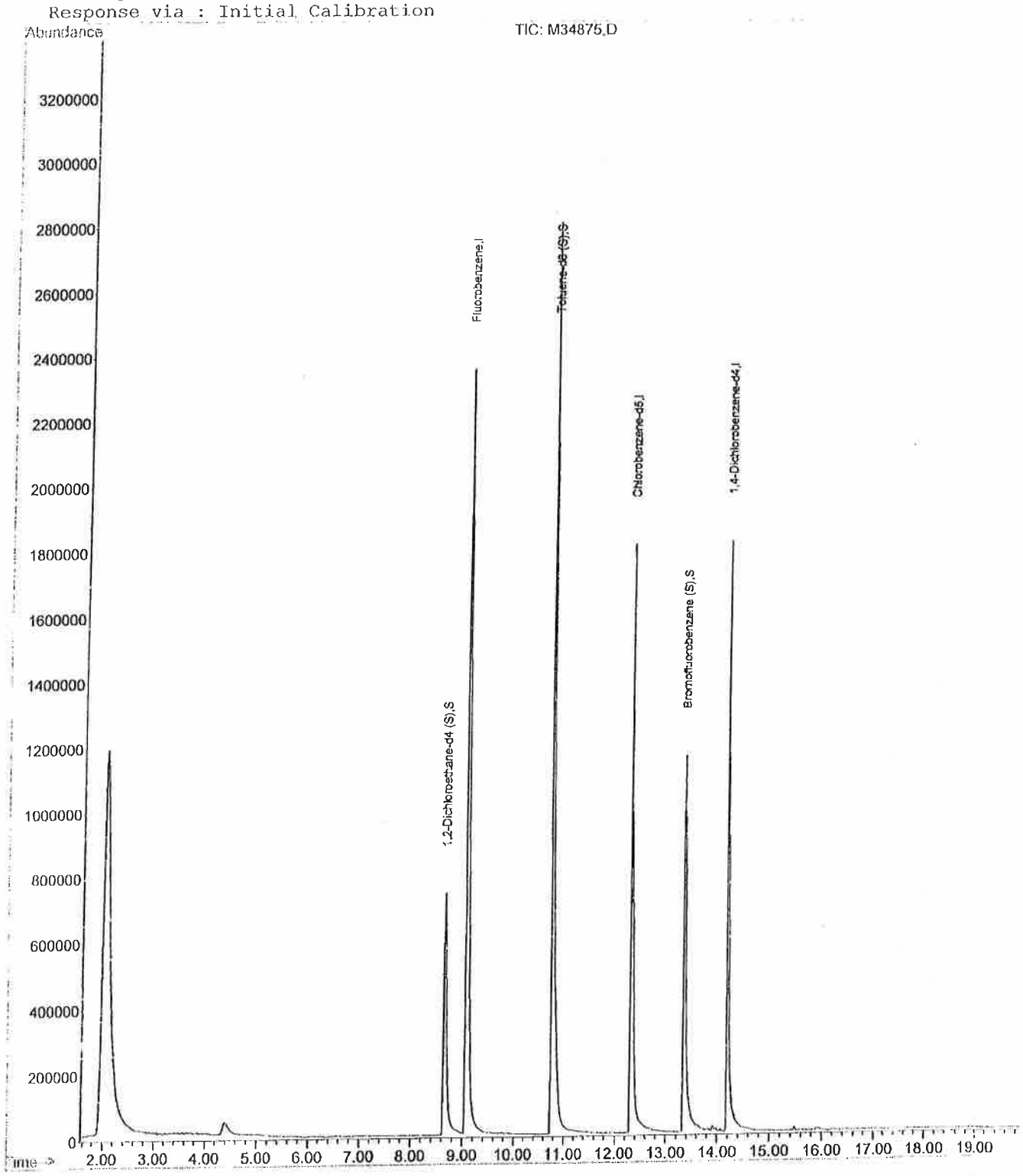
- Fails Limit Check

8260BMCP.M Wed May 02 13:04:15 2007

Quantitation Report

Data File : D:\HPCHEM\1\DATA\070502M.B\M34875.D Vial: 6
Acq On : 2 May 2007 12:02 pm Operator: GP
Sample : VBLK0502 Inst : MS11
Misc : 8260B() Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 2 12:59 2007 Quant Results File: 8260BMCP.RES

Method : C:\HPCHEM\1\METHODS\8260BMCP.M (RTE Integrator)
Title :
Last Update : Wed May 02 08:16:44 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : D:\HPCHEM\1\DATA\070502M.B\M34875.D
Acq On : 2 May 2007 12:02 pm
Sample : VBLK0502
Misc : 8260B()
MS Integration Params: rteint.p
Quant Time: May 2 12:59 2007

Vial: 6
Operator: GP
Inst : MS11
Multiplr: 1.00

Quant Results File: 8260BMCP.RES

Quant Method : C:\HPCHEM\1\METHODS\8260BMCP.M (RTE Integrator)
Title :
Last Update : Wed May 02 08:16:44 2007
Response via : Initial Calibration
DataAcq Meth : 8260BMCP

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	9.07	96	3938084	50.00 ppb	0.00
43) Chlorobenzene-d5	12.31	117	1809537	50.00 ppb	0.00
63) 1,4-Dichlorobenzene-d4	14.19	152	682529	50.00 ppb	0.00
System Monitoring Compounds					
34) 1,2-Dichloroethane-d4 (S)	8.65	65	1027759	48.43 ppb	0.00
Spiked Amount 50.000			Recovery	= 96.86%	
46) Toluene-d8 (S)	10.75	98	3042036	48.20 ppb	0.00
Spiked Amount 50.000			Recovery	= 96.40%	
52) Bromofluorobenzene (S)	13.36	176	697622	48.18 ppb	0.02
Spiked Amount 50.000			Recovery	= 96.36%	

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Spike Recovery and RPD Summary Report WATER

Method : C:\HPCHEM\5\METHODS\VPH60M.M
Title : MA VPH
Last Update : Wed May 09 14:31:15 2007
Response via : Initial Calibration

Non-Spiked Sample: 2043006.D

	Spike Sample	Spike Duplicate Sample
File ID :	2043004.D	2043019.D
Sample :	VLCS0430	VLCSD0430
Acq Time:	30 Apr 07 11:15 AM	30 Apr 07 08:51 PM

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Methyl-tertbutyl eth	0.0	25	24	25	97	101	4	25	70-130
Benzene	0.0	25	25	26	100	103	3	25	70-130
Toluene	0.0	25	25	25	101	102	1	25	70-130
Ethylbenzene	0.0	25	25	25	98	102	4	25	70-130
m+p xylenes	0.0	50	54	54	107	107	0	25	70-130
o-xylene	0.0	25	26	26	102	102	0	25	70-130
Naphthalene	0.0	25	26	23	103	91	12	25	70-130
Methyl-tertbutyl eth	0.0	25	23	26	91	105	14	25	70-130
Benzene #2	0.0	25	23	26	91	103	12	25	70-130
Toluene #2	0.0	25	24	26	96	102	6	25	70-130
Ethylbenzene #2	0.0	25	25	27	101	107	6	25	70-130
m+p xylenes #2	0.0	50	55	57	111	114	2	25	70-130
o-xylene #2	0.0	25	26	26	103	106	2	25	70-130
Naphthalene #2	0.0	25	27	25	109	99	9	25	70-130

FORM 4
MADEP VPH METHOD BLANK SUMMARY

VBLK0430

Project No.: E704G81

Project: 20050458.B10/Nu-Style Phase II

Lab File ID: 2043006.D

Lab Sample ID: VBLK0430

Matrix: (soil/water) Water

Date Analyzed: 04/30/07

Instrument ID: GC2

Date Extracted:

Time Analyzed: 1406

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E704G81-1C	841070426-01	2043007.D	04/30/07
02	E704G81-2C	841070426-02	2043008.D	04/30/07
03	E704G81-3C	841070426-03	2043009.D	04/30/07
04	E704G81-4C	841070426-04	2043010.D	04/30/07
05	E704G81-5C	841070426-05	2043011.D	04/30/07
06	VLCS0430	VLCS0430	2043004.D	04/30/07
07	VLCSD0430	VLCSD0430	2043019.D	04/30/07
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

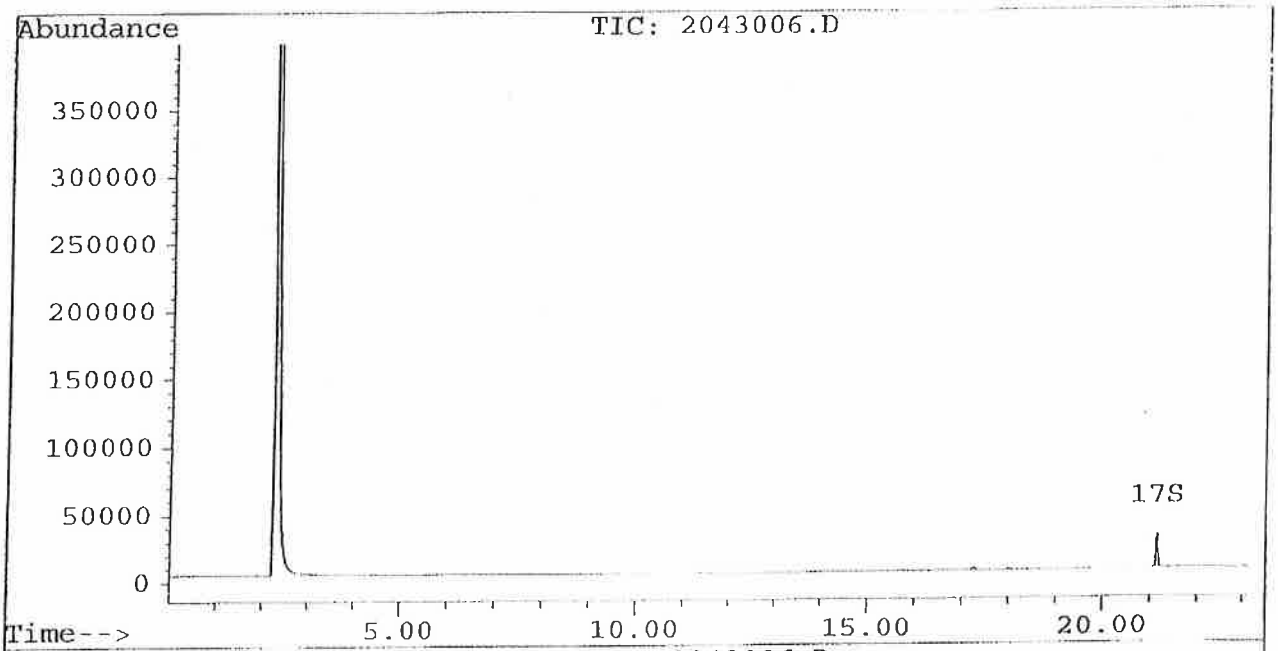
COMMENTS:

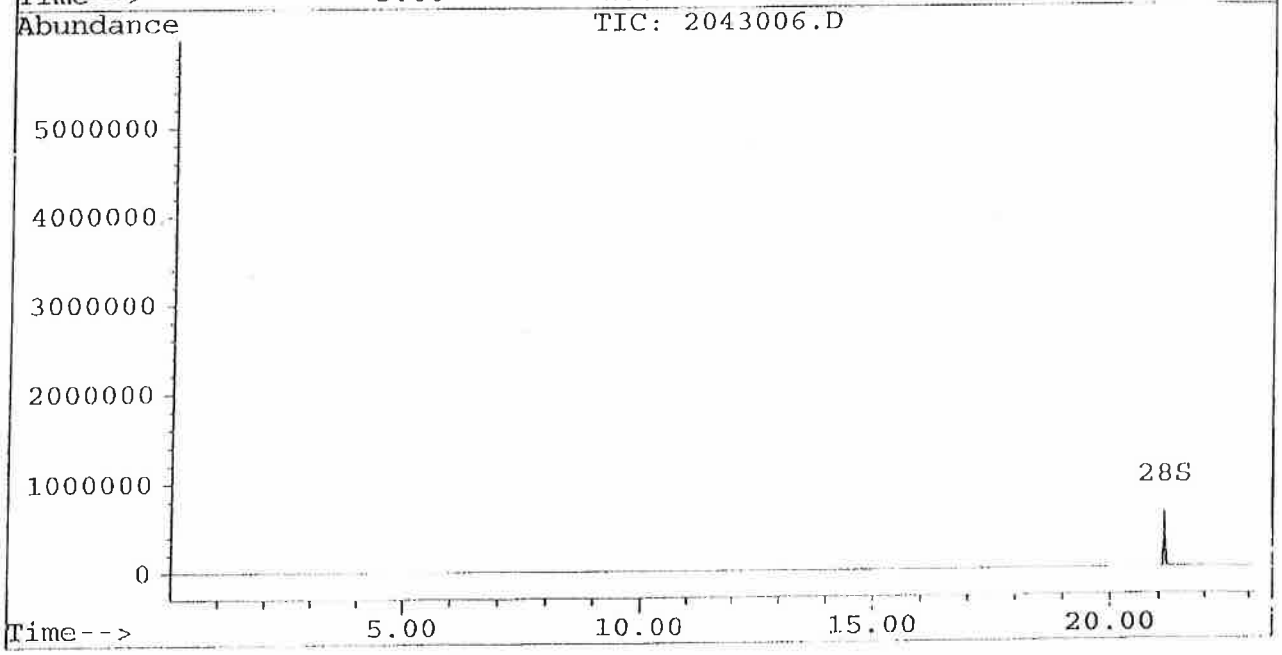
Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\070430C2.B\2043006.D Vial: 6
Signal #2 : C:\HPCHEM\5\DATA\070430C2.B\2043006.D\2043006.D
Acq On : 30 Apr 07 02:06 PM Operator: TW
Sample : VBLK0430 Inst : GC2
Misc : VPH() Multiplr: 1.00
Quant Time: Apr 30 14:34 2007

Method : C:\HPCHEM\5\METHODS\VPH60M.M
Title : MA VPH
Last Update : Wed May 09 14:31:15 2007
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\070430C2.B\2043006.D Vial: 6
Signal #2 : C:\HPCHEM\5\DATA\070430C2.B\2043006.D\2043006.D
Acq On : 30 Apr 07 02:06 PM Operator: TW
Sample : VBLK0430 Inst : GC2
Misc : VPH() Multiplr: 1.00
Quant Time: Apr 30 14:34 2007

Method : C:\HPCHEM\5\METHODS\VPH60M.M
Title : MA VPH
Last Update : Wed May 09 14:31:15 2007
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
17) S 2,5-dibromotoluene(S)	21.15	661801	56.930 ug/L
	Recovery	=	113.86%
28) S 2,5-dibromotoluene(S) #2	21.14	16516811	58.671 ug/L
	Recovery	=	117.34%

Target Compounds

(f)=RT Delta > 1/2 Window (m)=manual int.

FORM 3

WATER MADEP EPH LAB CONTROL SAMPLE DUPLICATE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 05/01/07

Project No.: E704G81 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0430A-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
2-Methylnaphthalene	40.00	19.89	50	2.02	25	40-140
Acenaphthene	40.00	20.22	50	0	25	40-140
Acenaphthylene	40.00	20.26	51	1.98	25	40-140
Anthracene	40.00	21.57	54	7.69	25	40-140
Benzo[a]anthracene	40.00	22.21	56	5.50	25	40-140
Benzo[a]pyrene	40.00	22.47	56	5.50	25	40-140
Benzo[b]fluoranthene	40.00	23.20	58	3.51	25	40-140
Benzo[g,h,i]perylene	40.00	21.31	53	9.90	25	40-140
Benzo[k]fluoranthene	40.00	20.32	51	1.98	25	40-140
Chrysene	40.00	23.37	58	1.74	25	40-140
Decane	40.00	18.36	46	4.44	25	40-140
Dibenz[a,h]anthracene	40.00	18.26	46	4.26	25	40-140
Docosane	40.00	22.94	57	3.57	25	40-140
Dodecane	40.00	19.73	49	2.06	25	40-140
Eicosane	40.00	22.35	56	1.80	25	40-140
Fluoranthene	40.00	22.23	56	3.64	25	40-140
Fluorene	40.00	20.48	51	0	25	40-140
Hexacosane	40.00	23.33	58	3.51	25	40-140
Hexadecane	40.00	20.95	52	1.94	25	40-140
Hexatriacontane	40.00	22.77	57	5.40	25	40-140
Indeno[1,2,3-cd]pyrene	40.00	20.73	52	12.2	25	40-140
Naphthalene	40.00	19.41	48	2.10	25	40-140
Nonadecane	40.00	22.03	55	1.83	25	40-140
Nonane	40.00	16.91	42	2.35	25	30-140
Octacosane	40.00	22.76	57	1.77	25	40-140
Octadecane	40.00	21.38	53	0	25	40-140
Phenanthrene	40.00	24.48	61	4.80	25	40-140
Pyrene	40.00	22.01	55	1.83	25	40-140

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: A22159.D

FORM 3

WATER MADEP EPH LAB CONTROL SAMPLE DUPLICATE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 05/01/07

Project No.: E704G81 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0430A-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
Tetracosane	40.00	23.30	58	3.51	25	40-140
Tetradecane	40.00	20.17	50	2.02	25	40-140
Triacontane	40.00	23.41	58	3.51	25	40-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: A22159.D

FORM 3
WATER MADEP EPH LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 05/01/07

Project No.: E704G81 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0430A-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	QC LIMITS REC
2-Methylnaphthalene	40.00	19.48	49	40-140
Acenaphthene	40.00	19.81	50	40-140
Acenaphthylene	40.00	20.08	50	40-140
Anthracene	40.00	19.95	50	40-140
Benzo[a]anthracene	40.00	21.22	53	40-140
Benzo[a]pyrene	40.00	21.16	53	40-140
Benzo[b]fluoranthene	40.00	22.26	56	40-140
Benzo[g,h,i]perylene	40.00	19.32	48	40-140
Benzo[k]fluoranthene	40.00	19.91	50	40-140
Chrysene	40.00	22.72	57	40-140
Decane	40.00	17.71	44	40-140
Dibenz[a,h]anthracene	40.00	19.33	48	40-140
Docosane	40.00	21.97	55	40-140
Dodecane	40.00	19.25	48	40-140
Eicosane	40.00	21.84	55	40-140
Fluoranthene	40.00	21.58	54	40-140
Fluorene	40.00	20.32	51	40-140
Hexacosane	40.00	22.33	56	40-140
Hexadecane	40.00	20.34	51	40-140
Hexatriacontane	40.00	21.75	54	40-140
Indeno[1,2,3-cd]pyrene	40.00	18.46	46	40-140
Naphthalene	40.00	18.92	47	40-140
Nonadecane	40.00	21.58	54	40-140
Nonane	40.00	17.19	43	30-140
Octacosane	40.00	22.30	56	40-140
Octadecane	40.00	21.27	53	40-140
Phenanthrene	40.00	25.77	64	40-140
Pyrene	40.00	21.42	54	40-140

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: A22158.D

FORM 3
WATER MADEP EPH LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 05/01/07

Project No.: E704G81 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0430A-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	QC LIMITS REC
Tetracosane	40.00	22.28	56	40-140
Tetradecane	40.00	19.64	49	40-140
Triacontane	40.00	22.49	56	40-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: A22158.D

FORM 4
MADEP EPH METHOD BLANK SUMMARY

E0430BA-1

Project No.: E704G81

Project: 20050458.B10/Nu-Style Phase II

Lab File ID: A22135.D

Lab Sample ID: E0430BA-1

Matrix: (soil/water) Water

Date Analyzed: 04/30/07

Instrument ID: GC1

Date Extracted:

Time Analyzed: 2143

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E704G81-1B	841070426-01	A22136.D	04/30/07
02	E704G81-2B	841070426-02	A22137.D	04/30/07
03	E704G81-3B	841070426-03	A22138.D	04/30/07
04	E704G81-4B	841070426-04	A22139.D	04/30/07
05	E704G81-5B	841070426-05	A22140.D	05/01/07
06	LCS0430A-1	LCS0430A-1	A22158.D	05/01/07
07	LCSD0430A-2	LCSD0430A-2	A22159.D	05/01/07
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

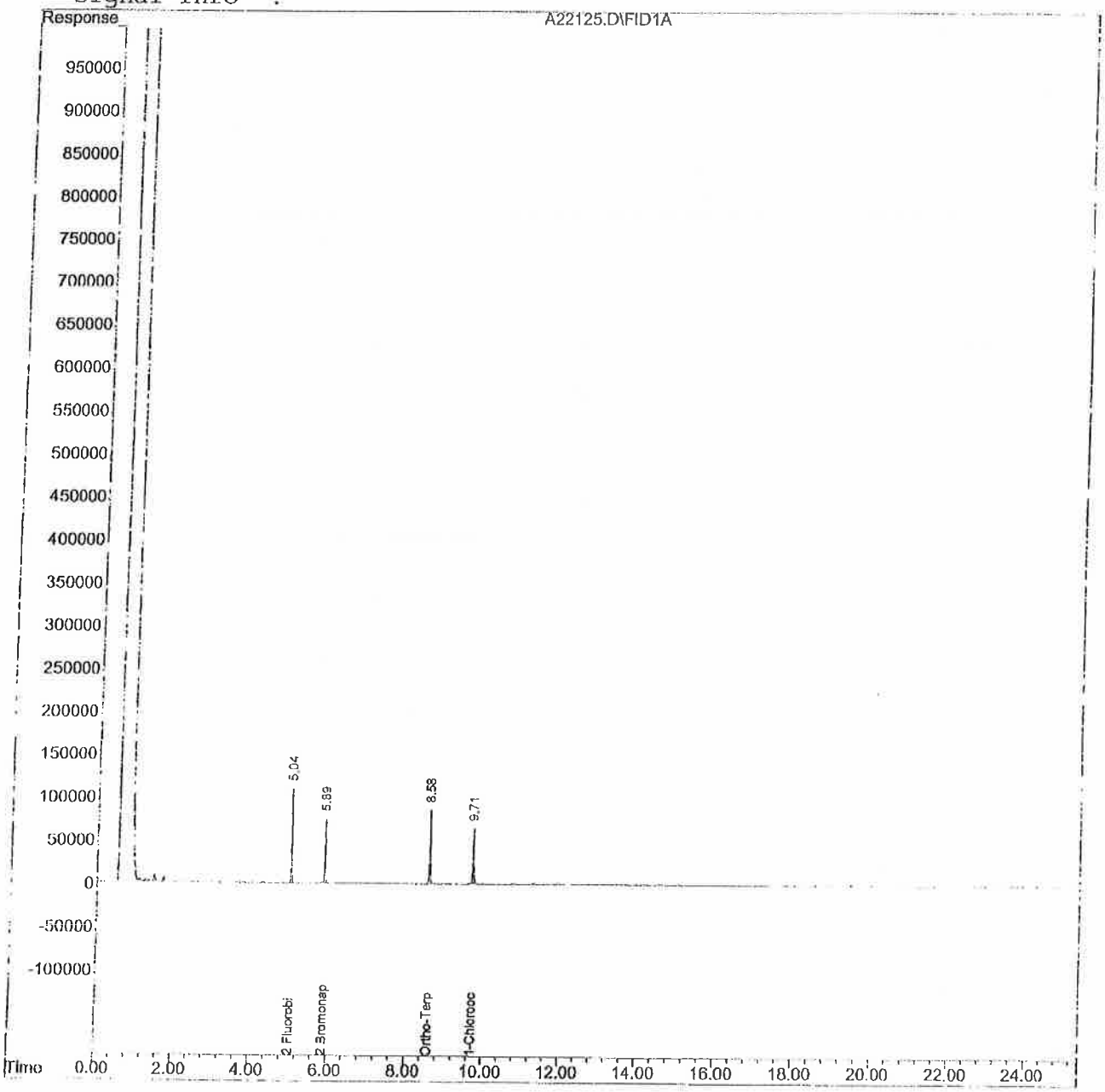
COMMENTS:

Data File : D:\DATA\070430A.B\A22125.D
Acq On : 30 Apr 2007 4:13 pm
Sample : T0430BS-1
Misc : EPH()
IntFile : AUTOINT1.E
Quant Time: May 18 11:44 2007 Quant Results File: TOTALTPH.RES

Vial: 7
Operator: BW
Inst : GC1
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\XMETHODS\TOTALTPH.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 26 12:37:11 2007
Response via : Multiple Level Calibration
DataAcq Meth : EPHACQ.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : D:\DATA\070430A.B\A22125.D Vial: 7
Acq On : 30 Apr 2007 4:13 pm Operator: BW
Sample : T0430BS-1 Inst : GC1
Misc : EPH() Multiplr: 1.00
IntFile : AUTOINT1.E
Quant Time: May 18 11:44 2007 Quant Results File: TOTALTPH.RES

Quant Method : C:\HPCHEM\1\XMETHODS\TOTALTPH.M (Chemstation Integrator)
Title :
Last Update : Thu Apr 26 12:37:11 2007
Response via : Initial Calibration
DataAcq Meth : EPHACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 2 Fluorobiphenyl	5.04	1468720	36.382 ug/ml
Spiked Amount 40.000	Range 16 - 56	Recovery =	90.95%#
2) S 2 Bromonaphthalene	5.89	1010169	36.499 ug/ml
Spiked Amount 40.000	Range 16 - 56	Recovery =	91.25%#
3) S Ortho-Terphenyl	8.58	1348398	29.605 ug/ml
Spiked Amount 40.000	Range 16 - 56	Recovery =	74.01%#
4) S 1-Chlorooctadecane	9.71	1119403	32.202 ug/ml
Spiked Amount 40.000	Range 16 - 56	Recovery =	80.50%#

Target Compounds

(f)=RT Delta > 1/2 Window (m)=manual int.

ICP Method Blank Summary

Workorder # : E704G81	Matrix: Aqueous		
Element	Result ug/L	MDL ug/L	Run Date
Antimony	ND	3	5/1/2007
Aluminum			
Arsenic	ND	5	5/1/2007
Barium	ND	2	5/1/2007
Beryllium	ND	1	5/1/2007
Boron			
Calcium			
Cadmium	ND	2	5/1/2007
Cobalt			
Chromium	ND	2	5/1/2007
Copper	ND	2	5/1/2007
Iron			
Lead	ND	2	5/1/2007
Magnesium			
Manganese			
Mercury CV	ND	0.2	4/30/2007
Molybdenum			
Nickel	ND	2	5/1/2007
Potassium			
Selenium	ND	5	5/1/2007
Silver	ND	2	5/1/2007
Sodium			
Thallium	ND	5	5/1/2007
Titanium			
Tin			
Vanadium			
Zinc	ND	2	5/1/2007

ND = NONE DETECTABLE

(*) Elevated MDLs due to dilution for range

(**) Elevated MDLs due to dilution for interferences

Fortified Sample/Blank Recovery Report

Date:	May 1, 2007
Time:	15:33
Method:	6010B
Analyst:	AM
Validator:	

Matrix	
Aqueous	X
TCLP	
SPLP	

Run Log Reference Number
V-070501-2

Workorder #: E704G81

Fortified Sample ID #: E704G83-7A

Units: ug/L

Laboratory Fortified Matrix(LFM)/LFM Duplicate											LFB		
Element	Sample	Sample Duplicate	RPD	Spike Amount	LFM Result	% recovery	LFMD Result	% recovery	Recovery Limits	RPD	Result	% recovery	Recovery Limits
Ag	0	0	0.0	500	509.17	101.8	514.71	102.9	75-125	1.1	512.07	102.4	80-120
Al				10500					75-125				80-120
As	0	0	0.0	500	494.28	98.9	499.85	100.0	75-125	1.1	497.78	99.6	80-120
B				500					75-125				80-120
Ba	0	0	0.0	500	519.04	103.8	524.38	104.9	75-125	1.0	526.33	105.3	80-120
Be	0	0	0.0	500	485.32	97.1	491.73	98.3	75-125	1.3	489.64	97.9	80-120
Ca				10500					75-125				80-120
Cd	0	0	0.0	500	491.78	98.4	496.79	99.4	75-125	1.0	495.72	99.1	80-120
Co				500					75-125				80-120
Cr	0	0	0.0	500	487.62	97.5	494.44	98.9	75-125	1.4	489.49	97.9	80-120
Cu	2.96	3.22	8.4	500	479.78	95.4	482.82	96.0	75-125	0.6	485.85	97.2	80-120
Fe				500					75-125				80-120
K				25000					75-125				80-120
Mg				10500					75-125				80-120
Mn				500					75-125				80-120
Mo				500					75-125				80-120
Na				10500					75-125				80-120
Ni	0	0	0.0	500	498.84	99.8	503.16	100.6	75-125	0.9	499.71	99.9	80-120
Pb	0	0	0.0	500	480.95	96.2	483.43	96.7	75-125	0.5	483.43	96.7	80-120
Sb	5.78	5.3	8.7	500	463.65	91.6	479.82	94.8	75-125	3.4	476.99	95.4	80-120
Se	0	0	0.0	500	482.73	96.5	486.78	97.4	75-125	0.8	487.44	97.5	80-120
Sn				2500					75-125				80-120
Tl	0	0	0.0	500	482.5	96.5	484.09	96.8	75-125	0.3	485.65	97.1	80-120
Ti				500					75-125				80-120
V				500					75-125				80-120
Zn	0	0	0.0	500	504.26	100.9	509.68	101.9	75-125	1.1	500.41	100.1	80-120
Hg	0	0	0.0	5	4.335	86.7	4.516	90.3	66-133	4.1	4.048	81.0	80-120

HG RUN ON 04/30/07

SAMPLE SPIKED FOR HG - E704H07-1A

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
1. SDG Project Narratives	☒	☐	
2. Traffic Report	☐	☐	
3. Volatiles Data			
a. Sample Data			
Target Compound List (TCL) Results	☒	☐	
Reconstructed total ion chromatograms (RIC) for each Sample	☒	☐	
For each sample:			
Raw spectra and background-subtracted mass spectra of target compounds identified	☒	☐	
Mass spectra of all reported TICs with three best library matches	☐	☐	N/A
Percent solids calculations	☒	☐	N/A
b. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Area Summary	☒	☐	
c. Raw QC Data			
Blank Data	☒	☐	
Matrix Spike Data	☒	☐	
Matrix Spike Duplicate Data	☒	☐	
4. Semivolatiles Data			
a. QC Summary			
Surrogate Percent Recovery Summary	☒	☐	
MS/MSD Summary	☒	☐	
Method Blank Summary	☒	☐	
Tuning and Mass Calibration	☐	☒	N/A GC EPH

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

	PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**		
	YES	NO	COMMENTS
b. Sample Data			
TCL Results	☐	☒	
Tentatively Identified Compounds	☐	☒	N/A
Reconstructed total ion chromatograms (RIC) for each Sample	☐	☒	N/A
For each sample:			
Raw spectra and background-subtracted mass spectra of TCL compounds	☐	☒	N/A
Mass spectra of TICs with 3 best library matches	☐	☒	N/A
GPC chromatograms (if GPC performed)	☐	☒	N/A
c. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Areas Summary	☐	☒	N/A
Internal Standard Areas Summary	☐	☒	N/A
d. Raw QC Data			
Decafluorotripbenylphosphine (DFTPP)	☐	☒	N/A
Blank Data	☒	☐	
Matrix Spike Data	☐	☒	
Matrix Spike Duplicate Data	☐	☒	
5. Miscellaneous Data			
Original preparation and analysis forms or copies of preparation and analysis log book pages	☒	☐	
Internal sample & sample extract transfer chain of custody records	☐	☒	N/A
Screening Records	☐	☒	NA
All instrument output, including strip charts from screening activities (describe or list)	☐	☒	N/A

FUSS & O'NEILL

INITIAL DATE: OCTOBER 2006
REVISION DATE: OCTOBER 2006
REVISION: 1.0

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
6. Chain-of-Custody Records	☒	☐	
Sample Log-in Sheet (Lab & DC1)	☒	☐	
Miscellaneous Shipping/Receiving Records (describe or list)	☒	☐	
7. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)	☐	☒	
8. Other Records (describe or list)	☐	☒	

9. Comments:

** See laboratory Quality Assurance Plan for limits.

Completed by: (Lab) (Signature) Gregory Plante / Organic Manager (Printed Name/Title) 5/25/07 Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: (Lab) (Signature) Robert Stevenson / Lab Director (Printed Name/Title) 5-29-07 Date

F:\P2005\0458\A10\15-87 Grove St\QAPP\Nu-Style_QAPP_Appendix_B.doc

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Inorganic Analysis Data Sheet	☑	☐	
3.	Initial and Continuing Calibration Verification	☑	☐	
4.	CRDL Standard for AA and ICP	☑	☐	
5.	Blanks	☑	☐	
6.	ICP Interference Check Sample	☑	☐	
7.	Spike Sample Recovery	☑	☐	
8.	Post Digest Spike Sample Recovery	☐	☑	NA
9.	Duplicates	☑	☐	
10.	Laboratory Control Sample	☑	☐	
11.	Standard Addition Results	☐	☑	NA
12.	ICP Serial Dilutions	☑	☐	
13.	Instrument Detection Limits, Quarterly	☑	☐	
14.	ICP Interelement Correction Factors, Annually	☑	☐	
15.	ICP Linear Ranges Quarterly	☑	☐	
16.	Preparation Log	☑	☐	
17.	Analysis Run Log	☑	☐	
18.	ICP Raw Data	☑	☐	
19.	Furnace AA Raw Data	☐	☑	NA
20.	Mercury Raw Data	☑	☐	
21.	Percent Solids Calculations	☐	☑	
22.	Digestion Logs	☑	☐	
23.	EPA Shipping/Receiving Records (List all individual records)	☐	☐	
	Chain-of Custody Records	☑	☐	
	Sample Log-In sheet	☐	☐	
24.	Miscellaneous Shipping/Receiving Records (List all individual records)	☐	☐	

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

		YES	NO	COMMENTS
25.	Internal Lab Sample Transfer Records and Tracking Sheets (Describe or List) logbook			
26.	Internal Original Sample Preparation and analysis Records (Describe or List	☐	☐	
	Preparation Records	☑	☐	logbook
	Analysis Records	☑	☐	hardcopy + electronic
	Description	☐	☐	
27.	Other Records (Describe or List)			
28.	Comments:			

** See laboratory Quality Assurance Plan for limits.

Completed by: B. Supryn (Signature) Barbara Supryn/Inorganic Mgr (Printed Name/Title) 5/24/07 Date
(Lab)

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: B. Supryn (Signature) Barbara Supryn/Inorganic Mgr (Printed Name/Title) 5/24/07 Date
(Lab)

FUSS & O'NEILL

Modified Tier I
Data Validation Narrative and Certification

Project: 20050458B10, Former Nu-Style Company, Inc. Facility

Premier Laboratory Project Number:	E704G83
Date Samples Received at Laboratory:	4/27/2007
Date of Review:	6/12/2007

Five sediment samples (including one field duplicate) and an aqueous equipment blank were collected and submitted to Premier Laboratory, LLC in Dayville, Connecticut. Requested analyses included: volatile organic compounds (VOCs) by EPA Method 8260B, priority pollutant metals plus barium by EPA Methods 6010B and 7471A, total cyanide by EPA Method 9012, polychlorinated biphenyls (PCBs) by EPA Methods 8082, and petroleum hydrocarbons by Massachusetts Department of Environmental Protection (MADEP) Methods Extractable Petroleum Hydrocarbons (EPH) and Volatile Petroleum Hydrocarbons (VPH). A methanol trip blank was also submitted for analysis of VOCs by EPA Method 8260B.

Relative percent differences (RPDs) were generally acceptable with nickel as the only exception in the sediment sample pair. The elevated RPD is likely attributable to matrix interferences and/or sample heterogeneity. Trace concentrations of copper were reported in the equipment blank.

Samples were analyzed within method-specified holding times and in accordance with the Massachusetts Contingency Plan (MCP) Compendium of Analytical Methods (CAM) data enhancement protocols.

I certify that the field and laboratory data associated with the above referenced project, to the best of my knowledge with the exceptions noted above, are compliant with the Quality Assurance Project Plan for the Former Nu-Style Company, Inc. Facility located in Franklin, Massachusetts dated September 2006.

Certified by:

Lynne P. Matteson
QA/QC Officer

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
MODIFIED TIER I COMPLETENESS CHECKLIST

	YES	NO
1. SAMPLING AND FIELD MEASUREMENTS:		
Field measurement calibration records	☑	☐
Groundwater field measurements (if applicable)	☐	☐ N/A
Soil sampling field measurements (if applicable)	☐	☐ N/A
Sediment sampling field measurements (if applicable)	☑	☐
Surface water sampling field measurements (if applicable)	☐	☐ N/A
Low-flow sampling field measurements (if applicable)	☐	☐ N/A
Documentation of field activities	☑	☐
Sample numbering and labeling	☑	☐
Chain-of-Custody records	☑	☐
Trip blanks	☑	☐
Duplicate samples	☑	☐
Equipment blanks	☑	☐
Split samples (if any)	☐	☐ N/A
2. LABORATORY MEASUREMENTS:		
Trip blanks	☑	☐
Instrument blanks	☑	☐
Laboratory control samples	☑	☐
Duplicates samples	☑	☐
Equipment blanks	☑	☐
Matrix spike/matrix spike duplicates	☐	☐ N/A
Analysis type	☑	☐
Chain-of-Custody records	☑	☐
Surrogate recoveries	☑	☐
Sample Project Narratives	☑	☐
Split samples (if any)	☐	☐ N/A
TOTAL:	17	0

PERCENT COMPLETE: 100 %

Premier Laboratory, LLC
61 Louisa Viens Drive
Dayville, CT 06241
Telephone: 860-774-6814 Fax: 860-774-26A9

ANALYTICAL DATA & QUALITY CONTROL REPORT

Report Number: **E704G83**
Project: **20050458.B10/Nu-Style Phase II**

Fuss & O'Neill
275 Promenade Street
Providence, RI 02908

Attn: David Foss

Premier
Laboratory, LLC
61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

ANALYTICAL DATA REPORT

Report Number: E704G83
Project: 20050458.B10/Nu-Style Phase II

prepared for:

Fuss & O'Neill
275 Promenade Street
Providence, RI 02908

Attn: David Foss

Received Date: 4/27/2007
Report Date: 5/24/2007

Premier Laboratory, LLC
Authorized Signature

Certifications:
CT (PH-0465), MA (M-CT008), ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246)

Premier Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Premier Laboratory, LLC	Project #: E704G83
Project Location: Franklin, MA	MADEP RTN[1]:

This Form provides certifications for the following data set:[list Laboratory Sample ID Number(s)]
1, 2, 3, 4, 5, 6, 7

Sample Matrices: ☒ Groundwater ☒ Soil/Sediment ☐ Drinking Water ☐ Other Other ...

MCP SW-846 Methods Used					
	8260B ☒	8151A ☐	8330 ☐	6010B ☒	7470A/1A ☒
	8270C ☐	8081A ☐	VPH ☒	6020 ☐	9014M[2] ☐
As specified in MADEP Compendium of Analytical Methods (check all that apply)	8082 ☒	8021B ☐	EPH ☒	7000 S[3] ☐	7196A ☐

1 List Release Tracking Number (RTN), if known
2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S - SW-846 Methods 7000 Series. List individual method and analyte.

An affirmative response to questions A, B, C, and D is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	☒ Yes ☐ No[1]
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	☒ Yes ☐ No[1]
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 (a),(b),(c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☒ Yes ☐ No[1]
D	***VPH and EPH Methods only:*** Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	☒ Yes ☐ No[1]

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	☒ Yes ☐ No[1]
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☒ Yes ☐ No[1]

[1]*All NO answers 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: Robert Stevenson Position: Laboratory Director

Printed Name: Robert Stevenson Date: 5/24/2007

Premier
Laboratory, LLC
61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

Report No: E704G83
Client: Fuss & O'Neill
Project: 20050458.B10/Nu-Style Phase II

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory received seven samples from Fuss & O'Neill on 04/27/2007. The samples were analyzed from the following list of analyses:

Cyanide, Total, by 9012 in GW/SW
9012[9012]
Trace Priority Pollutant (13) Metals in Soil

Volatile Petroleum Hydrocarbon (VPH)

Volatile Petroleum Hydrocarbon (VPH)
MADEP VPH

Extractable Petroleum Hydrocarbon (EPH)
MADEP EPH[MADEP EPH]
PCB's by 8082 in GW/SW
8082[3500]
Trace Priority Pollutant (13) Metals in Water
6010B[3000], 7470A[245.1]
Volatiles by 8260B (MCP) in GW/SW
8260B

Variances:

SDG:

None reported.

Method:

None reported.

QA/QC:

None reported.

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E704G83
Date Received: 4/27/2007

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed		By	Dilution
(1) 841070426-06							
Date Collected: 4/26/2007 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.62	mg/kg	05/03/07	12:22	KAW	
Trace Metals by 6010B							
Antimony	ND	0.19	mg/kg	05/03/07		AMM	
Arsenic	ND	0.31	mg/kg	05/03/07		AMM	
Barium	15	0.12	mg/kg	05/03/07		AMM	
Beryllium	0.13	0.062	mg/kg	05/03/07		AMM	
Cadmium	0.14	0.12	mg/kg	05/03/07		AMM	
Chromium	1.6	0.12	mg/kg	05/03/07		AMM	
Copper	7.0	0.12	mg/kg	05/03/07		AMM	
Lead	8.6	0.12	mg/kg	05/03/07		AMM	
Nickel	5.4	0.12	mg/kg	05/03/07		AMM	
Selenium	ND	0.31	mg/kg	05/03/07		AMM	
Silver	ND	0.12	mg/kg	05/03/07		AMM	
Thallium	0.55	0.31	mg/kg	05/03/07		AMM	
Zinc	23	0.12	mg/kg	05/03/07		AMM	
Mercury by SW-846 7471 in SW	ND	0.025	mg/kg	05/02/07		AKB	
(2) 841070426-07							
Date Collected: 4/26/2007 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.63	mg/kg	05/03/07	12:23	KAW	
Trace Metals by 6010B							
Antimony	ND	0.19	mg/kg	05/03/07		AMM	
Arsenic	0.75	0.31	mg/kg	05/03/07		AMM	
Barium	20	0.12	mg/kg	05/03/07		AMM	
Beryllium	0.16	0.063	mg/kg	05/03/07		AMM	
Cadmium	0.13	0.12	mg/kg	05/03/07		AMM	
Chromium	1.3	0.12	mg/kg	05/03/07		AMM	
Copper	6.1	0.12	mg/kg	05/03/07		AMM	
Lead	5.9	0.12	mg/kg	05/03/07		AMM	
Nickel	3.6	0.12	mg/kg	05/03/07		AMM	
Selenium	ND	0.31	mg/kg	05/03/07		AMM	
Silver	ND	0.12	mg/kg	05/03/07		AMM	
Thallium	0.99	0.31	mg/kg	05/03/07		AMM	
Zinc	18	0.12	mg/kg	05/03/07		AMM	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E704G83
Date Received: 4/27/2007

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed		By	Dilution
(2) 841070426-07 (continued)							
Date Collected: 4/26/2007 Matrix: Solid							
Mercury by SW-846 7471 in SW	ND	0.025	mg/kg	05/02/07		AKB	
(3) 841070426-08							
Date Collected: 4/26/2007 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.59	mg/kg	05/03/07	12:24	KAW	
Trace Metals by 6010B							
Antimony	ND	0.18	mg/kg	05/03/07		AMM	
Arsenic	ND	0.30	mg/kg	05/03/07		AMM	
Barium	22	0.12	mg/kg	05/03/07		AMM	
Beryllium	0.16	0.059	mg/kg	05/03/07		AMM	
Cadmium	0.16	0.12	mg/kg	05/03/07		AMM	
Chromium	0.75	0.12	mg/kg	05/03/07		AMM	
Copper	1.8	0.12	mg/kg	05/03/07		AMM	
Lead	4.8	0.12	mg/kg	05/03/07		AMM	
Nickel	0.69	0.12	mg/kg	05/03/07		AMM	
Selenium	ND	0.30	mg/kg	05/03/07		AMM	
Silver	ND	0.12	mg/kg	05/03/07		AMM	
Thallium	0.69	0.30	mg/kg	05/03/07		AMM	
Zinc	15	0.12	mg/kg	05/03/07		AMM	
Mercury by SW-846 7471 in SW	ND	0.024	mg/kg	05/02/07		AKB	
(4) 841070426-09							
Date Collected: 4/26/2007 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.6	mg/kg	05/03/07	12:25	KAW	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E704G83
Date Received: 4/27/2007

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(4) 841070426-09 (continued)						
Date Collected: 4/26/2007 Matrix: Solid						
Trace Metals by 6010B						
Antimony	ND	0.18	mg/kg	05/03/07	AMM	
Arsenic	1.2	0.30	mg/kg	05/03/07	AMM	
Barium	16	0.12	mg/kg	05/03/07	AMM	
Beryllium	0.15	0.060	mg/kg	05/03/07	AMM	
Cadmium	0.14	0.12	mg/kg	05/03/07	AMM	
Chromium	1.1	0.12	mg/kg	05/03/07	AMM	
Copper	1.9	0.12	mg/kg	05/03/07	AMM	
Lead	6.6	0.12	mg/kg	05/03/07	AMM	
Nickel	1.5	0.12	mg/kg	05/03/07	AMM	
Selenium	ND	0.30	mg/kg	05/03/07	AMM	
Silver	ND	0.12	mg/kg	05/03/07	AMM	
Thallium	ND	0.30	mg/kg	05/03/07	AMM	
Zinc	16	0.12	mg/kg	05/03/07	AMM	
Mercury by SW-846 7471 in SW	ND	0.024	mg/kg	05/02/07	AKB	
(5) 841070426-10						
Date Collected: 4/26/2007 Matrix: Solid						
Cyanide, Total, by SW-846 9012	ND	0.60	mg/kg	05/03/07 12:28	KAW	
Trace Metals by 6010B						
Antimony	ND	0.18	mg/kg	05/03/07	AMM	
Arsenic	ND	0.30	mg/kg	05/03/07	AMM	
Barium	9.0	0.12	mg/kg	05/03/07	AMM	
Beryllium	0.15	0.060	mg/kg	05/03/07	AMM	
Cadmium	0.14	0.12	mg/kg	05/03/07	AMM	
Chromium	2.9	0.12	mg/kg	05/03/07	AMM	
Copper	3.2	0.12	mg/kg	05/03/07	AMM	
Lead	13	0.12	mg/kg	05/03/07	AMM	
Nickel	1.4	0.12	mg/kg	05/03/07	AMM	
Selenium	ND	0.30	mg/kg	05/03/07	AMM	
Silver	ND	0.12	mg/kg	05/03/07	AMM	
Thallium	ND	0.30	mg/kg	05/03/07	AMM	
Zinc	12	0.12	mg/kg	05/03/07	AMM	
Mercury by SW-846 7471 in SW	ND	0.024	mg/kg	05/02/07	AKB	

69779350

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E704G83
Date Received: 4/27/2007

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(7) 841070426-13						
Date Collected: 4/26/2007 Matrix: Aqueous						
Cyanide, Total, by SW-846 9012	ND	0.010	mg/L	05/03/07 12:28	KAW	
Trace Metals by 6010B						
Antimony	ND	0.0030	mg/L	05/01/07	AM	
Arsenic	ND	0.0050	mg/L	05/01/07	AM	
Barium	ND	0.0020	mg/L	05/01/07	AM	
Beryllium	ND	0.0010	mg/L	05/01/07	AM	
Cadmium	ND	0.0020	mg/L	05/01/07	AM	
Chromium	ND	0.0020	mg/L	05/01/07	AM	
Copper	0.0046	0.0020	mg/L	05/01/07	AM	
Lead	ND	0.0020	mg/L	05/01/07	AM	
Nickel	ND	0.0020	mg/L	05/01/07	AM	
Selenium	ND	0.0050	mg/L	05/01/07	AM	
Silver	ND	0.0020	mg/L	05/01/07	AM	
Thallium	ND	0.0050	mg/L	05/01/07	AM	
Zinc	ND	0.0020	mg/L	05/01/07	AM	
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	04/30/07	AKB	

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G83	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	1	Sample Description:	841070426-06
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Solid
Date Analyzed:	-04/30/07	Percent Moisture:	20.0
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	13000	ug/kg
C9-C12 Aliphatics**	50	ND	13000	ug/kg
C9-C10 Aromatics***	50	ND	13000	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	109	70%-130%
2,5-dibromotoluene #2	117	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	650	ug/kg
Ethylbenzene	ND	650	ug/kg
Methyl tert-butyl ether (MTBE)	ND	130	ug/kg
Naphthalene	ND	650	ug/kg
Toluene	ND	650	ug/kg
m,p-Xylenes	ND	650	ug/kg
o-Xylene	ND	650	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 1

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/04/07 By: GP
Method: 8260B
QC Batch#: 53699
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-06

Matrix: Solid
Percent Moisture: 20.0
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J29969.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	5.2
71-43-2	Benzene	ND	5.2
75-27-4	Bromodichloromethane	ND	5.2
75-25-2	Bromoform	ND	5.2
74-83-9	Bromomethane	ND	2.1
78-93-3	2-Butanone (MEK)	ND	5.2
104-51-8	n-Butylbenzene	ND	5.2
135-98-8	sec-Butylbenzene	ND	5.2
98-06-6	tert-Butylbenzene	ND	5.2
56-23-5	Carbon tetrachloride	ND	5.2
108-90-7	Chlorobenzene	ND	5.2
124-48-1	Chlorodibromomethane	ND	5.2
67-66-3	Chloroform	ND	5.2
108-20-3	Di-isopropyl ether (DIPE)	ND	5.2
106-93-4	1,2-Dibromoethane (EDB)	ND	0.52
95-50-1	1,2-Dichlorobenzene	ND	5.2
541-73-1	1,3-Dichlorobenzene	ND	5.2
106-46-7	1,4-Dichlorobenzene	ND	5.2
75-34-3	1,1-Dichloroethane	ND	5.2
107-06-2	1,2-Dichloroethane	ND	5.2
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	5.2
156-60-5	trans-1,2-Dichloroethene	ND	5.2
78-87-5	1,2-Dichloropropane	ND	5.2
10061-01-5	cis-1,3-Dichloropropene	ND	0.52
10061-02-6	trans-1,3-Dichloropropene	ND	0.52
123-91-1	1,4-Dioxane	ND	21
	Ethyl tertiary-butyl ether (EtBE)	ND	5.2
100-41-4	Ethylbenzene	ND	5.2
87-68-3	Hexachlorobutadiene	ND	0.62
98-82-8	Isopropylbenzene	ND	5.2
99-87-6	4-Isopropyltoluene	ND	5.2
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.2
75-09-2	Methylene chloride	ND	5.2
91-20-3	Naphthalene	ND	5.2
103-65-1	n-Propylbenzene	ND	5.2
100-42-5	Styrene	ND	5.2
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.2
75-65-0	Tertiary-butyl alcohol (TBA)	ND	10
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.2

GB7203A0

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 1 (continued)

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/04/07 By: GP
Method: 8260B
QC Batch#: 53699
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-06

Matrix: Solid
Percent Moisture: 20.0
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J29969.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1
127-18-4	Tetrachloroethene (PCE)	7.6	5.2
108-88-3	Toluene	ND	5.2
120-82-1	1,2,4-Trichlorobenzene	ND	5.2
71-55-6	1,1,1-Trichloroethane	ND	5.2
79-00-5	1,1,2-Trichloroethane	ND	5.2
79-01-6	Trichloroethene (TCE)	ND	5.2
95-63-6	1,2,4-Trimethylbenzene	ND	5.2
108-67-8	1,3,5-Trimethylbenzene	ND	5.2
75-01-4	Vinyl chloride	ND	2.1
95-47-6	o-Xylene	ND	5.2
	m,p-Xylenes	ND	5.2

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	103%	85%-116%
Bromofluorobenzene	90%	63%-113%
Toluene-d8	109%	78%-128%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G83	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	2	Sample Description:	841070426-07
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Solid
Date Analyzed:	-04/30/07	Percent Moisture:	20.2
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	13000	ug/kg
C9-C12 Aliphatics**	50	ND	13000	ug/kg
C9-C10 Aromatics***	50	ND	13000	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	107	70%-130%
2,5-dibromotoluene #2	115	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	640	ug/kg
Ethylbenzene	ND	640	ug/kg
Methyl tert-butyl ether (MTBE)	ND	130	ug/kg
Naphthalene	ND	640	ug/kg
Toluene	ND	640	ug/kg
m,p-Xylenes	ND	640	ug/kg
o-Xylene	ND	640	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 2

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/04/07 By: GP
Method: 8260B
QC Batch#: 53699
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-07

Matrix: Solid
Percent Moisture: 20.2
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J29970.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	5.4
71-43-2	Benzene	ND	5.4
75-27-4	Bromodichloromethane	ND	5.4
75-25-2	Bromoform	ND	5.4
74-83-9	Bromomethane	ND	2.1
78-93-3	2-Butanone (MEK)	ND	5.4
104-51-8	n-Butylbenzene	ND	5.4
135-98-8	sec-Butylbenzene	ND	5.4
98-06-6	tert-Butylbenzene	ND	5.4
56-23-5	Carbon tetrachloride	ND	5.4
108-90-7	Chlorobenzene	ND	5.4
124-48-1	Chlorodibromomethane	ND	5.4
67-66-3	Chloroform	ND	5.4
108-20-3	Di-isopropyl ether (DIPE)	ND	5.4
106-93-4	1,2-Dibromoethane (EDB)	ND	0.54
95-50-1	1,2-Dichlorobenzene	ND	5.4
541-73-1	1,3-Dichlorobenzene	ND	5.4
106-46-7	1,4-Dichlorobenzene	ND	5.4
75-34-3	1,1-Dichloroethane	ND	5.4
107-06-2	1,2-Dichloroethane	ND	5.4
75-35-4	1,1-Dichloroethene	ND	1.1
156-59-2	cis-1,2-Dichloroethene	ND	5.4
156-60-5	trans-1,2-Dichloroethene	ND	5.4
78-87-5	1,2-Dichloropropane	ND	5.4
10061-01-5	cis-1,3-Dichloropropene	ND	0.54
10061-02-6	trans-1,3-Dichloropropene	ND	0.54
123-91-1	1,4-Dioxane	ND	21
	Ethyl tertiary-butyl ether (EtBE)	ND	5.4
100-41-4	Ethylbenzene	ND	5.4
87-68-3	Hexachlorobutadiene	ND	0.64
98-82-8	Isopropylbenzene	ND	5.4
99-87-6	4-Isopropyltoluene	ND	5.4
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.4
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.4
75-09-2	Methylene chloride	ND	5.4
91-20-3	Naphthalene	ND	5.4
103-65-1	n-Propylbenzene	ND	5.4
100-42-5	Styrene	ND	5.4
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.4
75-65-0	Tertiary-butyl alcohol (TBA)	ND	11
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.4

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 2 (continued)

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/04/07 By: GP
Method: 8260B
QC Batch#: 53699
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-07

Matrix: Solid
Percent Moisture: 20.2
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J29970.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1
127-18-4	Tetrachloroethene (PCE)	37	5.4
108-88-3	Toluene	ND	5.4
120-82-1	1,2,4-Trichlorobenzene	ND	5.4
71-55-6	1,1,1-Trichloroethane	ND	5.4
79-00-5	1,1,2-Trichloroethane	ND	5.4
79-01-6	Trichloroethene (TCE)	12	5.4
95-63-6	1,2,4-Trimethylbenzene	ND	5.4
108-67-8	1,3,5-Trimethylbenzene	ND	5.4
75-01-4	Vinyl chloride	ND	2.1
95-47-6	o-Xylene	ND	5.4
	m,p-Xylenes	ND	5.4

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	102%	85%-116%
Bromofluorobenzene	89%	63%-113%
Toluene-d8	108%	78%-128%

60729380

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G83	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	3	Sample Description:	841070426-08
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Solid
Date Analyzed:	-04/30/07	Percent Moisture:	15.7
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	13000	ug/kg
C9-C12 Aliphatics**	50	ND	13000	ug/kg
C9-C10 Aromatics***	50	ND	13000	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	110	70%-130%
2,5-dibromotoluene #2	118	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	670	ug/kg
Ethylbenzene	ND	670	ug/kg
Methyl tert-butyl ether (MTBE)	ND	130	ug/kg
Naphthalene	ND	670	ug/kg
Toluene	ND	670	ug/kg
m,p-Xylenes	ND	670	ug/kg
o-Xylene	ND	670	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 3

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/04/07 By: GP
Method: 8260B
QC Batch#: 53699
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-08

Matrix: Solid
Percent Moisture: 15.7
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J29971.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	4.6
71-43-2	Benzene	ND	4.6
75-27-4	Bromodichloromethane	ND	4.6
75-25-2	Bromoform	ND	4.6
74-83-9	Bromomethane	ND	1.9
78-93-3	2-Butanone (MEK)	ND	4.6
104-51-8	n-Butylbenzene	ND	4.6
135-98-8	sec-Butylbenzene	ND	4.6
98-06-6	tert-Butylbenzene	ND	4.6
56-23-5	Carbon tetrachloride	ND	4.6
108-90-7	Chlorobenzene	ND	4.6
124-48-1	Chlorodibromomethane	ND	4.6
67-66-3	Chloroform	ND	4.6
108-20-3	Di-isopropyl ether (DIPE)	ND	4.6
106-93-4	1,2-Dibromoethane (EDB)	ND	0.46
95-50-1	1,2-Dichlorobenzene	ND	4.6
541-73-1	1,3-Dichlorobenzene	ND	4.6
106-46-7	1,4-Dichlorobenzene	ND	4.6
75-34-3	1,1-Dichloroethane	ND	4.6
107-06-2	1,2-Dichloroethane	ND	4.6
75-35-4	1,1-Dichloroethene	ND	0.93
156-59-2	cis-1,2-Dichloroethene	ND	4.6
156-60-5	trans-1,2-Dichloroethene	ND	4.6
78-87-5	1,2-Dichloropropane	ND	4.6
10061-01-5	cis-1,3-Dichloropropene	ND	0.46
10061-02-6	trans-1,3-Dichloropropene	ND	0.46
123-91-1	1,4-Dioxane	ND	19
	Ethyl tertiary-butyl ether (EtBE)	ND	4.6
100-41-4	Ethylbenzene	ND	4.6
87-68-3	Hexachlorobutadiene	ND	0.56
98-82-8	Isopropylbenzene	ND	4.6
99-87-6	4-Isopropyltoluene	ND	4.6
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	4.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.6
75-09-2	Methylene chloride	ND	4.6
91-20-3	Naphthalene	ND	4.6
103-65-1	n-Propylbenzene	ND	4.6
100-42-5	Styrene	ND	4.6
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	4.6
75-65-0	Tertiary-butyl alcohol (TBA)	ND	9.3
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.6

68710350

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 3 (continued)

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/04/07 By: GP
Method: 8260B
QC Batch#: 53699
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-08

Matrix: Solid
Percent Moisture: 15.7
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J29971.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9
127-18-4	Tetrachloroethene (PCE)	ND	4.6
108-88-3	Toluene	ND	4.6
120-82-1	1,2,4-Trichlorobenzene	ND	4.6
71-55-6	1,1,1-Trichloroethane	ND	4.6
79-00-5	1,1,2-Trichloroethane	ND	4.6
79-01-6	Trichloroethene (TCE)	ND	4.6
95-63-6	1,2,4-Trimethylbenzene	ND	4.6
108-67-8	1,3,5-Trimethylbenzene	ND	4.6
75-01-4	Vinyl chloride	ND	1.9
95-47-6	o-Xylene	ND	4.6
	m,p-Xylenes	ND	4.6

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	103%	85%-116%
Bromofluorobenzene	89%	63%-113%
Toluene-d8	108%	78%-128%

60720939

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G83	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	4	Sample Description:	841070426-09
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Solid
Date Analyzed:	-04/30/07	Percent Moisture:	16.4
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	12000	ug/kg
C9-C12 Aliphatics**	50	ND	12000	ug/kg
C9-C10 Aromatics***	50	ND	12000	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	113	70%-130%
2,5-dibromotoluene #2	120	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	590	ug/kg
Ethylbenzene	ND	590	ug/kg
Methyl tert-butyl ether (MTBE)	ND	120	ug/kg
Naphthalene	ND	590	ug/kg
Toluene	ND	590	ug/kg
m,p-Xylenes	ND	590	ug/kg
o-Xylene	ND	590	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 4

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/04/07 By: GP
Method: 8260B
QC Batch#: 53699
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-09

Matrix: Solid
Percent Moisture: 16.4
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J29972.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	5.1
71-43-2	Benzene	ND	5.1
75-27-4	Bromodichloromethane	ND	5.1
75-25-2	Bromoform	ND	5.1
74-83-9	Bromomethane	ND	2.0
78-93-3	2-Butanone (MEK)	ND	5.1
104-51-8	n-Butylbenzene	ND	5.1
135-98-8	sec-Butylbenzene	ND	5.1
98-06-6	tert-Butylbenzene	ND	5.1
56-23-5	Carbon tetrachloride	ND	5.1
108-90-7	Chlorobenzene	ND	5.1
124-48-1	Chlorodibromomethane	ND	5.1
67-66-3	Chloroform	ND	5.1
108-20-3	Di-isopropyl ether (DIPE)	ND	5.1
106-93-4	1,2-Dibromoethane (EDB)	ND	0.51
95-50-1	1,2-Dichlorobenzene	ND	5.1
541-73-1	1,3-Dichlorobenzene	ND	5.1
106-46-7	1,4-Dichlorobenzene	ND	5.1
75-34-3	1,1-Dichloroethane	ND	5.1
107-06-2	1,2-Dichloroethane	ND	5.1
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	5.1
156-60-5	trans-1,2-Dichloroethene	ND	5.1
78-87-5	1,2-Dichloropropane	ND	5.1
10061-01-5	cis-1,3-Dichloropropene	ND	0.51
10061-02-6	trans-1,3-Dichloropropene	ND	0.51
123-91-1	1,4-Dioxane	ND	20
	Ethyl tertiary-butyl ether (EtBE)	ND	5.1
100-41-4	Ethylbenzene	ND	5.1
87-68-3	Hexachlorobutadiene	ND	0.61
98-82-8	Isopropylbenzene	ND	5.1
99-87-6	4-Isopropyltoluene	ND	5.1
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.1
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.1
75-09-2	Methylene chloride	ND	5.1
91-20-3	Naphthalene	ND	5.1
103-65-1	n-Propylbenzene	ND	5.1
100-42-5	Styrene	ND	5.1
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.1
75-65-0	Tertiary-butyl alcohol (TBA)	ND	10
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.1

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 4 (continued)

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/04/07 By: GP
Method: 8260B
QC Batch#: 53699
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-09

Matrix: Solid
Percent Moisture: 16.4
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J29972.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0
127-18-4	Tetrachloroethene (PCE)	ND	5.1
108-88-3	Toluene	ND	5.1
120-82-1	1,2,4-Trichlorobenzene	ND	5.1
71-55-6	1,1,1-Trichloroethane	ND	5.1
79-00-5	1,1,2-Trichloroethane	ND	5.1
79-01-6	Trichloroethene (TCE)	ND	5.1
95-63-6	1,2,4-Trimethylbenzene	ND	5.1
108-67-8	1,3,5-Trimethylbenzene	ND	5.1
75-01-4	Vinyl chloride	ND	2.0
95-47-6	o-Xylene	ND	5.1
	m,p-Xylenes	ND	5.1

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	103%	85%-116%
Bromofluorobenzene	86%	63%-113%
Toluene-d8	111%	78%-128%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G83	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	5	Sample Description:	841070426-10
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Solid
Date Analyzed:	-04/30/07	Percent Moisture:	17.3
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	12000	ug/kg
C9-C12 Aliphatics**	50	ND	12000	ug/kg
C9-C10 Aromatics***	50	ND	12000	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	110	70%-130%
2,5-dibromotoluene #2	118	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	600	ug/kg
Ethylbenzene	ND	600	ug/kg
Methyl tert-butyl ether (MTBE)	ND	120	ug/kg
Naphthalene	ND	600	ug/kg
Toluene	ND	600	ug/kg
m,p-Xylenes	ND	600	ug/kg
o-Xylene	ND	600	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 5

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/04/07 By: TW
Method: 8260B
QC Batch#: 53699
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-10

Matrix: Solid
Percent Moisture: 17.3
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J29974.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	7.8	4.5
71-43-2	Benzene	ND	4.5
75-27-4	Bromodichloromethane	ND	4.5
75-25-2	Bromoform	ND	4.5
74-83-9	Bromomethane	ND	1.8
78-93-3	2-Butanone (MEK)	ND	4.5
104-51-8	n-Butylbenzene	ND	4.5
135-98-8	sec-Butylbenzene	ND	4.5
98-06-6	tert-Butylbenzene	ND	4.5
56-23-5	Carbon tetrachloride	ND	4.5
108-90-7	Chlorobenzene	ND	4.5
124-48-1	Chlorodibromomethane	ND	4.5
67-66-3	Chloroform	ND	4.5
108-20-3	Di-isopropyl ether (DIPE)	ND	4.5
106-93-4	1,2-Dibromoethane (EDB)	ND	0.45
95-50-1	1,2-Dichlorobenzene	ND	4.5
541-73-1	1,3-Dichlorobenzene	ND	4.5
106-46-7	1,4-Dichlorobenzene	ND	4.5
75-34-3	1,1-Dichloroethane	ND	4.5
107-06-2	1,2-Dichloroethane	ND	4.5
75-35-4	1,1-Dichloroethene	ND	0.91
156-59-2	cis-1,2-Dichloroethene	ND	4.5
156-60-5	trans-1,2-Dichloroethene	ND	4.5
78-87-5	1,2-Dichloropropane	ND	4.5
10061-01-5	cis-1,3-Dichloropropene	ND	0.45
10061-02-6	trans-1,3-Dichloropropene	ND	0.45
123-91-1	1,4-Dioxane	ND	18
	Ethyl tertiary-butyl ether (EtBE)	ND	4.5
100-41-4	Ethylbenzene	ND	4.5
87-68-3	Hexachlorobutadiene	ND	0.54
98-82-8	Isopropylbenzene	ND	4.5
99-87-6	4-Isopropyltoluene	ND	4.5
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	4.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.5
75-09-2	Methylene chloride	ND	4.5
91-20-3	Naphthalene	ND	4.5
103-65-1	n-Propylbenzene	ND	4.5
100-42-5	Styrene	ND	4.5
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	4.5
75-65-0	Tertiary-butyl alcohol (TBA)	ND	9.1
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.5

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 5 (continued)

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/04/07 By: TW
Method: 8260B
QC Batch#: 53699
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-10

Matrix: Solid
Percent Moisture: 17.3
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J29974.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8
127-18-4	Tetrachloroethene (PCE)	ND	4.5
108-88-3	Toluene	ND	4.5
120-82-1	1,2,4-Trichlorobenzene	ND	4.5
71-55-6	1,1,1-Trichloroethane	ND	4.5
79-00-5	1,1,2-Trichloroethane	ND	4.5
79-01-6	Trichloroethene (TCE)	ND	4.5
95-63-6	1,2,4-Trimethylbenzene	ND	4.5
108-67-8	1,3,5-Trimethylbenzene	ND	4.5
75-01-4	Vinyl chloride	ND	1.8
95-47-6	o-Xylene	ND	4.5
	m,p-Xylenes	ND	4.5

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	101%	85%-116%
Bromofluorobenzene	89%	63%-113%
Toluene-d8	105%	78%-128%

6A120150

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 6

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/03/07 By: GP
Method: 8260B
QC Batch#: 53700
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-12

Matrix: Other
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: M34895.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	250
71-43-2	Benzene	ND	250
75-27-4	Bromodichloromethane	ND	250
75-25-2	Bromoform	ND	250
74-83-9	Bromomethane	ND	100
78-93-3	2-Butanone (MEK)	ND	250
104-51-8	n-Butylbenzene	ND	250
135-98-8	sec-Butylbenzene	ND	250
98-06-6	tert-Butylbenzene	ND	250
56-23-5	Carbon tetrachloride	ND	250
108-90-7	Chlorobenzene	ND	250
124-48-1	Chlorodibromomethane	ND	250
67-66-3	Chloroform	ND	250
108-20-3	Di-isopropyl ether (DIPE)	ND	250
106-93-4	1,2-Dibromoethane (EDB)	ND	25
95-50-1	1,2-Dichlorobenzene	ND	250
541-73-1	1,3-Dichlorobenzene	ND	250
106-46-7	1,4-Dichlorobenzene	ND	250
75-34-3	1,1-Dichloroethane	ND	250
107-06-2	1,2-Dichloroethane	ND	250
75-35-4	1,1-Dichloroethene	ND	50
156-59-2	cis-1,2-Dichloroethene	ND	250
156-60-5	trans-1,2-Dichloroethene	ND	250
78-87-5	1,2-Dichloropropane	ND	250
10061-01-5	cis-1,3-Dichloropropene	ND	25
10061-02-6	trans-1,3-Dichloropropene	ND	25
123-91-1	1,4-Dioxane	ND	1000
	Ethyl tertiary-butyl ether (EtBE)	ND	250
100-41-4	Ethylbenzene	ND	250
87-68-3	Hexachlorobutadiene	ND	30
98-82-8	Isopropylbenzene	ND	250
99-87-6	4-Isopropyltoluene	ND	250
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	250
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	250
75-09-2	Methylene chloride	ND	250
91-20-3	Naphthalene	ND	250
103-65-1	n-Propylbenzene	ND	250
100-42-5	Styrene	ND	250
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	250
75-65-0	Tertiary-butyl alcohol (TBA)	ND	500
630-20-6	1,1,1,2-Tetrachloroethane	ND	250

69126350

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 6 (continued)

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/03/07 By: GP
Method: 8260B
QC Batch#: 53700
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-12

Matrix: Other
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: M34895.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	100
127-18-4	Tetrachloroethene (PCE)	ND	250
108-88-3	Toluene	ND	250
120-82-1	1,2,4-Trichlorobenzene	ND	250
71-55-6	1,1,1-Trichloroethane	ND	250
79-00-5	1,1,2-Trichloroethane	ND	250
79-01-6	Trichloroethene (TCE)	ND	250
95-63-6	1,2,4-Trimethylbenzene	ND	250
108-67-8	1,3,5-Trimethylbenzene	ND	250
75-01-4	Vinyl chloride	ND	100
95-47-6	o-Xylene	ND	250
	m,p-Xylenes	ND	250

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	100%	89%-113%
Bromofluorobenzene	97%	83%-107%
Toluene-d8	91%	88%-108%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G83	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	7	Sample Description:	841070426-13
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Aqueous
Date Analyzed:	-04/30/07	Percent Moisture:	N/A
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	1	ND	100	ug/L
C9-C12 Aliphatics**	1	ND	100	ug/L
C9-C10 Aromatics***	1	ND	100	ug/L

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	101	70%-130%
2,5-dibromotoluene #2	108	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Methyl tert-butyl ether (MTBE)	ND	1.0	ug/L
Naphthalene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
m,p-Xylenes	ND	5.0	ug/L
o-Xylene	ND	5.0	ug/L

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 7

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/03/07 By: GP
Method: 8260B
QC Batch#: 53700
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-13

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M34896.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	5.0
71-43-2	Benzene	ND	5.0
75-27-4	Bromodichloromethane	ND	5.0
75-25-2	Bromoform	ND	5.0
74-83-9	Bromomethane	ND	2.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	5.0
135-98-8	sec-Butylbenzene	ND	5.0
98-06-6	tert-Butylbenzene	ND	5.0
56-23-5	Carbon tetrachloride	ND	5.0
108-90-7	Chlorobenzene	ND	5.0
124-48-1	Chlorodibromomethane	ND	5.0
67-66-3	Chloroform	ND	5.0
108-20-3	Di-isopropyl ether (DIPE)	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.0
106-46-7	1,4-Dichlorobenzene	ND	5.0
75-34-3	1,1-Dichloroethane	ND	5.0
107-06-2	1,2-Dichloroethane	ND	5.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	5.0
156-60-5	trans-1,2-Dichloroethene	ND	5.0
78-87-5	1,2-Dichloropropane	ND	5.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
123-91-1	1,4-Dioxane	ND	20
	Ethyl tertiary-butyl ether (EtBE)	ND	5.0
100-41-4	Ethylbenzene	ND	5.0
87-68-3	Hexachlorobutadiene	ND	0.60
98-82-8	Isopropylbenzene	ND	5.0
99-87-6	4-Isopropyltoluene	ND	5.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	5.0
103-65-1	n-Propylbenzene	ND	5.0
100-42-5	Styrene	ND	5.0
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	10
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 7 (continued)

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: By:
Date Analyzed: 05/03/07 By: GP
Method: 8260B
QC Batch#: 53700
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-13

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M34896.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0
127-18-4	Tetrachloroethene (PCE)	ND	5.0
108-88-3	Toluene	ND	5.0
120-82-1	1,2,4-Trichlorobenzene	ND	5.0
71-55-6	1,1,1-Trichloroethane	ND	5.0
79-00-5	1,1,2-Trichloroethane	ND	5.0
79-01-6	Trichloroethene (TCE)	ND	5.0
95-63-6	1,2,4-Trimethylbenzene	ND	5.0
108-67-8	1,3,5-Trimethylbenzene	ND	5.0
75-01-4	Vinyl chloride	ND	2.0
95-47-6	o-Xylene	ND	5.0
	m,p-Xylenes	ND	5.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	98%	89%-113%
Bromofluorobenzene	94%	83%-107%
Toluene-d8	94%	88%-108%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G83	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	1	Sample Description:	841070426-06
Preservative	None		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Solid
Date Extracted:	05/04/07	Percent Moisture:	20.0
Date Analyzed:	-05/09/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	12000	ug/kg
C19-C36 Aliphatics	1	20000	12000	ug/kg
C11-C22 Aromatics*	1	14000	12000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	56	40%-140%
2-Bromonaphthalene	58	40%-140%
2-Fluorobiphenyl	63	40%-140%
o-Terphenyl	40	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	120	ug/kg
Acenaphthene	ND	120	ug/kg
Acenaphthylene	140	120	ug/kg
Anthracene	160	120	ug/kg
Benzo[a]anthracene	330	120	ug/kg
Benzo[a]pyrene	ND	120	ug/kg
Benzo[b]fluoranthene	120	120	ug/kg
Benzo[g,h,i]perylene	ND	120	ug/kg
Benzo[k]fluoranthene	140	120	ug/kg
Chrysene	ND	120	ug/kg
Dibenz[a,h]anthracene	ND	120	ug/kg
Fluoranthene	820	120	ug/kg
Fluorene	ND	120	ug/kg
Indeno[1,2,3-cd]pyrene	ND	120	ug/kg
Naphthalene	ND	120	ug/kg
Phenanthrene	230	120	ug/kg
Pyrene	450	120	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 1

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: 05/02/07 By: JD
Date Analyzed: 05/04/07 By: LM
Method: 8082
QC Batch#: 53721
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-06

Matrix: Solid
Percent Moisture: 20.0
Sample Weight/Volume: 30.15 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4050342.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	16
11104-28-2	Aroclor 1221	ND	16
11141-16-5	Aroclor 1232	ND	16
53469-21-9	Aroclor 1242	ND	16
12672-29-6	Aroclor 1248	ND	16
11097-69-1	Aroclor 1254	ND	16
11096-82-5	Aroclor 1260	ND	16

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	64%	30%-150%
Decachlorobiphenyl	85%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G83	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	2	Sample Description:	841070426-07
Preservative	None		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Solid
Date Extracted:	04/30/07	Percent Moisture:	20.2
Date Analyzed:	-05/01/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	12000	ug/kg
C19-C36 Aliphatics	1	ND	12000	ug/kg
C11-C22 Aromatics*	1	ND	12000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	57	40%-140%
2-Bromonaphthalene	94	40%-140%
2-Fluorobiphenyl	93	40%-140%
o-Terphenyl	56	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	120	ug/kg
Acenaphthene	ND	120	ug/kg
Acenaphthylene	ND	120	ug/kg
Anthracene	ND	120	ug/kg
Benzo[a]anthracene	ND	120	ug/kg
Benzo[a]pyrene	ND	120	ug/kg
Benzo[b]fluoranthene	ND	120	ug/kg
Benzo[g,h,i]perylene	ND	120	ug/kg
Benzo[k]fluoranthene	ND	120	ug/kg
Chrysene	ND	120	ug/kg
Dibenz[a,h]anthracene	ND	120	ug/kg
Fluoranthene	ND	120	ug/kg
Fluorene	ND	120	ug/kg
Indeno[1,2,3-cd]pyrene	ND	120	ug/kg
Naphthalene	ND	120	ug/kg
Phenanthrene	ND	120	ug/kg
Pyrene	ND	120	ug/kg

68720350

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 2

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: 05/02/07 By: JD
Date Analyzed: 05/04/07 By: LM
Method: 8082
QC Batch#: 53721
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-07

Matrix: Solid
Percent Moisture: 20.2
Sample Weight/Volume: 30.09 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4050343.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	17
11104-28-2	Aroclor 1221	ND	17
11141-16-5	Aroclor 1232	ND	17
53469-21-9	Aroclor 1242	ND	17
12672-29-6	Aroclor 1248	ND	17
11097-69-1	Aroclor 1254	ND	17
11096-82-5	Aroclor 1260	ND	17

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	65%	30%-150%
Decachlorobiphenyl	79%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G83	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	3	Sample Description:	841070426-08
Preservative	None		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Solid
Date Extracted:	04/30/07	Percent Moisture:	15.7
Date Analyzed:	-05/01/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	12000	ug/kg
C19-C36 Aliphatics	1	ND	12000	ug/kg
C11-C22 Aromatics*	1	ND	12000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	62	40%-140%
2-Bromonaphthalene	92	40%-140%
2-Fluorobiphenyl	92	40%-140%
o-Terphenyl	60	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	120	ug/kg
Acenaphthene	ND	120	ug/kg
Acenaphthylene	ND	120	ug/kg
Anthracene	ND	120	ug/kg
Benzo[a]anthracene	ND	120	ug/kg
Benzo[a]pyrene	ND	120	ug/kg
Benzo[b]fluoranthene	ND	120	ug/kg
Benzo[g,h,i]perylene	ND	120	ug/kg
Benzo[k]fluoranthene	ND	120	ug/kg
Chrysene	ND	120	ug/kg
Dibenz[a,h]anthracene	ND	120	ug/kg
Fluoranthene	ND	120	ug/kg
Fluorene	ND	120	ug/kg
Indeno[1,2,3-cd]pyrene	ND	120	ug/kg
Naphthalene	ND	120	ug/kg
Phenanthrene	ND	120	ug/kg
Pyrene	ND	120	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 3

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: 05/02/07 By: JD
Date Analyzed: 05/04/07 By: LM
Method: 8082
QC Batch#: 53721
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-08

Matrix: Solid
Percent Moisture: 15.7
Sample Weight/Volume: 30.11 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4050344.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	16
11104-28-2	Aroclor 1221	ND	16
11141-16-5	Aroclor 1232	ND	16
53469-21-9	Aroclor 1242	ND	16
12672-29-6	Aroclor 1248	ND	16
11097-69-1	Aroclor 1254	ND	16
11096-82-5	Aroclor 1260	ND	16

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	73%	30%-150%
Decachlorobiphenyl	86%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G83	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	4	Sample Description:	841070426-09
Preservative	None		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Solid
Date Extracted:	05/04/07	Percent Moisture:	16.4
Date Analyzed:	-05/07/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	12000	ug/kg
C19-C36 Aliphatics	1	ND	12000	ug/kg
C11-C22 Aromatics*	1	ND	12000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	43	40%-140%
2-Bromonaphthalene	93	40%-140%
2-Fluorobiphenyl	94	40%-140%
o-Terphenyl	42	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	120	ug/kg
Acenaphthene	ND	120	ug/kg
Acenaphthylene	ND	120	ug/kg
Anthracene	ND	120	ug/kg
Benzo[a]anthracene	ND	120	ug/kg
Benzo[a]pyrene	ND	120	ug/kg
Benzo[b]fluoranthene	ND	120	ug/kg
Benzo[g,h,i]perylene	ND	120	ug/kg
Benzo[k]fluoranthene	ND	120	ug/kg
Chrysene	ND	120	ug/kg
Dibenz[a,h]anthracene	ND	120	ug/kg
Fluoranthene	ND	120	ug/kg
Fluorene	ND	120	ug/kg
Indeno[1,2,3-cd]pyrene	ND	120	ug/kg
Naphthalene	ND	120	ug/kg
Phenanthrene	ND	120	ug/kg
Pyrene	ND	120	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 4

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: 05/02/07 By: JD
Date Analyzed: 05/04/07 By: LM
Method: 8082
QC Batch#: 53721
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-09

Matrix: Solid
Percent Moisture: 16.4
Sample Weight/Volume: 30.41 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4050345.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	16
11104-28-2	Aroclor 1221	ND	16
11141-16-5	Aroclor 1232	ND	16
53469-21-9	Aroclor 1242	ND	16
12672-29-6	Aroclor 1248	ND	16
11097-69-1	Aroclor 1254	ND	16
11096-82-5	Aroclor 1260	ND	16

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	66%	30%-150%
Decachlorobiphenyl	81%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G83	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	5	Sample Description:	841070426-10
Preservative	None		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Solid
Date Extracted:	04/30/07	Percent Moisture:	17.3
Date Analyzed:	-05/01/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	12000	ug/kg
C19-C36 Aliphatics	1	ND	12000	ug/kg
C11-C22 Aromatics*	1	ND	12000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	54	40%-140%
2-Bromonaphthalene	95	40%-140%
2-Fluorobiphenyl	94	40%-140%
o-Terphenyl	53	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	120	ug/kg
Acenaphthene	ND	120	ug/kg
Acenaphthylene	ND	120	ug/kg
Anthracene	ND	120	ug/kg
Benzo[a]anthracene	ND	120	ug/kg
Benzo[a]pyrene	ND	120	ug/kg
Benzo[b]fluoranthene	ND	120	ug/kg
Benzo[g,h,i]perylene	ND	120	ug/kg
Benzo[k]fluoranthene	ND	120	ug/kg
Chrysene	ND	120	ug/kg
Dibenz[a,h]anthracene	ND	120	ug/kg
Fluoranthene	ND	120	ug/kg
Fluorene	ND	120	ug/kg
Indeno[1,2,3-cd]pyrene	ND	120	ug/kg
Naphthalene	ND	120	ug/kg
Phenanthrene	ND	120	ug/kg
Pyrene	ND	120	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 5

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: 05/02/07 By: JD
Date Analyzed: 05/04/07 By: LM
Method: 8082
QC Batch#: 53721
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-10

Matrix: Solid
Percent Moisture: 17.3
Sample Weight/Volume: 30.18 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4050346.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	16
11104-28-2	Aroclor 1221	ND	16
11141-16-5	Aroclor 1232	ND	16
53469-21-9	Aroclor 1242	ND	16
12672-29-6	Aroclor 1248	ND	16
11097-69-1	Aroclor 1254	ND	16
11096-82-5	Aroclor 1260	ND	16

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	63%	30%-150%
Decachlorobiphenyl	81%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E704G83	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	7	Sample Description:	841070426-13
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	4/26/2007		
Date Received:	4/27/2007	Matrix:	Aqueous
Date Extracted:	04/27/07	Percent Moisture:	N/A
Date Analyzed:	-04/30/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	110	ug/L
C19-C36 Aliphatics	1	ND	110	ug/L
C11-C22 Aromatics*	1	ND	110	ug/L

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	85	40%-140%
2-Bromonaphthalene	93	40%-140%
2-Fluorobiphenyl	93	40%-140%
o-Terphenyl	79	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	1.1	ug/L
Acenaphthene	ND	1.1	ug/L
Acenaphthylene	ND	1.1	ug/L
Anthracene	ND	1.1	ug/L
Benzo[a]anthracene	ND	1.1	ug/L
Benzo[a]pyrene	ND	0.22	ug/L
Benzo[b]fluoranthene	ND	1.1	ug/L
Benzo[g,h,i]perylene	ND	0.56	ug/L
Benzo[k]fluoranthene	ND	1.1	ug/L
Chrysene	ND	1.1	ug/L
Dibenz[a,h]anthracene	ND	0.56	ug/L
Fluoranthene	ND	1.1	ug/L
Fluorene	ND	1.1	ug/L
Indeno[1,2,3-cd]pyrene	ND	0.56	ug/L
Naphthalene	ND	1.1	ug/L
Phenanthrene	ND	1.1	ug/L
Pyrene	ND	1.1	ug/L

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E704G83
PL Sample No: 7

Date Collected: 4/26/2007
Date Received: 4/27/2007
Date Extracted: 05/01/07 By: JD
Date Analyzed: 05/04/07 By: LM
Method: 8082
QC Batch#: 53721
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070426-13

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume: 1000 ml
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4050347.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	0.20
11104-28-2	Aroclor 1221	ND	0.20
11141-16-5	Aroclor 1232	ND	0.20
53469-21-9	Aroclor 1242	ND	0.20
12672-29-6	Aroclor 1248	ND	0.20
11097-69-1	Aroclor 1254	ND	0.20
11096-82-5	Aroclor 1260	ND	0.20

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	56%	30%-150%
Decachlorobiphenyl	72%	30%-150%

FUSS & O'NEILL
Disciplines to Deliver
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
- ☐ 56 Quarry Road, Trumbull, CT 06611
- ☐ 1419 Richland Street, Columbia, SC 29201
- ☐ 78 Interstate Drive, West Springfield, MA 01089
- ☐ 610 Lynndale Court, Suite E, Greenville, NC 27858
- ☐ 24 Madison Avenue Extension, Albany, NY 12203
- ☑ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
- ☐ Other _____

E704 G 83

CHAIN-OF-CUSTODY RECORD 12812

Turnaround
☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☑ Standard (____ days) *Surcharge Applies

PROJECT NAME: Nu-Style - Phase II
PROJECT LOCATION: Franklin, MA
PROJECT NUMBER: 20050458-B10
LABORATORY: Premier

REPORT TO: David Foss
INVOICE TO: David Foss
P.O. NO.: 841 20050458 B10
Sampler's Signature: [signature] Date: 4/26/07

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Bottom Sediment A=Air
X=Other Equipment Blank and Trip Blank - MeOH (D.I. Trip Blank on COC # 12813)

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	PP-13 Metals plus Boron	VOCs by 8260	VPH by MADEP Method	EPH by MADEP Method	PCBs by 8081	Cyanide by Method 9012	Soil VOA Vial, [V] methanol [ ] sodium bisulfate	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other: Soil VOA - nonpreserved	Other: Glass Amber (1000) ml [V] As is	Water VOA Vial, [ ] As is [V] HCl	Glass Amber (1000) ml [ ] As is	Plastic - As is, [ ] 250 ml [ ] 500 ml	Plastic - H_2SO_4 [ ] 250 ml [ ] 500 ml [V] 1000 ml	Plastic - HNO_3, 250 ml [ ] 500 ml	Plastic - NaOH, 250 ml [ ] Filtered	Bacteria Bottle	Comments
1	✓				841070426-06	SB	4/26/07	1015	✓	✓	✓	✓	✓	✓													
2	↓				↓ -07	↓	↓	1040	↓	↓	↓	↓	↓	↓	↓	1	2	↓	2								
3	↓				↓ -08	↓	↓	1130	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓								
4	↓				↓ -09	↓	↓	1135	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓								
5	↓				↓ -10	↓	↓	1210	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓								
6	↓				↓ -12	X	↓	1220		↓					↓												Trip Blank
7	✓				↓ -13	X	↓	1415	✓	✓	✓	✓	✓	✓						2	4	2		1	1		Equipment Blank

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	F+O Fridge	4/26/07	1400
2	F+O Fridge	[signature]	4/27/07	0900
3	[signature]	[signature]	4/27/07	0900
4	[signature]	[signature]	4-27-07	12:50

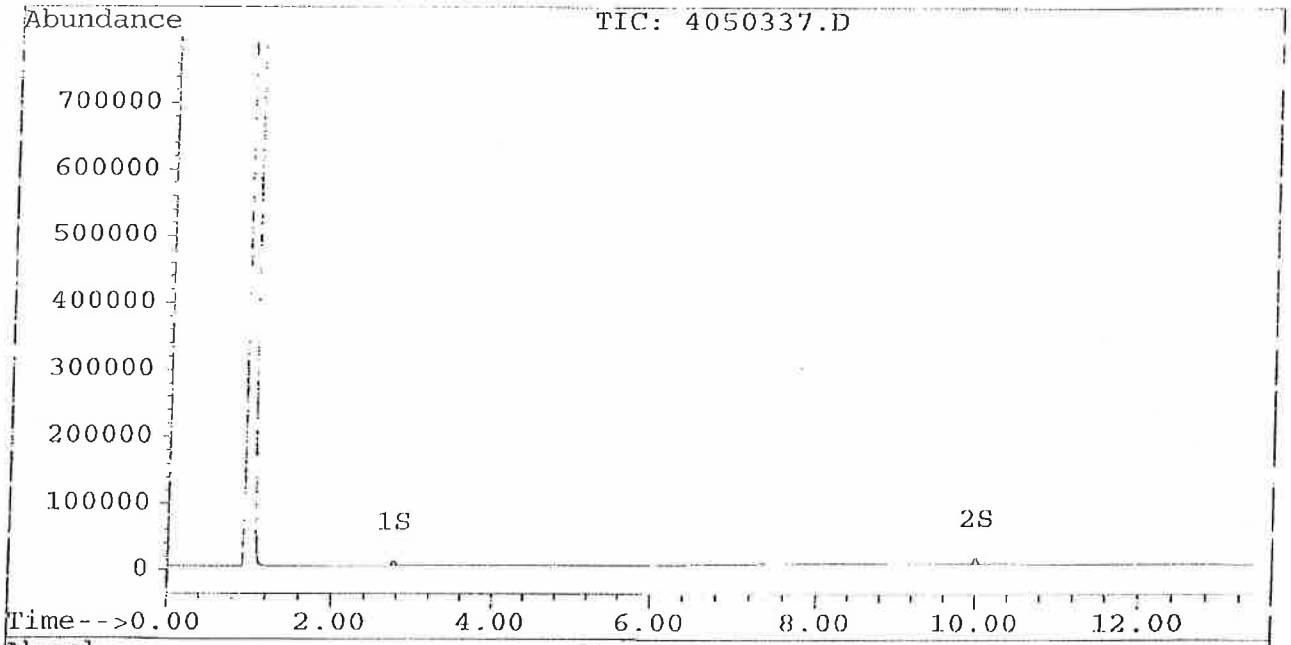
Reporting and Detection Limit Requirements:
MCP Data Enhancement Project - see attached tables for RLs

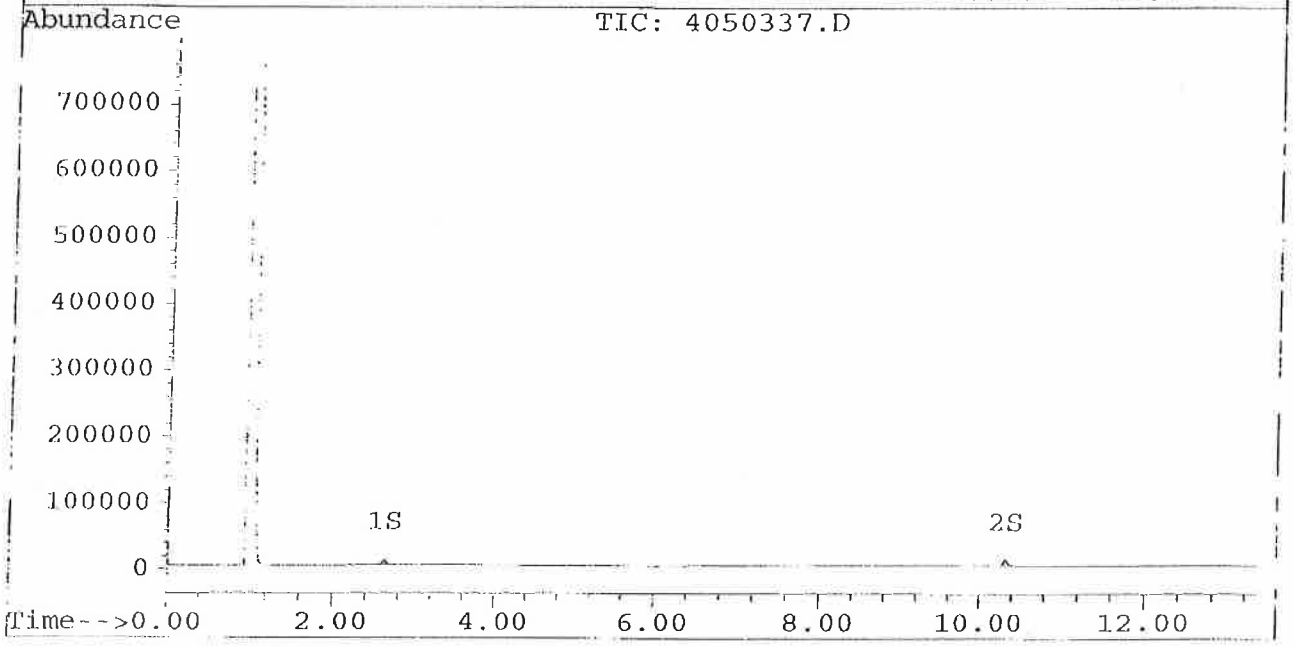
Additional Comments:
Complete attached QA/QC checklist 6.0

Signal #1 : C:\HPCHEM\5\DATA\070503G4.B\4050337.D Vial: 34
Signal #2 : C:\HPCHEM\5\DATA\070503G4.B\4050337.D\4050337.D
Acq On : 04 May 07 01:30 AM Operator: LM
Sample : P0502BS-1 Inst : GC4
Misc : PCB8082() Multiplr: 1.00
Quant Time: May 4 10:46 2007

Method : C:\HPCHEM\5\METHODS\8082.M
Title :
Last Update : Wed May 23 11:52:20 2007
Response via : Single Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\070503G4.B\4050337.D Vial: 34
Signal #2 : C:\HPCHEM\5\DATA\070503G4.B\4050337.D\4050337.D
Acq On : 04 May 07 01:30 AM Operator: LM
Sample : P0502BS-1 Inst : GC4
Misc : PCB8082() Multiplr: 1.00
Quant Time: May 4 10:46 2007

Method : C:\HPCHEM\5\METHODS\8082.M
Title :
Last Update : Wed May 23 11:52:20 2007
Response via : Single Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/ml	ug/ml
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	2.76	2.63	229446	228945	0.068m	0.072m
			Recovery	=	68.00%	72.00%
2) S Decachlorobiphenyl	9.99	10.32	333847	268302	0.080m	0.079m
			Recovery	=	80.00%	79.00%
Target Compounds						
3) L1M 1016 PK1	0.00	0.00	0	0	N.D.	N.D.
4) L1M 1016 PK2	0.00	0.00	0	0	N.D.	N.D.
5) L1M 1016 PK3	0.00	0.00	0	0	N.D.	N.D.
Total 1016 PK1			0	0	N.D.	N.D.
Average 1016 PK1					0.000	0.000
6) L2M 1260 PK1	0.00	0.00	0	0	N.D.	N.D.
7) L2M 1260 PK2	0.00	0.00	0	0	N.D.	N.D.
8) L2M 1260 PK3	0.00	0.00	0	0	N.D.	N.D.
Total 1260 PK1			0	0	N.D.	N.D.
Average 1260 PK1					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

FORM 2
SOIL 8082 SURROGATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC

Project No.: E704G83

Project: 20050458.B10/Nu-Style Phase II

Location: Franklin, MA

	LAB SAMPLE NO.	S1 %Rec #	S2 %Rec #	S3 %Rec #	S4 %Rec #	%Rec #	%Rec #	TOT OUT
01	E704G83-1C	85	61	80	64			0
02	E704G83-2C	79	64	79	65			0
03	E704G83-3C	86	69	83	73			0
04	E704G83-4C	81	64	80	66			0
05	E704G83-5C	79	62	81	63			0
06	LCS0502S-2	83	67	80	72			0
07	LCSD0502S-2	89	82	86	78			0
08	P0502BS-2	80	68	79	72			0
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								

QC LIMITS

S1	= Decachlorobiphenyl	(30-150)
S2	= Tetrachloro-m-xylene	(30-150)
S3	= Decachlorobiphenyl #2	(30-150)
S4	= Tetrachloro-m-xylene #2	(30-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 2
WATER 8082 SURROGATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC

Project No.: E704G83

Project: 20050458.B10/Nu-Style Phase II

Location: Franklin, MA

	LAB SAMPLE NO.	S1 %Rec #	S2 %Rec #	S3 %Rec #	S4 %Rec #	%Rec #	%Rec #	TOT OUT
01	E704G83-7D	72	54	67	56			0
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								

QC LIMITS

S1 =	Decachlorobiphenyl	(30-150)
S2 =	Tetrachloro-m-xylene	(30-150)
S3 =	Decachlorobiphenyl #2	(30-150)
S4 =	Tetrachloro-m-xylene #2	(30-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 3
SOIL 8082 LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 05/04/07

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0502S-2 Location: Franklin, MA

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	% REC #	QC LIMITS REC
Aroclor 1016	133.3	100.6	75	40-140
Aroclor 1260	133.3	103.4	78	40-140
Aroclor 1016 #2	133.3	100.6	75	40-140
Aroclor 1260 #2	133.3	102.9	77	40-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: 4050340.D

FORM 3
SOIL 8082 LAB CONTROL SAMPLE DUPLICATE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 05/04/07

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0502S-2 Location: Franklin, MA

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	% REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
Aroclor 1016	133.3	102.9	77	2.63	30	40-140
Aroclor 1260	133.3	107.3	80	2.53	30	40-140
Aroclor 1016 #2	133.3	98.45	74	1.34	30	40-140
Aroclor 1260 #2	133.3	106.9	80	3.82	30	40-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FILE: 4050341.D

FORM 4
8082 METHOD BLANK SUMMARY

| P0502BS-2 |

Project No.: E704G83

Project: 20050458.B10/Nu-Style Phase II

Lab File ID: 4050337.D

Lab Sample ID: P0502BS-2

Matrix: (soil/water) Soil

Date Analyzed: 05/04/07

Instrument ID: GC4

Date Extracted: 05/02/07

Time Analyzed: 0130

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E704G83-1C	841070426-06	4050342.D	05/04/07
02	E704G83-2C	841070426-07	4050343.D	05/04/07
03	E704G83-3C	841070426-08	4050344.D	05/04/07
04	E704G83-4C	841070426-09	4050345.D	05/04/07
05	E704G83-5C	841070426-10	4050346.D	05/04/07
06	LCS0502S-2	LCS0502S-2	4050340.D	05/04/07
07	LCSD0502S-2	LCSD0502S-2	4050341.D	05/04/07
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 6
8082 INITIAL CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Instrument ID: GC4 Calibration Date(s): 05/03/07 05/03/07
Calibration Time(s): 21:57 23:19

Data Files: RF3: 4050324.D RF1: 4050326.D RF0.1: 4050329.D
RF0.5: 4050327.D RF2: 4050325.D RF0.2: 4050328.D

CALIBRATION FACTORS					
COMPOUND	RF3	RF1	RF0.1	RF0.5	RF2
Tetrachloro-m-xylene	3431766	3606720	2701800	3041240	3563410
Aroclor 1016 PK1	295600	362464	322560	279760	325432
Aroclor 1016 PK2	857485	915680	784000	764000	897028
Aroclor 1016 PK3	238834	298112	267520	244688	277484
Aroclor 1260 PK1	464642	554208	518480	474368	512404
Aroclor 1260 PK2	333221	400056	302160	337568	362744
Aroclor 1260 PK3	183970	165144	251040	168832	198328
Decachlorobiphenyl	3645863	4574460	4428300	4127400	4180385
Tetrachloro-m-xylene #2	3196950	3645180	3062700	2877060	3399665
Aroclor 1016 PK1 #2	298021	375128	342240	343936	331076
Aroclor 1016 PK2 #2	680858	824488	693680	722112	744032
Aroclor 1016 PK3 #2	240962	262512	303680	244880	244212
Aroclor 1260 PK1 #2	386880	422984	432720	443744	390168
Aroclor 1260 PK2 #2	284592	328568	320880	298496	310120
Aroclor 1260 PK3 #2	131368	128776	258720	134496	136656
Decachlorobiphenyl #2	2929930	3599920	3708500	3350600	3191930

FORM 6
8082 INITIAL CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Instrument ID: GC4 Calibration Date(s): 05/03/07 05/03/07
Calibration Time(s): 21:57 23:19

Data Files: RF3: 4050324.D RF1: 4050326.D RF0.1: 4050329.D
RF0.5: 4050327.D RF2: 4050325.D RF0.2: 4050328.D

CALIBRATION FACTORS

COMPOUND	RF0.2
Tetrachloro-m-xylene	2786150
Aroclor 1016 PK1	336400
Aroclor 1016 PK2	887360
Aroclor 1016 PK3	300280
Aroclor 1260 PK1	532720
Aroclor 1260 PK2	353240
Aroclor 1260 PK3	179200
Decachlorobiphenyl	4025200
Tetrachloro-m-xylene #2	2925950
Aroclor 1016 PK1 #2	341760
Aroclor 1016 PK2 #2	748400
Aroclor 1016 PK3 #2	242640
Aroclor 1260 PK1 #2	489120
Aroclor 1260 PK2 #2	307800
Aroclor 1260 PK3 #2	220760
Decachlorobiphenyl #2	3689900

FORM 6
8082 INITIAL CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Instrument ID: GC4 Calibration Date(s): 05/03/07 05/03/07
Calibration Time(s): 21:57 23:19

Data Files: RF3: 4050324.D RF1: 4050326.D RF0.1: 4050329.D
RF0.5: 4050327.D RF2: 4050325.D RF0.2: 4050328.D

COMPOUND	CURVE	COEFFICIENTS A0	A1	A2	%RSD OR R^2
Tetrachloro-m-xylene	LINR	-8334.1511	3511311		0.9985497
Aroclor 1016 PK1	AVRG		320369		9.2
Aroclor 1016 PK2	AVRG		850925		7.4
Aroclor 1016 PK3	AVRG		271153		9.6
Aroclor 1260 PK1	AVRG		509470		6.7
Aroclor 1260 PK2	AVRG		348164		9.4
Aroclor 1260 PK3	LINR	-3149.7350	187936		0.9950112
Decachlorobiphenyl	AVRG		4163601		7.8
Tetrachloro-m-xylene #2	AVRG		3184584		9.3
Aroclor 1016 PK1 #2	AVRG		338693		7.3
Aroclor 1016 PK2 #2	AVRG		735595		7.0
Aroclor 1016 PK3 #2	AVRG		256481		9.5
Aroclor 1260 PK1 #2	AVRG		427602		8.8
Aroclor 1260 PK2 #2	AVRG		308409		5.1
Aroclor 1260 PK3 #2	LINR	10359.219	128133		0.9975575
Decachlorobiphenyl #2	AVRG		3411796		9.1

AVG DIFF: 8.4 AVG DIFF COL2: 8.0

FORM 7
8082 CONTINUING CALIBRATION DATA

Lab Name: PREMIER LABORATORY, LLC

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Instrument ID: GC4 Calibration Date: 05/04/07 06:08

Lab File ID: 4050354.D Init. Calib. Date(s): 05/03/07 05/03/07
Init. Calib. Time(s): 21:57 23:19

COMPOUND	$\overline{RF}$	RFCC	MIN RF	QUANT AMOUNT	CALLVL AMOUNT	CURVE TYPE	%D	MAX %D
Tetrachloro-m-xylene	3511311	3449130		0.1	0.1	LINR	0.6	
Aroclor 1016 PK1	320369	338672		1.0	1.0	AVRG	5.7	
Aroclor 1016 PK2	850925	838288		1.	1.0	AVRG	1.5	
Aroclor 1016 PK3	271153	275960		1.0	1.0	AVRG	1.8	
Aroclor 1260 PK1	509470	492408		1.	1.0	AVRG	3.3	
Aroclor 1260 PK2	348164	335576		1.	1.0	AVRG	3.6	
Aroclor 1260 PK3	187936	190296		1.0	1.0	LINR	2.9	
Decachlorobiphenyl	4163601	3982180		0.1	0.1	AVRG	4.4	
Tetrachloro-m-xylene #2	3184584	3254310		0.1	0.1	AVRG	2.2	
Aroclor 1016 PK1 #2	338693	336288		1.	1.0	AVRG	0.7	
Aroclor 1016 PK2 #2	735595	743784		1.0	1.0	AVRG	1.1	
Aroclor 1016 PK3 #2	256481	263424		1.0	1.0	AVRG	2.7	
Aroclor 1260 PK1 #2	427602	402520		0.9	1.0	AVRG	5.9	
Aroclor 1260 PK2 #2	308409	288320		0.9	1.0	AVRG	6.5	
Aroclor 1260 PK3 #2	128133	138312		1.	1.0	LINR	0.1	
Decachlorobiphenyl #2	3411796	3013470		0.09	0.1	AVRG	11.7	

AVG DIFF: 3.4 AVG DIFF COL2: 4.4

FORM 4
MADEP VPH METHOD BLANK SUMMARY

VBLK0430

Project No.: E704G83

Project: 20050458.B10/Nu-Style Phase II

Lab File ID: 2043006.D

Lab Sample ID: VBLK0430

Matrix: (soil/water) Water

Date Analyzed: 04/30/07

Instrument ID: GC2

Date Extracted:

Time Analyzed: 1406

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E704G83-1B	841070426-06	2043013.D	04/30/07
02	E704G83-2B	841070426-07	2043014.D	04/30/07
03	E704G83-3B	841070426-08	2043015.D	04/30/07
04	E704G83-4B	841070426-09	2043016.D	04/30/07
05	E704G83-5B	841070426-10	2043017.D	04/30/07
06	E704G83-7C	841070426-13	2043012.D	04/30/07
07	VLCS0430	VLCS0430	2043004.D	04/30/07
08	VLCSD0430	VLCSD0430	2043019.D	04/30/07
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

Spike Recovery and RPD Summary Report WATER

Method : C:\HPCHEM\5\METHODS\VPH60M.M
Title : MA VPH
Last Update : Wed Jun 27 06:30:22 2007
Response via : Initial Calibration

Non-Spiked Sample: 2043006.D

	Spike Sample	Spike Duplicate Sample
File ID :	2043004.D	2043019.D
Sample :	VLCS0430	VLCSD0430
Acq Time:	30 Apr 07 11:15 AM	30 Apr 07 08:51 PM

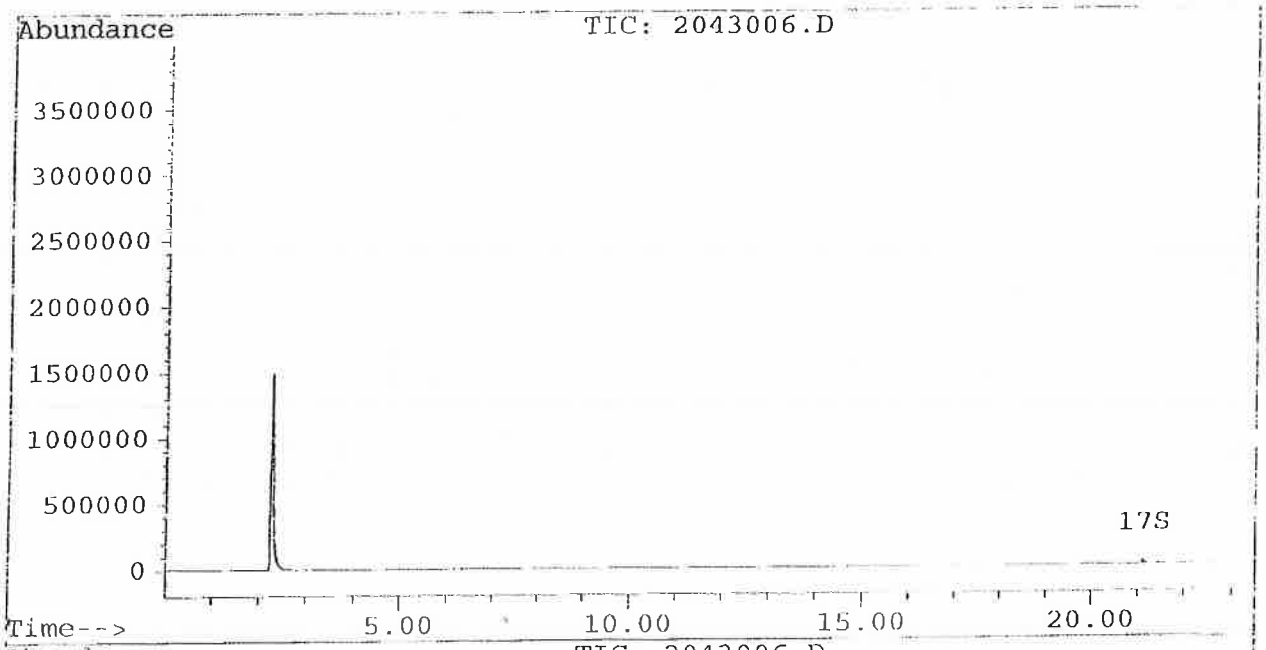
Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Methyl-tertbutyl eth	0.0	25	24	25	97	101	4	25	70-130
Benzene	0.0	25	25	26	100	103	3	25	70-130
Toluene	0.0	25	25	25	101	102	1	25	70-130
Ethylbenzene	0.0	25	25	25	98	102	4	25	70-130
m+p xylenes	0.0	50	54	54	107	107	0	25	70-130
o-xylene	0.0	25	26	26	102	102	0	25	70-130
Naphthalene	0.0	25	26	23	103	91	12	25	70-130
Methyl-tertbutyl eth	0.0	25	23	26	91	105	14	25	70-130
Benzene #2	0.0	25	23	26	91	103	12	25	70-130
Toluene #2	0.0	25	24	26	96	102	6	25	70-130
Ethylbenzene #2	0.0	25	25	27	101	107	6	25	70-130
m+p xylenes #2	0.0	50	55	57	111	114	2	25	70-130
o-xylene #2	0.0	25	26	26	103	106	2	25	70-130
Naphthalene #2	0.0	25	27	25	109	99	9	25	70-130

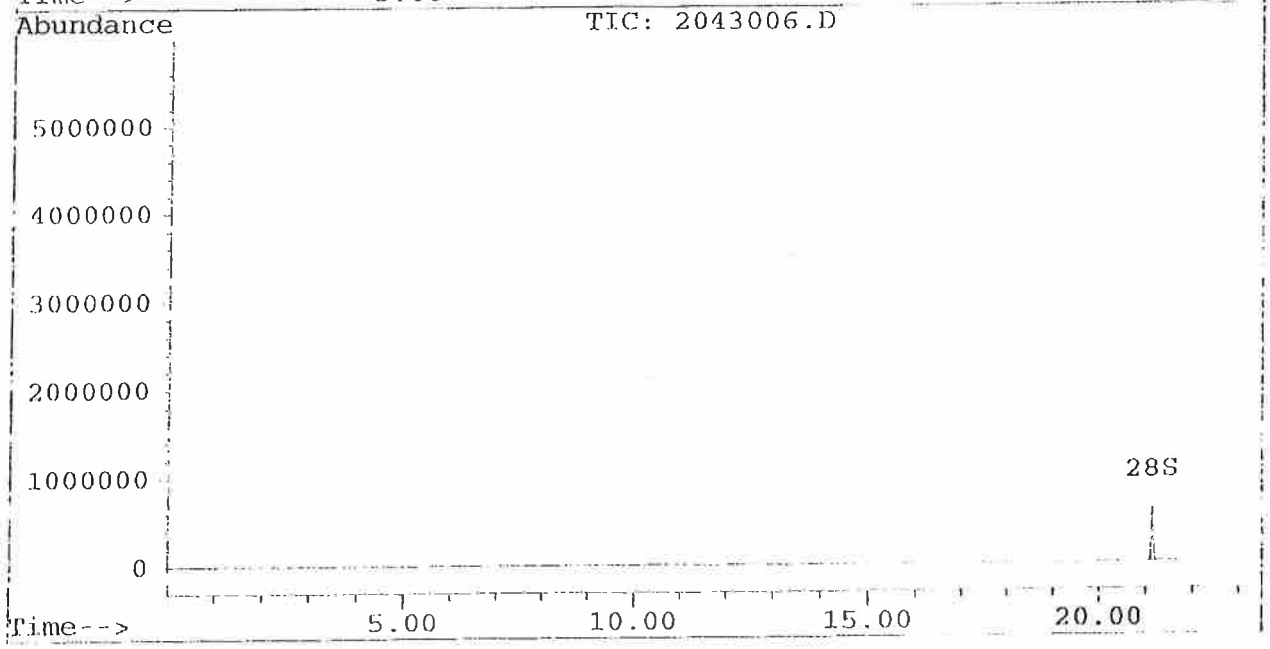
Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\070430C2.B\2043006.D Vial: 6
Signal #2 : C:\HPCHEM\5\DATA\070430C2.B\2043006.D\2043006.D
Acq On : 30 Apr 07 02:06 PM Operator: TW
Sample : VBLK0430 Inst : GC2
Misc : VPH() Multiplr: 1.00
Quant Time: Apr 30 14:34 2007

Method : C:\HPCHEM\5\METHODS\VPH60M.M
Title : MA VPH
Last Update : Wed Jun 27 06:30:22 2007
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report

Signal #1 : C:\HPCHEM\5\DATA\070430C2.B\2043006.D Vial: 6
Signal #2 : C:\HPCHEM\5\DATA\070430C2.B\2043006.D\2043006.D
Acq On : 30 Apr 07 02:06 PM Operator: TW
Sample : VBLK0430 Inst : GC2
Misc : VPH() Multiplr: 1.00
Quant Time: Apr 30 14:34 2007

Method : C:\HPCHEM\5\METHODS\VPH60M.M
Title : MA VPH
Last Update : Wed Jun 27 06:30:22 2007
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
17) S 2,5-dibromotoluene(S)	21.15	661801	56.930 ug/L
		Recovery =	113.86%
28) S 2,5-dibromotoluene(S) #2	21.14	16516811	58.671 ug/L
		Recovery =	117.34%

Target Compounds

(f)=RT Delta > 1/2 Window (m)=manual int.

Spike Recovery and RPD Summary Report - WATER

Method : C:\HPCHEM\1\METHODS\8260BMCP.M (RTE Integrator)
Title :
Last Update : Thu May 03 09:42:17 2007
Response via : Initial Calibration

Non-Spiked Sample: M34894.D

	Spike Sample	Spike Duplicate Sample
File ID :	M34891.D	M34892.D
Sample :	VLCS0503	VLCS0503 DUP
Acq Time:	3 May 2007 9:52 am	3 May 2007 10:23 am

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Chloromethane	0.1	50	52	55	104	110	6	25	70-130
Vinyl chloride	0.0	50	49	50	97	100	3	25	77-125
Bromomethane	0.4	50	55	57	109	113	4	25	75-130
Acetone	0.0	50	42	40	84	80	5	25	70-106
1,1-Dichloroethene	0.0	50	51	51	103	102	1	25	75-128
Carbon disulfide	0.0	50	55	55	110	110	0	25	70-130
Methylene chloride	0.0	50	47	48	94	97	3	25	85-112
Methyl-tertbutyl eth	0.0	50	46	47	92	94	2	25	73-125
trans-1,2-Dichloroet	0.0	50	50	50	99	101	1	25	91-112
Di-isopropyl ether (	0.0	50	47	48	95	97	2	25	70-130
1,1-Dichloroethane	0.0	50	49	49	98	99	1	25	79-119
Ethyl tertiary-butyl	0.0	50	48	49	96	98	2	25	70-130
2-Butanone	0.0	50	43	42	85	84	2	25	70-109
2,2-Dichloropropane	0.0	50	51	50	102	101	1	25	71-125
cis-1,2-Dichloroethe	0.0	50	52	52	104	105	1	25	91-109
Chloroform	0.0	50	47	48	95	96	2	25	81-109
Bromochloromethane	0.0	50	51	51	101	102	1	25	87-114
1,1,1-Trichloroethan	0.0	50	50	50	100	99	1	25	81-121
1,1-Dichloropropene	0.0	50	45	46	90	92	2	25	83-113
Carbon tetrachloride	0.0	50	50	50	100	101	1	25	74-120
Benzene	0.0	50	49	50	99	99	1	25	82-109
Tertiary-amyl methyl	0.0	50	48	49	96	98	2	25	70-130
1,2-Dichloroethane	0.3	50	45	46	89	91	3	25	79-103
Trichloroethene	0.0	50	48	48	96	97	1	25	81-111
1,2-Dichloropropane	0.0	50	49	50	97	99	2	25	80-112
Dibromomethane	0.0	50	48	49	96	98	2	25	85-111
Bromodichloromethane	0.0	50	52	53	104	105	1	25	87-116
1,4-Dioxane	0.0	50	46	50	93	100	8	25	70-117
4-Methyl-2-pentanone	0.0	50	50	50	100	100	0	25	77-110
cis-1,3-Dichloroprop	0.0	50	52	51	104	103	1	25	83-109
Toluene	0.0	50	51	52	101	103	2	25	80-113
trans-1,3-Dichloropr	0.0	50	45	45	90	90	0	25	77-101
1,1,2-Trichloroethan	0.0	50	51	51	103	103	0	25	82-112
1,2-Dibromoethane	0.0	50	48	48	95	95	0	25	80-110
1,3-Dichloropropane	0.0	50	53	53	107	106	1	25	84-113
Tetrachloroethene	0.0	50	52	52	104	105	1	25	88-113
Dibromochloromethane	0.0	50	49	49	98	99	0	25	85-113
Chlorobenzene	0.0	50	52	51	103	103	0	25	85-111
1,1,1,2-Tetrachloroe	0.0	50	51	51	102	102	0	25	81-117
Ethylbenzene	0.0	50	55	55	110	110	0	25	92-116
m+p-Xylenes	0.0	100	105	106	105	106	0	25	79-118
o-Xylene	0.0	50	50	50	101	100	1	25	86-106
Styrene	0.0	50	54	53	108	106	2	25	90-111
Bromoform	0.0	50	54	53	107	106	1	25	74-119
Isopropylbenzene	0.1	50	51	51	102	101	1	25	85-111
1,1,2,2-Tetrachloroe	0.0	50	49	47	98	95	4	25	70-119
n-Propylbenzene	0.1	50	55	54	111	107	4	25	87-115
Bromobenzene	0.0	50	52	50	104	100	3	25	78-111
4-Chlorotoluene	0.1	50	46	49	93	97	5	25	81-111
1,3,5-Trimethylbenze	0.5	50	46	46	91	90	1	25	88-106
tert-Butylbenzene	0.2	50	51	50	101	99	2	25	82-106
1,2,4-Trimethylbenze	0.0	50	45	46	91	92	5	25	91-112

sec-Butylbenzene	0.2	50	52	50	103	99	3	25	91-106
4-Isopropyltoluene	0.3	50	51	49	101	98	3	25	86-106
1,3-Dichlorobenzene	0.2	50	51	51	101	101	0	25	79-110
1,4-Dichlorobenzene	0.2	50	46	45	92	89	3	25	82-103
n-Butylbenzene	0.0	50	47	46	95	91	3	25	71-106
1,2-Dichlorobenzene	0.0	50	50	49	100	97	3	25	81-110
1,2,4-Trichlorobenze	0.0	50	48	47	96	95	1	25	70-101
Hexachlorobutadiene	0.7	50	49	48	97	94	2	25	70-112
Naphthalene	0.0	50	48	46	96	92	4	25	70-117
1,2,3-Trichlorobenze	0.0	50	47	46	95	92	3	25	70-111

- Fails Limit Check

8260BMCP.M Thu May 03 12:10:38 2007

Spike Recovery and RPD Summary Report WATER

Method : C:\HPCHEM\1\METHODS\8260SOIL.M
Title : EPA METHOD 8260B
Last Update : Fri May 04 10:14:11 2007
Response via : Initial Calibration

Non-Spiked Sample: J29966.D

Spike Sample	Spike Duplicate Sample
File ID : J29963.D	J29964.D
Sample : VLCS0503	VLCS0503 DUP
Acq Time: 4 May 07 9:33 am	4 May 07 9:59 am

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Chloromethane	0.5	50	49	54	97	106	9	25	70-130
Vinyl chloride	0.0	50	47	48	94	96	3	25	77-125
Bromomethane	0.0	50	55	52	125	118	5	25	75-130
Acetone	0.7	50	41	47	80	93	15	25	70-106
1,1-Dichloroethene	0.0	50	52	52	103	104	1	25	75-128
Carbon disulfide	0.1	50	56	56	111	112	0	25	70-130
Methylene chloride	0.0	50	52	53	104	106	2	25	85-112
Methyl-tertbutyl eth	0.3	50	47	48	94	95	1	25	73-125
trans-1,2-Dichloroet	0.0	50	51	51	102	102	1	25	91-112
Di-isopropyl ether (	0.1	50	48	49	96	98	2	25	70-130
1,1-Dichloroethane	0.1	50	50	49	100	99	1	25	79-119
Ethyl tertiary-butyl	0.0	50	48	49	97	98	1	25	70-130
2-Butanone	0.0	50	39	40	78	80	3	25	70-109
2,2-Dichloropropane	0.1	50	50	48	99	97	2	25	71-125
cis-1,2-Dichloroethe	0.0	50	51	51	102	103	0	25	91-109
Chloroform	0.0	50	49	49	98	97	1	25	81-109
Bromochloromethane	0.0	50	51	51	102	102	0	25	87-114
1,1,1-Trichloroethan	0.0	50	50	49	100	99	1	25	81-121
1,1-Dichloropropene	0.0	50	49	48	98	97	2	25	83-113
Carbon tetrachloride	0.0	50	51	49	101	98	3	25	74-120
Benzene	0.1	50	50	50	100	100	1	25	82-109
Tertiary-amyl methyl	0.0	50	49	50	99	100	1	25	70-130
1,2-Dichloroethane	0.3	50	50	50	99	99	1	25	79-103
Trichloroethene	0.1	50	49	48	97	97	0	25	81-111
1,2-Dichloropropane	0.1	50	51	51	101	102	1	25	80-112
Bromodichloromethane	0.0	50	52	52	105	104	1	25	87-116
Dibromomethane	0.0	50	50	51	100	101	1	25	85-111
1,4-Dioxane	0.0	50	46	47	93	95	3	25	70-117
4-Methyl-2-pentanone	0.0	50	50	50	100	100	0	25	78-110
cis-1,3-Dichloroprop	0.0	50	54	52	108	104	4	25	83-109
Toluene	0.0	50	54	54	109	108	0	25	80-113
trans-1,3-Dichloropr	0.0	50	49	48	98	95	3	25	77-101
1,1,2-Trichloroethan	0.1	50	51	51	103	101	1	25	82-112
1,2-Dibromoethane	0.0	50	49	49	98	98	0	25	80-110
1,3-Dichloropropane	0.0	50	53	52	105	104	1	25	79-114
Tetrachloroethene	0.0	50	53	51	105	101	4	25	88-113
Dibromochloromethane	0.0	50	51	50	102	101	1	25	85-113
Chlorobenzene	0.1	50	52	51	103	103	1	25	85-111
1,1,1,2-Tetrachloroe	0.0	50	49	49	98	97	0	25	81-117
Ethylbenzene	0.1	50	54	54	108	109	0	25	92-116
m+p-Xylenes	0.3	100	114	115	114	115	1	25	79-118
o-Xylene	0.1	50	50	50	99	100	1	25	86-106
Styrene	0.1	50	50	51	99	103	4	25	90-111

Bromoform	0.1	50	45	48	89	96	7	25	76-119
Isopropylbenzene	0.2	50	53	52	105	103	2	25	85-111
1,1,2,2-Tetrachloroe	0.1	50	49	51	97	101	5	25	70-119
n-Propylbenzene	0.2	50	53	54	105	108	2	25	87-115
Bromobenzene	0.2	50	49	50	97	100	3	25	78-111
4-Chlorotoluene	0.0	50	51	52	102	104	2	25	81-111
1,3,5-Trimethylbenze	0.0	50	53	53	106	106	4	25	88-106
tert-Butylbenzene	0.0	50	52	51	104	102	1	25	82-106
1,2,4-Trimethylbenze	0.1	50	54	54	108	108	0	25	91-112
sec-Butylbenzene	0.2	50	51	50	102	100	1	25	91-106
4-Isopropyltoluene	0.1	50	53	53	105	106	4	25	86-106
1,3-Dichlorobenzene	0.2	50	50	52	101	104	3	25	79-110
1,4-Dichlorobenzene	0.2	50	49	50	98	100	3	25	82-103
n-Butylbenzene	0.2	50	52	51	103	102	5	25	71-106
1,2-Dichlorobenzene	0.2	50	51	53	102	105	2	25	81-110
1,2,4-Trichlorobenze	0.0	50	41	45	80	90	12	25	70-101
Hexachlorobutadiene	0.0	50	46	47	92	94	3	25	70-112
Naphthalene	0.0	50	41	46	80	92	15	25	70-117
1,2,3-Trichlorobenze	0.0	50	37	43	74	86	22	25	70-111

8260SOIL.M Fri May 04 13:57:56 2007 MS8

FORM 4
METHOD BLANK SUMMARY

VBLK0503

Project No.:

Project: 53699

Lab File ID: J29966.D

Lab Sample ID: VBLK0503

Matrix: (soil/water) Water

Date Analyzed: 05/04/2007

Instrument ID: MS8

Date Extracted:

Time Analyzed: 10:51

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	VLCS0503	VLCS0503	J29963.D	05/04/07
02	E704G83-1A	841070426-06	J29969.D	05/04/07
03	E704G83-2A	841070426-07	J29970.D	05/04/07
04	E704G83-3A	841070426-08	J29971.D	05/04/07
05	E704G83-4A	841070426-09	J29972.D	05/04/07
06	E704G83-5A	841070426-10	J29974.D	05/04/07
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 4

8260B METHOD BLANK SUMMARY

| VBLK0503 |

Project No.: E704G83

Project: 20050458.B10/Nu-Style Phase II

Lab File ID: M34894.D

Lab Sample ID: VBLK0503

Matrix: (soil/water) Water

Date Analyzed: 05/03/07

Instrument ID: MS11

Date Extracted:

Time Analyzed: 1126

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E704G83-6	841070426-12	M34895.D	05/03/07
02	E704G83-7C	841070426-13	M34896.D	05/03/07
03	VLCS0503	VLCS0503	M34891.D	05/03/07
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

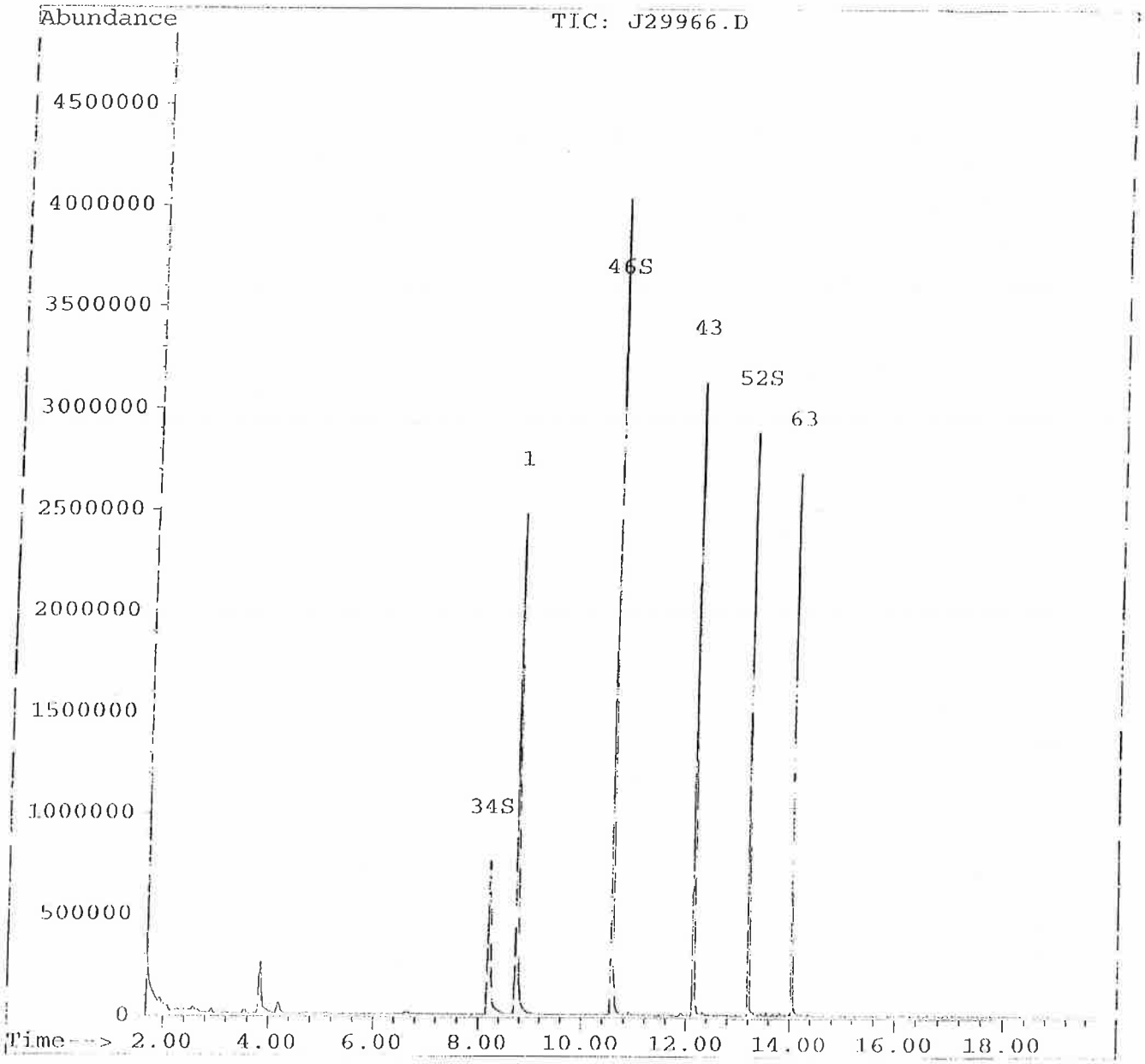
COMMENTS:

Quantitation Report

Data File : C:\HPCHEM\1\DATA\070503L.B\J29966.D
Acq On : 4 May 07 10:51 am
Sample : VBLK0503
Misc : 8260B()
Quant Time: May 4 13:57 2007

Vial: 7
Operator: TW
Inst : MS8
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260SOIL.M
Title : EPA METHOD 8260B
Last Update : Fri Jun 29 10:11:37 2007
Response via : Single Level Calibration



Quantitation Report

Data File : C:\HPCHEM\1\DATA\070503.B\J29966.D Vial: 7
Acq On : 4 May 07 10:51 am Operator: TW
Sample : VBLK0503 Inst : MS8
Misc : 8260B() Multiplr: 1.00
Quant Time: May 4 13:57 2007

Method : C:\HPCHEM\1\METHODS\8260SOIL.M
Title : EPA METHOD 8260B
Last Update : Fri Jun 29 10:11:37 2007
Response via : Single Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	8.74	96	2928599	50.00 ppb	-0.02
43) Chlorobenzene-d5	12.13	117	1418218	50.00 ppb	0.00
63) 1,4-Dichlorobenzene-d4	14.04	152	477140	50.00 ppb	0.00

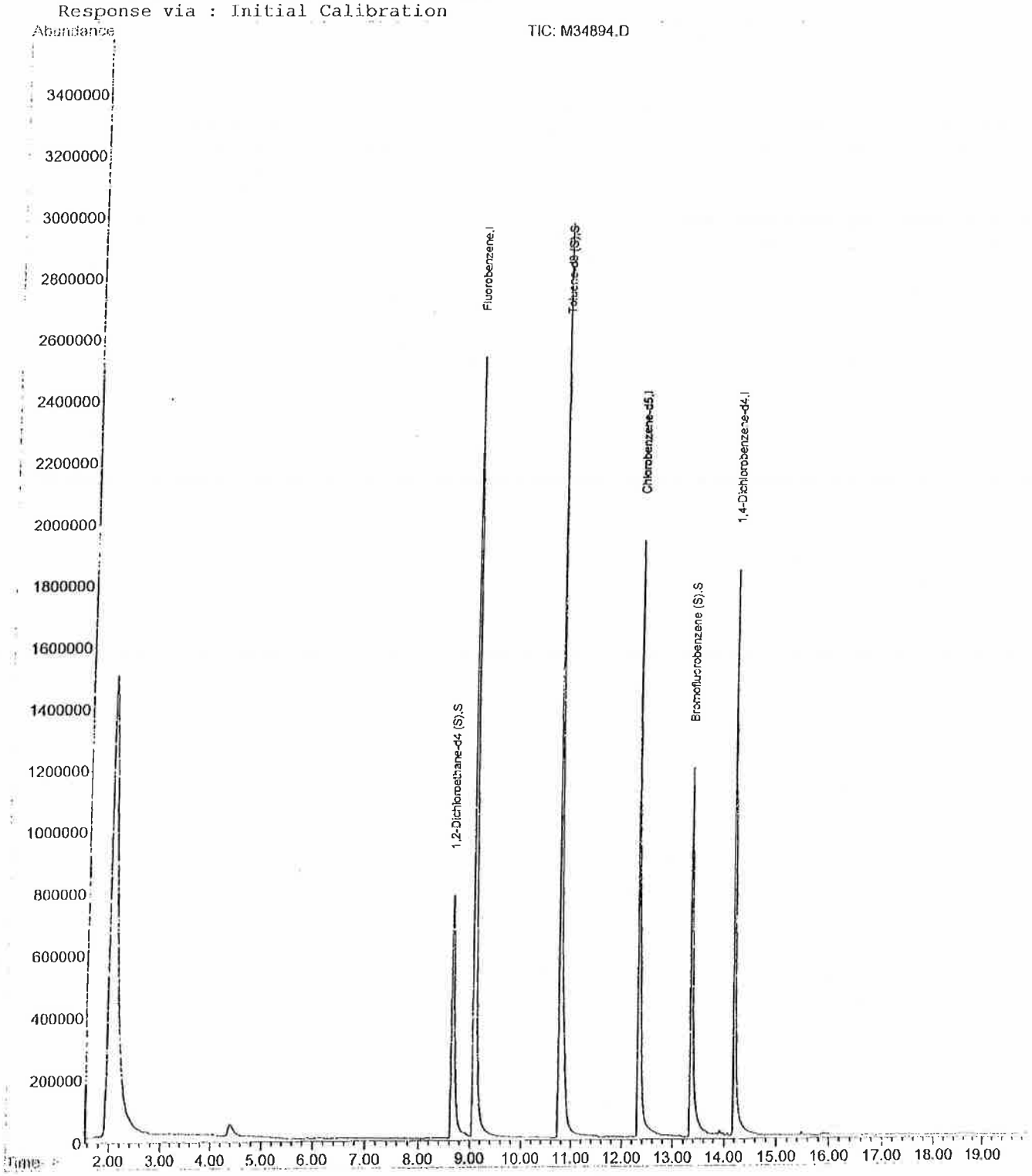
System Monitoring Compounds					%Recovery
34) 1,2-Dichloroethane-d4 (S)	8.20	65	819791	50.00 ppb	100.01%
46) Toluene-d8 (S)	10.57	98	2107453	50.10 ppb	100.20%
52) Bromofluorobenzene (S)	13.18	176	594303	47.20 ppb	94.40%

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Data File : Z:\MS\MS11\070503M.B\M34894.D Vial: 7
Acq On : 3 May 2007 11:26 am Operator: GP
Sample : VBLK0503 Inst : MS11
Misc : 8260B() Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: May 3 12:10 2007 Quant Results File: 8260BMCP.RES

Method : C:\HPCHEM\1\METHODS\8260BMCP.M (RTE Integrator)
Title :
Last Update : Fri Jun 29 06:33:42 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : Z:\MS\MS11\070503M.B\M34894.D
Acq On : 3 May 2007 11:26 am
Sample : VBLK0503
Misc : 8260B()
MS Integration Params: rteint.p
Quant Time: May 3 12:10 2007

Vial: 7
Operator: GP
Inst : MS11
Multiplr: 1.00

Quant Results File: 8260BMCP.RES

Quant Method : C:\HPCHEM\1\METHODS\8260BMCP.M (RTE Integrator)
Title :
Last Update : Thu May 03 09:42:17 2007
Response via : Initial Calibration
DataAcq Meth : 8260BMCP

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	9.07	96	4363608	50.00 ppb	0.00
43) Chlorobenzene-d5	12.30	117	1860935	50.00 ppb	0.00
63) 1,4-Dichlorobenzene-d4	14.20	152	694413	50.00 ppb	0.01
System Monitoring Compounds					
34) 1,2-Dichloroethane-d4 (S)	8.65	65	1106521	47.06 ppb	0.00
Spiked Amount 50.000			Recovery	= 94.12%	
46) Toluene-d8 (S)	10.75	98	3201141	49.32 ppb	0.00
Spiked Amount 50.000			Recovery	= 98.64%	
52) Bromofluorobenzene (S)	13.35	176	706874	47.47 ppb	0.01
Spiked Amount 50.000			Recovery	= 94.94%	

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
M34894.D 8260BMCP.M Fri Jun 29 17:12:03 2007

FORM 2
SOIL MADEP EPH SURROGATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC

Project No.: E704G83

Project: 20050458.B10/Nu-Style Phase II

Location: Franklin, MA

	LAB SAMPLE NO.	S1 %Rec #	S2 %Rec #	S3 %Rec #	%Rec #	%Rec #	%Rec #	TOT OUT
01	E704G83-2C	94	93	56				0
02	E704G83-3C	92	92	60				0
03	E704G83-5C	95	94	53				0
04	LCS0430S-1	95	95	75				0
05	LCSD0430S-1	94	94	76				0
06	T0430BS-1	91	91	74				0
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								

QC LIMITS

S1 = 2-Bromonaphthalene (40-140)
S2 = 2-Fluorobiphenyl (40-140)
S3 = o-Terphenyl (40-140)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 2
SOIL MADEP EPH SURROGATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC

Project No.: E704G83

Project: 20050458.B10/Nu-Style Phase II

Location: Franklin, MA

	LAB SAMPLE NO.	S1 %Rec	#	S2 %Rec	#	S3 %Rec	#	%Rec	#	%Rec	#	%Rec	#	TOT OUT
01	E704G83-4C	93		94		42								0
02														
03														
04														
05														
06														
07														
08														
09														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														

QC LIMITS

S1 =	2-Bromonaphthalene	(40-140)
S2 =	2-Fluorobiphenyl	(40-140)
S3 =	o-Terphenyl	(40-140)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 2
SOIL MADEP EPH SURROGATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Location: Franklin, MA

	LAB SAMPLE NO.	S1 %Rec #	S2 %Rec #	S3 %Rec #	%Rec #	%Rec #	%Rec #	TOT OUT
01	E704G83-1C	58	63	40				0
02	E0508S-1	43	58	47				0
03	LCS0508S-1	56	64	55				0
04	LCSD0508S-1	41	64	53				0
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								

QC LIMITS

S1	= 2-Bromonaphthalene	(40-140)
S2	= 2-Fluorobiphenyl	(40-140)
S3	= o-Terphenyl	(40-140)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 2
WATER MADEP EPH SURROGATE RECOVERY

Lab Name: PREMIER LABORATORY, LLC

Project No.: E704G83

Project: 20050458.B10/Nu-Style Phase II

Location: Franklin, MA

	LAB SAMPLE NO.	S1 %Rec #	S2 %Rec #	S3 %Rec #	%Rec #	%Rec #	%Rec #	TOT OUT
01	E704G83-7B	93	93	79				0
02	E0427BA-1	91	90	72				0
03	LCS0427A-1	82	82	66				0
04	LCSD0427A-1	85	86	63				0
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								

QC LIMITS

S1 =	2-Bromonaphthalene	(40-140)
S2 =	2-Fluorobiphenyl	(40-140)
S3 =	o-Terphenyl	(40-140)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

FORM 3
WATER MADEP EPH LAB CONTROL SAMPLE DUPLICATE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 04/30/07

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0427A-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
2-Methylnaphthalene	40.00	25.21	63	3.12	25	40-140
Acenaphthene	40.00	27.51	69	4.26	25	40-140
Acenaphthylene	40.00	27.34	68	4.32	25	40-140
Anthracene	40.00	30.23	76	5.13	25	40-140
Benzo[a]anthracene	40.00	35.36	88	8.70	25	40-140
Benzo[a]pyrene	40.00	36.23	90	9.52	25	40-140
Benzo[b]fluoranthene	40.00	37.85	95	9.04	25	40-140
Benzo[g,h,i]perylene	40.00	33.65	84	9.09	25	40-140
Benzo[k]fluoranthene	40.00	30.56	76	7.59	25	40-140
Chrysene	40.00	36.86	92	9.33	25	40-140
Decane	40.00	17.64	44	4.44	25	40-140
Dibenz[a,h]anthracene	40.00	33.01	82	10.4	25	40-140
Docosane	40.00	35.64	89	8.60	25	40-140
Dodecane	40.00	23.00	57	5.13	25	40-140
Eicosane	40.00	33.78	84	8.00	25	40-140
Fluoranthene	40.00	33.28	83	9.20	25	40-140
Fluorene	40.00	28.31	71	2.78	25	40-140
Hexacosane	40.00	36.78	92	8.33	25	40-140
Hexadecane	40.00	28.98	72	5.40	25	40-140
Hexatriacontane	40.00	35.74	89	8.60	25	40-140
Indeno[1,2,3-cd]pyrene	40.00	33.18	83	8.09	25	40-140
Naphthalene	40.00	23.46	59	3.33	25	40-140
Nonadecane	40.00	32.60	82	5.92	25	40-140
Nonane	40.00	16.45	41	4.76	25	30-140
Octacosane	40.00	34.24	86	5.65	25	40-140
Octadecane	40.00	31.23	78	6.21	25	40-140
Phenanthrene	40.00	30.46	76	6.37	25	40-140
Pyrene	40.00	32.97	82	9.30	25	40-140

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

COMMENTS:

FILE: A22128.D

FORM 3

WATER MADEP EPH LAB CONTROL SAMPLE DUPLICATE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 04/30/07

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0427A-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
Tetracosane	40.00	36.49	91	9.42	25	40-140
Tetradecane	40.00	26.72	67	2.94	25	40-140
Triacontane	40.00	37.17	93	8.25	25	40-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: A22128.D

FORM 3
WATER MADEP EPH LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 04/30/07

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0427A-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	QC LIMITS REC
2-Methylnaphthalene	40.00	26.09	65	40-140
Acenaphthene	40.00	28.63	72	40-140
Acenaphthylene	40.00	28.36	71	40-140
Anthracene	40.00	31.92	80	40-140
Benzo[a]anthracene	40.00	38.63	96	40-140
Benzo[a]pyrene	40.00	39.68	99	40-140
Benzo[b]fluoranthene	40.00	41.80	104	40-140
Benzo[g,h,i]perylene	40.00	36.74	92	40-140
Benzo[k]fluoranthene	40.00	32.62	82	40-140
Chrysene	40.00	40.24	101	40-140
Decane	40.00	18.44	46	40-140
Dibenz[a,h]anthracene	40.00	36.36	91	40-140
Docosane	40.00	38.75	97	40-140
Dodecane	40.00	23.88	60	40-140
Eicosane	40.00	36.25	91	40-140
Fluoranthene	40.00	36.26	91	40-140
Fluorene	40.00	29.38	73	40-140
Hexacosane	40.00	39.88	100	40-140
Hexadecane	40.00	30.25	76	40-140
Hexatriacontane	40.00	38.98	97	40-140
Indeno[1,2,3-cd]pyrene	40.00	36.22	90	40-140
Naphthalene	40.00	24.30	61	40-140
Nonadecane	40.00	34.67	87	40-140
Nonane	40.00	17.06	43	30-140
Octacosane	40.00	36.54	91	40-140
Octadecane	40.00	33.28	83	40-140
Phenanthrene	40.00	32.46	81	40-140
Pyrene	40.00	36.05	90	40-140

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: A22127.D

FORM 3
WATER MADEP EPH LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 04/30/07

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0427A-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	QC LIMITS REC
Tetracosane	40.00	40.06	100	40-140
Tetradecane	40.00	27.49	69	40-140
Triacontane	40.00	40.24	101	40-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: A22127.D

FORM 3

WATER MADEP EPH LAB CONTROL SAMPLE DUPLICATE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 05/01/07

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0430A-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
2-Methylnaphthalene	40.00	19.89	50	2.02	25	40-140
Acenaphthene	40.00	20.22	50	0	25	40-140
Acenaphthylene	40.00	20.26	51	1.98	25	40-140
Anthracene	40.00	21.57	54	7.69	25	40-140
Benzo[a]anthracene	40.00	22.21	56	5.50	25	40-140
Benzo[a]pyrene	40.00	22.47	56	5.50	25	40-140
Benzo[b]fluoranthene	40.00	23.20	58	3.51	25	40-140
Benzo[g,h,i]perylene	40.00	21.31	53	9.90	25	40-140
Benzo[k]fluoranthene	40.00	20.32	51	1.98	25	40-140
Chrysene	40.00	23.37	58	1.74	25	40-140
Decane	40.00	18.36	46	4.44	25	40-140
Dibenz[a,h]anthracene	40.00	18.26	46	4.26	25	40-140
Docosane	40.00	22.94	57	3.57	25	40-140
Dodecane	40.00	19.73	49	2.06	25	40-140
Eicosane	40.00	22.35	56	1.80	25	40-140
Fluoranthene	40.00	22.23	56	3.64	25	40-140
Fluorene	40.00	20.48	51	0	25	40-140
Hexacosane	40.00	23.33	58	3.51	25	40-140
Hexadecane	40.00	20.95	52	1.94	25	40-140
Hexatriacontane	40.00	22.77	57	5.40	25	40-140
Indeno[1,2,3-cd]pyrene	40.00	20.73	52	12.2	25	40-140
Naphthalene	40.00	19.41	48	2.10	25	40-140
Nonadecane	40.00	22.03	55	1.83	25	40-140
Nonane	40.00	16.91	42	2.35	25	30-140
Octacosane	40.00	22.76	57	1.77	25	40-140
Octadecane	40.00	21.38	53	0	25	40-140
Phenanthrene	40.00	24.48	61	4.80	25	40-140
Pyrene	40.00	22.01	55	1.83	25	40-140

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: A22159.D

FORM 3
WATER MADEP EPH LAB CONTROL SAMPLE DUPLICATE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 05/01/07

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0430A-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
Tetracosane	40.00	23.30	58	3.51	25	40-140
Tetradecane	40.00	20.17	50	2.02	25	40-140
Triacontane	40.00	23.41	58	3.51	25	40-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: A22159.D

FORM 3
WATER MADEP EPH LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 05/01/07

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0430A-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	QC LIMITS REC
2-Methylnaphthalene	40.00	19.48	49	40-140
Acenaphthene	40.00	19.81	50	40-140
Acenaphthylene	40.00	20.08	50	40-140
Anthracene	40.00	19.95	50	40-140
Benzo[a]anthracene	40.00	21.22	53	40-140
Benzo[a]pyrene	40.00	21.16	53	40-140
Benzo[b]fluoranthene	40.00	22.26	56	40-140
Benzo[g,h,i]perylene	40.00	19.32	48	40-140
Benzo[k]fluoranthene	40.00	19.91	50	40-140
Chrysene	40.00	22.72	57	40-140
Decane	40.00	17.71	44	40-140
Dibenz[a,h]anthracene	40.00	19.33	48	40-140
Docosane	40.00	21.97	55	40-140
Dodecane	40.00	19.25	48	40-140
Eicosane	40.00	21.84	55	40-140
Fluoranthene	40.00	21.58	54	40-140
Fluorene	40.00	20.32	51	40-140
Hexacosane	40.00	22.33	56	40-140
Hexadecane	40.00	20.34	51	40-140
Hexatriacontane	40.00	21.75	54	40-140
Indeno[1,2,3-cd]pyrene	40.00	18.46	46	40-140
Naphthalene	40.00	18.92	47	40-140
Nonadecane	40.00	21.58	54	40-140
Nonane	40.00	17.19	43	30-140
Octacosane	40.00	22.30	56	40-140
Octadecane	40.00	21.27	53	40-140
Phenanthrene	40.00	25.77	64	40-140
Pyrene	40.00	21.42	54	40-140

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

COMMENTS:

FILE: A22158.D

FORM 3
WATER MADEP EPH LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 05/01/07

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0430A-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	QC LIMITS REC
Tetracosane	40.00	22.28	56	40-140
Tetradecane	40.00	19.64	49	40-140
Triacontane	40.00	22.49	56	40-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: A22158.D

FORM 3
SOIL MADEP EPH LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 04/30/07

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0430S-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	QC LIMITS REC
2-Methylnaphthalene	4000	2896	72	40-140
Acenaphthene	4000	2932	73	40-140
Acenaphthylene	4000	2943	74	40-140
Anthracene	4000	2830	71	40-140
Benzo[a]anthracene	4000	3507	88	40-140
Benzo[a]pyrene	4000	3562	89	40-140
Benzo[b]fluoranthene	4000	3734	93	40-140
Benzo[g,h,i]perylene	4000	3197	80	40-140
Benzo[k]fluoranthene	4000	3049	76	40-140
Chrysene	4000	3618	90	40-140
Decane	4000	2661	66	40-140
Dibenz[a,h]anthracene	4000	3326	83	40-140
Docosane	4000	3525	88	40-140
Dodecane	4000	2838	71	40-140
Eicosane	4000	3311	83	40-140
Fluoranthene	4000	3347	84	40-140
Fluorene	4000	2930	73	40-140
Hexacosane	4000	3642	91	40-140
Hexadecane	4000	2941	74	40-140
Hexatriacontane	4000	3514	88	40-140
Indeno[1,2,3-cd]pyrene	4000	3197	80	40-140
Naphthalene	4000	2815	70	40-140
Nonadecane	4000	3197	80	40-140
Nonane	4000	2376	59	30-140
Octacosane	4000	3416	85	40-140
Octadecane	4000	3402	85	40-140
Phenanthrene	4000	3440	86	40-140
Pyrene	4000	3323	83	40-140

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: A22123.D

FORM 3

SOIL MADEP EPH LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 04/30/07

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0430S-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	QC LIMITS REC
Tetracosane	4000	3642	91	40-140
Tetradecane	4000	2843	71	40-140
Triacontane	4000	3642	91	40-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: A22123.D

FORM 3
SOIL MADEP EPH LAB CONTROL SAMPLE DUPLICATE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 05/09/07

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0508S-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
2-Methylnaphthalene	4000	1759	44	22.2	25	40-140
Acenaphthene	4000	2000	50	13.1	25	40-140
Acenaphthylene	4000	2000	50	11.3	25	40-140
Anthracene	4000	2351	59	8.13	25	40-140
Benzo[a]anthracene	4000	2460	62	6.25	25	40-140
Benzo[a]pyrene	4000	2545	64	7.52	25	40-140
Benzo[b]fluoranthene	4000	2454	61	9.38	25	40-140
Benzo[g,h,i]perylene	4000	2480	62	7.75	25	40-140
Benzo[k]fluoranthene	4000	2549	64	7.52	25	40-140
Chrysene	4000	2480	62	7.75	25	40-140
Dibenz[a,h]anthracene	4000	2695	67	9.93	25	40-140
Fluoranthene	4000	2615	65	11.6	25	40-140
Fluorene	4000	2190	55	7.02	25	40-140
Indeno[1,2,3-cd]pyrene	4000	2347	59	8.13	25	40-140
Naphthalene	4000	1658	41	23.6	25	40-140
Phenanthrene	4000	2279	57	3.45	25	40-140
Pyrene	4000	2443	61	6.35	25	40-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FILE: A22328.D

FORM 3
SOIL MADEP EPH LAB CONTROL SAMPLE

Lab Name: PREMIER LABORATORY, LLC Date Analyzed: 05/09/07

Project No.: E704G83 Project: 20050458.B10/Nu-Style Phase II

Sample No.: LCS0508S-1 Location: Franklin, MA

COMPOUND	SPIKE ADDED ()	SAMPLE CONCENTRATION ()	% REC #	QC LIMITS REC
2-Methylnaphthalene	4000	2184	55	40-140
Acenaphthene	4000	2297	57	40-140
Acenaphthylene	4000	2223	56	40-140
Anthracene	4000	2543	64	40-140
Benzo[a]anthracene	4000	2658	66	40-140
Benzo[a]pyrene	4000	2776	69	40-140
Benzo[b]fluoranthene	4000	2675	67	40-140
Benzo[g,h,i]perylene	4000	2696	67	40-140
Benzo[k]fluoranthene	4000	2762	69	40-140
Chrysene	4000	2670	67	40-140
Dibenz[a,h]anthracene	4000	2949	74	40-140
Fluoranthene	4000	2914	73	40-140
Fluorene	4000	2379	59	40-140
Indeno[1,2,3-cd]pyrene	4000	2556	64	40-140
Naphthalene	4000	2092	52	40-140
Phenanthrene	4000	2347	59	40-140
Pyrene	4000	2600	65	40-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FILE: A22327.D

FORM 4
MADEP EPH METHOD BLANK SUMMARY

E0427BA-1

Project No.: E704G83

Project: 20050458.B10/Nu-Style Phase II

Lab File ID: A22129.D

Lab Sample ID: E0427BA-1

Matrix: (soil/water) Water

Date Analyzed: 04/30/07

Instrument ID: GC1

Date Extracted:

Time Analyzed: 1835

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E704G83-7B	841070426-13	A22130.D	04/30/07
02	LCS0427A-1	LCS0427A-1	A22127.D	04/30/07
03	LCSD0427A-1	LCSD0427A-1	A22128.D	04/30/07
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 4

MADEP EPH METHOD BLANK SUMMARY

| E0430BA-1 |

Project No.: E704G83

Project: 20050458.B10/Nu-Style Phase II

Lab File ID: A22135.D

Lab Sample ID: E0430BA-1

Matrix: (soil/water) Water

Date Analyzed: 04/30/07

Instrument ID: GC1

Date Extracted:

Time Analyzed: 2143

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E704G83-7B	841070426-13	A22130.D	04/30/07
02	LCS0427A-1	LCS0427A-1	A22127.D	04/30/07
03	LCSD0427A-1	LCSD0427A-1	A22128.D	04/30/07
04	LCS0430A-1	LCS0430A-1	A22158.D	05/01/07
05	LCSD0430A-2	LCSD0430A-2	A22159.D	05/01/07
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 4
MADEP EPH METHOD BLANK SUMMARY

| T0430BS-1 |

Project No.: E704G83

Project: 20050458.B10/Nu-Style Phase II

Lab File ID: A22125.D

Lab Sample ID: T0430BS-1

Matrix: (soil/water) Soil

Date Analyzed: 04/30/07

Instrument ID: GC1

Date Extracted:

Time Analyzed: 1613

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E704G83-2C	841070426-07	A22154.D	05/01/07
02	E704G83-3C	841070426-08	A22155.D	05/01/07
03	E704G83-5C	841070426-10	A22157.D	05/01/07
04	LCS0430S-1	LCS0430S-1	A22123.D	04/30/07
05	LCSD0430S-1	LCSD0430S-1	A22124.D	04/30/07
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 4
MADEP EPH METHOD BLANK SUMMARY

| E0508BS-1 |

Project No.: E704G83

Project: 20050458.B10/Nu-Style Phase II

Lab File ID: A22337.D

Lab Sample ID: E0508BS-1

Matrix: (soil/water) Soil

Date Analyzed: 05/09/07

Instrument ID: GC1

Date Extracted:

Time Analyzed: 1848

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E704G83-1C	841070426-06	A22346.D, A223	05/09/07
02	LCS0508S-1	LCS0508S-1	A22327.D	05/09/07
03	LCSD0508S-1	LCSD0508S-1	A22328.D	05/09/07
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

FORM 4
MADEP EPH METHOD BLANK SUMMARY

| E0508S-1 |

Project No.: E704G83

Project: 20050458.B10/Nu-Style Phase II

Lab File ID: A22337.D

Lab Sample ID: E0508S-1

Matrix: (soil/water) Soil

Date Analyzed: 05/09/07

Instrument ID: GC1

Date Extracted:

Time Analyzed: 1848

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	LAB SAMPLE NO.	CLIENT SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	E704G83-1C	841070426-06	A22346.D, A223	05/09/07
02	LCS0508S-1	LCS0508S-1	A22327.D	05/09/07
03	LCSD0508S-1	LCSD0508S-1	A22328.D	05/09/07
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

ICP Method Blank Summary

Workorder # : E704G83	Matrix: Solids		
Element	Result mg/Kg	MDL mg/Kg	Run Date
Antimony	ND	0.5	5/3/2007
Aluminum		2.5	
Arsenic	ND	0.5	5/3/2007
Barium	ND	0.5	5/3/2007
Beryllium	ND	0.05	5/3/2007
Boron		0.5	
Calcium		25	
Cadmium	ND	0.1	5/3/2007
Cobalt		0.1	
Chromium	ND	0.5	5/3/2007
Copper	ND	0.5	5/3/2007
Iron		2.5	
Lead	ND	0.2	5/3/2007
Magnesium		25	
Manganese		0.5	
Mercury CV	ND	0.02	5/2/2007
Molybdenum		0.5	
Nickel	ND	0.5	5/3/2007
Potassium		100	
Selenium	ND	0.5	5/3/2007
Silver	ND	0.1	5/3/2007
Sodium		50	
Thallium	ND	0.25	5/3/2007
Titanium		0.1	
Tin		2.5	
Vanadium		0.5	
Zinc	ND	0.5	5/3/2007

ND = NONE DETECTABLE

(*) Elevated MDLs due to dilution for range

(**) Elevated MDLs due to dilution for interferences

Fortified Sample/Blank Recovery Report

Date:	May 3, 2007
Time:	15:03
Method:	6010B
Analyst:	AM
Supervisor:	

Matrix: Solid [x]

Run Log Reference Number: V-070503-2

Workorder #: E704G83

Fortified Sample ID #: E704G83-1C

Units:mg/kg

Laboratory Fortified Matrix(LFM)/LFM Duplicate											LFB				LLCS		
Element	Sample	Sample Duplicate	RPD	Spike Amount	LFM Result	% recovery	LFMD Result	% recovery	Recovery Limits	RPD	Mean	Result	% recovery	Recovery Limits	Result (ppb)	T.V.= (ppb)	Rec. Limits 80-120%
Ag	0.00	0.00		25	23.41	93.7	23.34	93.3	75-125	0.2	79.90	75.14	94.0	56.7-103		0.2	
Al	0.00	0.00		525					75-125							5.0	
As	0.31	0.36	15.2	25	23.88	94.3	24.25	95.8	75-125	0.8	58.20	50.08	86.0	37.5-78.9		1.0	
B	0.00	0.00		25					75-125					80-120		1.0	
Ba	12.14	12.19	0.4	25	36.95	99.2	37.11	99.9	75-125	0.3	130.0	95.11	73.2	102-158		1.0	
Be	0.11	0.11	0.5	25	22.69	90.3	22.74	90.5	75-125	0.1		NP				0.1	
Ca	0.00	0.00		525					75-125							5.0	
Cd	0.11	0.12	3.0	25	22.80	90.8	22.91	91.2	75-125	0.2		NP				0.2	
Co	0.00	0.00		25					75-125							0.2	
Cr	1.29	1.31	1.7	25	24.28	91.9	24.25	91.8	75-125	0.1	75.70	55.70	73.6	52-99.4		1.0	
Cu	5.60	5.58	0.3	25	56.37	NE	57.06	NE	75-125	1.2		NP				1.0	
Fe	0.00	0.00		125					75-125							5.0	
K	0.00	0.00		1250					64-132							20.0	
Mg	0.00	0.00		525					75-125							5.0	
Mn	0.00	0.00		25					75-125							1.0	
Mo	0.00	0.00		25					75-125							1.0	
Na	0.00	0.00		525					75-125							10.0	
Ni	4.34	4.37	0.8	25	27.15	91.2	27.16	91.3	75-125	0.0	27.80	18.54	66.7	16.8-38.8		1.0	
Pb	6.87	6.90	0.5	25	31.07	96.8	31.32	97.8	75-125	0.5	152.00	136.40	89.7	109-195		0.4	
Sb	0.00	0.00		25	21.55	86.2	21.88	87.5	75-125	0.8	50.60	51.15	101.1	14.2-156		1.0	
Se	0.00	0.12		25	22.71	90.9	22.37	89.5	75-125	0.8	<50	NP				1.0	
Sn	0.00	0.00		125					75-125					80-120		5.0	
Tl	0.54	0.30	57.6	25	21.88	85.4	22.54	88.0	75-125	1.5		NP				0.5	
Ti	0.00	0.00		25					75-125							0.2	
V	0.00	0.00		25					75-125		21.40					1.0	
Zn	18.47	18.52	0.3	25	51.64	NE	51.84	NE	75-125	0.4		NP				1.0	
Hg	0.00	0.00		0.5	0.52	103.4	0.52	103.7	66-133	0.0	0.5	0.52	103.8	80-120		0.25	
CN	0.00	0.00		5					75-125							0.01	

Comments: HG RUN ON 05/02/04

NP-NOT PRESENT

Fortified Sample/Blank Recovery Report

Date:	May 1, 2007
Time:	15:33
Method:	200.7
Analyst:	AM
Validator:	

Matrix	
Aqueous	X
TCLP	
SPLP	

Run Log Reference Number
V-070501-2

Workorder #: E704G83

Fortified Sample ID #: **E704G83-7A**

Units: ug/L

Laboratory Fortified Matrix(LFM)/LFM Duplicate											LFB		
Element	Sample	Sample Duplicate	RPD	Spike Amount	LFM Result	% recovery	LFMD Result	% recovery	Recovery Limits	RPD	Result	% recovery	Recovery Limits
Ag	0	0	0.0	500	509.17	101.8	514.71	102.9	75-125	1.1	512.07	102.4	80-120
Al				10500					75-125				80-120
As	0	0	0.0	500	494.28	98.9	499.85	100.0	75-125	1.1	497.78	99.6	80-120
B				500					75-125				80-120
Ba	0	0	0.0	500	519.04	103.8	524.38	104.9	75-125	1.0	526.33	105.3	80-120
Be	0	0	0.0	500	485.32	97.1	491.73	98.3	75-125	1.3	489.99	98.0	80-120
Ca				10500					75-125				80-120
Cd	0	0	0.0	500	491.8	98.4	496.79	99.4	75-125	1.0	495.72	99.1	80-120
Co				500					75-125				80-120
Cr	0	0	0.0	500	487.62	97.5	494.44	98.9	75-125	1.4	489.49	97.9	80-120
Cu	2.96	3.22	8.4	500	479.78	95.4	482.82	96.0	75-125	0.6	485.85	97.2	80-120
Fe				500					75-125				80-120
K				25000					75-125				80-120
Mg				10500					75-125				80-120
Mn				500					75-125				80-120
Mo				500					75-125				80-120
Na				10500					75-125				80-120
Ni	0	0	0.0	500	498.84	99.8	503.16	100.6	75-125	0.9	499.71	99.9	80-120
Pb	0	0	0.0	500	480.95	96.2	483.43	96.7	75-125	0.5	483.43	96.7	80-120
Sb	5.78	5.3	8.7	500	463.65	91.6	479.82	94.8	75-125	3.4	476.99	95.4	80-120
Se	0	0	0.0	500	482.73	96.5	486.78	97.4	75-125	0.8	487.44	97.5	80-120
Sn				2500					75-125				80-120
Tl	0	0	0.0	500	482.5	96.5	484.09	96.8	75-125	0.3	485.65	97.1	80-120
Ti				500					75-125				80-120
V				500					75-125				80-120
Zn	0	0	0.0	500	504.26	100.9	509.68	101.9	75-125	1.1	500.41	100.1	80-120
Hg	0	0	0.0	5	4.335	86.7	4.516	90.3	66-133	4.1	4.048	81.0	80-120

SAMPLE SPIKED FOR HG : E704H07-1A

HG RUN ON 04/30/07

ICP Method Blank Summary

Workorder # : E704G83	Matrix: Aqueous		
Element	Result ug/L	MDL ug/L	Run Date
Antimony	ND	3	5/1/2007
Aluminum			
Arsenic	ND	5	5/1/2007
Barium	ND	2	5/1/2007
Beryllium	ND	1	5/1/2007
Boron			
Calcium			
Cadmium	ND	2	5/1/2007
Cobalt			
Chromium	ND	2	5/1/2007
Copper	ND	2	5/1/2007
Iron			
Lead	ND	2	5/1/2007
Magnesium			
Manganese			
Mercury CV	ND	0.2	4/30/2007
Molybdenum			
Nickel	ND	2	5/1/2007
Potassium			
Selenium	ND	5	5/1/2007
Silver	ND	2	5/1/2007
Sodium			
Thallium	ND	5	5/1/2007
Titanium			
Tin			
Vanadium			
Zinc	ND	2	5/1/2007

ND = NONE DETECTABLE

(*) Elevated MDLs due to dilution for range

(**) Elevated MDLs due to dilution for interferences

Wet Chemistry Duplicate/Matrix Spike Summary

E704G83

Sample	Sample	Sample Duplicate	RPD	Sample Number	Spike Amount	LFM Result	% recovery	LFMD Result	% recovery	Recovery Limits	RPD	LCS Result	LCS % recovery	LCS Recovery Limits	LCS Run Date
CYANIDE															
E704G95-4E	0	0													
					0.1							0.1022	102.2	90-110	5/3/2007
E704D28-13D	0			E704D28-13D	0.1	0.1015	101.5	0.1089	108.9	75-125	7.0				

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
1. SDG Project Narratives	☒	☐	
2. Traffic Report	☐	☒	
3. Volatiles Data			
a. Sample Data			
Target Compound List (TCL) Results	☒	☐	
Reconstructed total ion chromatograms (RIC) for each Sample	☒	☐	
For each sample:			
Raw spectra and background-subtracted mass spectra of target compounds identified	☒	☐	
Mass spectra of all reported TICs with three best library matches	☐	☐	N/A
Percent solids calculations	☒	☐	
b. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Area Summary	☒	☐	
c. Raw QC Data			
Blank Data	☒	☐	
Matrix Spike Data	☐	☒	N/A
Matrix Spike Duplicate Data	☐	☐	N/A
4. Semivolatiles Data			
a. QC Summary			
Surrogate Percent Recovery Summary	☒	☐	
MS/MSD Summary	☐	☐	N/A
Method Blank Summary	☒	☐	
Tuning and Mass Calibration	☒	☐	

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

	PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**		
	YES	NO	COMMENTS
b. Sample Data			
TCL Results	☒	☐	
Tentatively Identified Compounds	☐	☐	N/A
Reconstructed total ion chromatograms (RIC) for each Sample	☐	☐	N/A
For each sample:			
Raw spectra and background-subtracted mass spectra of TCL compounds	☐	☐	N/A
Mass spectra of TICs with 3 best library matches	☐	☐	N/A
GPC chromatograms (if GPC performed)	☐	☐	N/A
c. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Areas Summary	☐	☐	N/A
Internal Standard Areas Summary	☐	☐	N/A
d. Raw QC Data			
Decafluorotripbenylphosphine (DFTPP)	☐	☐	N/A
Blank Data	☒	☐	
Matrix Spike Data	☐	☐	N/A
Matrix Spike Duplicate Data	☐	☐	N/A
5. Miscellaneous Data			
Original preparation and analysis forms or copies of preparation and analysis log book pages	☒	☐	
Internal sample & sample extract transfer chain-of custody records	☒	☐	
Screening Records	☐	☐	N/A
All instrument output, including strip charts from screening activities (describe or list)	☒	☐	

FUSS & O'NEILL

INITIAL DATE: OCTOBER 2006
REVISION DATE: OCTOBER 2006
REVISION: 1.0

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
6. Chain-of-Custody Records	☒	☐	
Sample Log-in Sheet (Lab & DCI)	☐	☐	
Miscellaneous Shipping/Receiving Records (describe or list)	☐	☐	
7. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)	☐	☐	
8. Other Records (describe or list)	☐	☐	

9. Comments:

** See laboratory Quality Assurance Plan for limits.

Completed by: (Lab) (Signature) Gregory Plante Organics Manager (Printed Name/Title) 7/6/07 Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: (Lab) (Signature) Robert Stevenson/Lab Director (Printed Name/Title) 7-6-07 Date

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Inorganic Analysis Data Sheet	☑	☐	
3.	Initial and Continuing Calibration Verification	☑	☐	
4.	CRDL Standard for AA and ICP	☑	☐	
5.	Blanks	☑	☐	
6.	ICP Interference Check Sample	☑	☐	
7.	Spike Sample Recovery	☑	☐	
8.	Post Digest Spike Sample Recovery	☐	☑	NA
9.	Duplicates	☑	☐	
10.	Laboratory Control Sample	☑	☐	
11.	Standard Addition Results	☐	☑	NA
12.	ICP Serial Dilutions	☑	☐	
13.	Instrument Detection Limits, Quarterly	☑	☐	
14.	ICP Interelement Correction Factors, Annually	☑	☐	
15.	ICP Linear Ranges Quarterly	☑	☐	
16.	Preparation Log	☑	☐	
17.	Analysis Run Log	☑	☐	
18.	ICP Raw Data	☑	☐	
19.	Furnace AA Raw Data	☐	☑	NA
20.	Mercury Raw Data	☑	☐	
21.	Percent Solids Calculations	☑	☐	
22.	Digestion Logs	☑	☐	
23.	EPA Shipping/Receiving Records (List all individual records)	☐	☐	
	Chain-of Custody Records	☑	☐	
	Sample Log-In sheet	☐	☐	
24.	Miscellaneous Shipping/Receiving Records (List all individual records)	☐	☐	

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

		YES	NO	COMMENTS
25.	Internal Lab Sample Transfer Records and Tracking Sheets (Describe or List) logbook			
26.	Internal Original Sample Preparation and analysis Records			
	(Describe or List	☐	☐	
	Preparation Records	☑	☐	logbook
	Analysis Records	☑	☐	hardcopy + electronic
	Description	☐	☐	
27.	Other Records (Describe or List)			
28.	Comments:			

** See laboratory Quality Assurance Plan for limits.

Completed by: B. Szupryczynski (Lab) (Signature) Barbara Szupryczynski / Inorganic Mgr (Printed Name/Title) 5/24/07 Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: B. Szupryczynski (Lab) (Signature) Barbara Szupryczynski / Inorganic Mgr (Printed Name/Title) 5/24/07 Date

FUSS & O'NEILL

Modified Tier I
Data Validation Narrative
and Certification

Project: 20050458B10, Former Nu-Style Company, Inc. Facility

Premier Laboratory Project Number:	E612052
Date Samples Received at Laboratory:	12/1/2006
Date of Review:	1/11/2007

Seventeen soil samples, including one field duplicate, were collected and submitted to Premier Laboratory, LLC in Dayville, Connecticut for analysis of volatile organic compounds (VOCs) by EPA Method 8260B, priority pollutant metals plus barium by EPA Methods 6010B and 7471, cyanide by EPA Method 9012, polychlorinated biphenyls (PCBs) by EPA Method 8082, and petroleum hydrocarbons by Massachusetts Department of Environmental Protection (MADEP) Methods Extractable Petroleum Hydrocarbons (EPH) and Volatile Petroleum Hydrocarbons (VPH). One aqueous trip blank was also submitted for analysis of VOCs by EPA Method 8260B. Dedicated sampling equipment was employed; therefore, no equipment blank was indicated.

Samples were analyzed within method-specified holding times and in accordance with the Massachusetts Contingency Plan (MCP) Compendium of Analytical Methods (CAM) data enhancement protocols.

I certify that the field and laboratory data associated with the above referenced project, to the best of my knowledge with the exceptions noted above, are compliant with the Quality Assurance Project Plan for the Former Nu-Style Company, Inc. Facility located in Franklin, Massachusetts dated September 2006.

Certified by:

Kevin W. Miller, Ph.D.
QA/QC Officer

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
MODIFIED TIER I COMPLETENESS CHECKLIST

	YES	NO
1. SAMPLING AND FIELD MEASUREMENTS:		
Field measurement calibration records	☑	☐
Groundwater field measurements (if applicable)	☐	☐ N/A
Soil sampling field measurements (if applicable)	☑	☐
Sediment sampling field measurements (if applicable)	☐	☐ N/A
Surface water sampling field measurements (if applicable)	☐	☐ N/A
Low-flow sampling field measurements (if applicable)	☐	☐ N/A
Documentation of field activities	☑	☐
Sample numbering and labeling	☑	☐
Chain-of-Custody records	☑	☐
Trip blanks	☑	☐
Duplicate samples	☑	☐
Equipment blanks	☐	☐ N/A
Split samples (if any)	☐	☐ N/A
2. LABORATORY MEASUREMENTS:		
Trip blanks	☑	☐
Instrument blanks	☑	☐
Laboratory control samples	☑	☐
Duplicates samples	☑	☐
Equipment blanks	☐	☐ N/A
Matrix spike/matrix spike duplicates	☑	☐
Analysis type	☑	☐
Chain-of-Custody records	☑	☐
Surrogate recoveries	☑	☐
Sample Project Narratives	☑	☐
Split samples (if any)	☐	☐ N/A
TOTAL:	16	0

PERCENT COMPLETE: 100 %

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

ANALYTICAL DATA REPORT

Report Number: E612052
Project: 20050458.B10/Nu-Style Phase II

prepared for:

Fuss & O'Neill
275 Promenade Street
Providence, RI 02908

Attn: David Foss

Received Date: 12/1/2006
Report Date: 3/13/2007

Premier Laboratory, LLC
Authorized Signature

Certifications:
CT (PH-0465), MA (M-CT008), ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246)

Premier Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Premier Laboratory, LLC — Project #: E612052

Project Location: Franklin, MA — MADEP RTN[1]:

This Form provides certifications for the following data set:[list Laboratory Sample ID Number(s)]
1, 10, 11, 12, 13, 14, 15, 16, 17, 18, 2, 3, 4, 5, 6, 7, 8, 9

Sample Matrices: ☐ Groundwater ☒ Soil/Sediment ☐ Drinking Water ☐ Other

MCP SW-846 Methods Used					
	8260B ☒	8151A ☐	8330 ☐	6010B ☒	7470A/1A ☒
	8270C ☐	8081A ☐	VPH ☒	6020 ☐	9014M[2] ☐
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	8082 ☒	8021B ☐	EPH ☒	7000 S[3] ☐	7196A ☐

1 List Release Tracking Number (RTN), if known
2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S - SW-846 Methods 7000 Series List individual method and analyte.

An affirmative response to questions A, B, C, and D is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	☒ Yes ☐ No[1]
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	☒ Yes ☐ No[1]
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 (a),(b),(c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☒ Yes ☐ No[1]
D	***VPH and EPH Methods only:*** Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	☒ Yes ☐ No[1]

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	☒ Yes ☐ No[1]
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☒ Yes ☐ No[1]

[1]*All NO answers must be addressed in an attached Environmental Laboratory case narrative.*

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

Signature: _____ Position: Laboratory Director

Printed Name: Robert Stevenson Date: 3/13/2007

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

Report No: E612052
Client: Fuss & O'Neill
Project: 20050458.B10/Nu-Style Phase II

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory received 18 samples from Fuss & O'Neill on 12/01/2006. The samples were analyzed from the following list of analyses:

Cyanide, Total, by 9012 in GW/SW
9012[9012]
Moisture, Percent
Trace Priority Pollutant (13) Metals in Soil
6010B[3000], 7471[7471]
Volatiles by 8260B in GW/SW
8260B
Extractable Petroleum Hydrocarbon (EPH)
MADEP EPH[MADEP EPH]
PCB's by 8082 in GW/SW
8082[3500]
Volatile Petroleum Hydrocarbon (VPH)
MADEP VPH

In order to meet requested detection limits, EDB results were estimated to 3 ppb for EPA method 8260B. Dibromochloromethane, 1,2-Dichlorobenzene and 1,1,2,2-Tetrachloroethane were all estimated to a value of 5.0 ppb. This value of 5.0 ppb corresponds to the lowest level of calibration on the instrument prior to the % solid value being calculated into the reported detection limits. The samples were ND for all estimated compounds to their respective values.

Variances:

SDG:

A full list 8260B LCS was run and met the applicable recovery criteria for "Presumptive Certainty". An LCS Duplicate encompasing all target compounds was not run for EPA method 8260B. Both an LCS and LCSD were analyzed for the oxygenate compounds only.

Method:

None reported.

QA/QC:

Sample 12A, 841061130-12, Volatiles by 8260B: One internal standard was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

Sample 13A, 841061130-13, Volatiles by 8260B: One internal standard was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

Premier
Laboratory, LLC
61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

Report No: E612052
Client: Fuss & O'Neill
Project: 20050458.B10/Nu-Style Phase II

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY (continued)

QA/QC (continued):

Sample 13A, 841061130-13, Volatiles by 8260B: Two surrogate spikes were outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the surrogate was still outside of the limits.

Sample 14A, 841061130-14, Volatiles by 8260B: One internal standard was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

Sample 15A, 841061130-15, Volatiles by 8260B: One internal standard was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

Sample 15A, 841061130-15, Volatiles by 8260B: Two surrogate spikes were outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the surrogate was still outside of the limits.

Sample 16A, 841061130-16, Volatiles by 8260B: One internal standard was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

Sample 16A, 841061130-16, Volatiles by 8260B: Two surrogate spikes were outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the surrogate was still outside of the limits.

Sample 17A, 841061130-17, Volatiles by 8260B: One internal standard was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

Sample 1A, 841061130-01, Volatiles by 8260B: One internal standard was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

Report No: E612052
Client: Fuss & O'Neill
Project: 20050458.B10/Nu-Style Phase II

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY (continued)

QA/QC (continued):

Sample 3A, 841061130-03, Volatiles by 8260B: One internal standard was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

Sample 5A, 841061130-05, Volatiles by 8260B: One internal standard was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

Sample 5A, 841061130-05, Volatiles by 8260B: One surrogate spike was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the surrogate was still outside of the limits.

Sample 6A, 841061130-06, Volatiles by 8260B: One internal standard was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

Sample 8A, 841061130-08, Volatiles by 8260B: The matrix spike/ matrix spike duplicate recoveries for the sample were outside of the established control limits due to matrix interference. The associated LCS recoveries were within the established quality control limits.

Sample 9A, 841061130-09, Volatiles by 8260B: One internal standard was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612052
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed		By	Dilution
(1) 841061130-01							
Date Collected: 11/30/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.53	mg/kg	12/06/06	12:11	DDD	
Trace Metals by 6010B							
Antimony	ND	0.53	mg/kg	12/05/06		BSZ	
Arsenic	ND	0.50	mg/kg	12/05/06		BSZ	
Barium	16	0.50	mg/kg	12/05/06		BSZ	
Beryllium	0.19	0.050	mg/kg	12/05/06		BSZ	
Cadmium	ND	0.10	mg/kg	12/05/06		BSZ	
Chromium	3.2	0.50	mg/kg	12/05/06		BSZ	
Copper	4.9	0.50	mg/kg	12/05/06		BSZ	
Lead	4.9	0.20	mg/kg	12/05/06		BSZ	
Nickel	2.6	0.50	mg/kg	12/05/06		BSZ	
Selenium	ND	0.50	mg/kg	12/05/06		BSZ	
Silver	ND	0.10	mg/kg	12/05/06		BSZ	
Thallium	ND	0.26	mg/kg	12/08/06		BSZ	
Zinc	10	0.50	mg/kg	12/05/06		BSZ	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	12/05/06		AM	
(2) 841061130-02							
Date Collected: 11/30/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.56	mg/kg	12/06/06	12:12	DDD	
Trace Metals by 6010B							
Antimony	ND	0.56	mg/kg	12/05/06		BSZ	
Arsenic	ND	0.56	mg/kg	12/05/06		BSZ	
Barium	24	0.56	mg/kg	12/05/06		BSZ	
Beryllium	0.57	0.056	mg/kg	12/05/06		BSZ	
Cadmium	ND	0.11	mg/kg	12/05/06		BSZ	
Chromium	5.3	0.56	mg/kg	12/05/06		BSZ	
Copper	12	0.56	mg/kg	12/05/06		BSZ	
Lead	8.1	0.22	mg/kg	12/05/06		BSZ	
Nickel	3.3	0.56	mg/kg	12/05/06		BSZ	
Selenium	ND	0.56	mg/kg	12/05/06		BSZ	
Silver	ND	0.11	mg/kg	12/05/06		BSZ	
Thallium	ND	0.28	mg/kg	12/08/06		BSZ	
Zinc	13	0.56	mg/kg	12/05/06		BSZ	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612052
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed		By	Dilution
(2) 841061130-02 (continued)							
Date Collected: 11/30/2006 Matrix: Solid							
Mercury by SW-846 7471 in SW	ND	0.022	mg/kg	12/05/06		AM	
(3) 841061130-03							
Date Collected: 11/30/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.56	mg/kg	12/06/06	12:13	DDD	
Trace Metals by 6010B							
Antimony	ND	0.56	mg/kg	12/05/06		BSZ	
Arsenic	1.2	0.56	mg/kg	12/05/06		BSZ	
Barium	36	0.56	mg/kg	12/05/06		BSZ	
Beryllium	0.21	0.056	mg/kg	12/05/06		BSZ	
Cadmium	0.17	0.11	mg/kg	12/05/06		BSZ	
Chromium	7.1	0.56	mg/kg	12/05/06		BSZ	
Copper	91	0.56	mg/kg	12/05/06		BSZ	
Lead	40	0.22	mg/kg	12/05/06		BSZ	
Nickel	4.0	0.56	mg/kg	12/05/06		BSZ	
Selenium	ND	0.56	mg/kg	12/05/06		BSZ	
Silver	ND	0.11	mg/kg	12/05/06		BSZ	
Thallium	ND	0.28	mg/kg	12/05/06		BSZ	
Zinc	85	0.56	mg/kg	12/05/06		BSZ	
Mercury by SW-846 7471 in SW	0.029	0.022	mg/kg	12/05/06		AM	
(4) 841061130-04							
Date Collected: 11/30/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.59	mg/kg	12/06/06	12:14	DDD	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612052
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(4) 841061130-04 (continued)						
Date Collected: 11/30/2006 Matrix: Solid						
Trace Metals by 6010B						
Antimony	ND	0.59	mg/kg	12/05/06	BSZ	
Arsenic	ND	0.59	mg/kg	12/05/06	BSZ	
Barium	20	0.59	mg/kg	12/05/06	BSZ	
Beryllium	0.19	0.059	mg/kg	12/05/06	BSZ	
Cadmium	0.14	0.12	mg/kg	12/05/06	BSZ	
Chromium	6.0	0.59	mg/kg	12/05/06	BSZ	
Copper	43	0.59	mg/kg	12/05/06	BSZ	
Lead	18	0.24	mg/kg	12/05/06	BSZ	
Nickel	3.6	0.59	mg/kg	12/05/06	BSZ	
Selenium	ND	0.59	mg/kg	12/05/06	BSZ	
Silver	ND	0.12	mg/kg	12/05/06	BSZ	
Thallium	ND	0.30	mg/kg	12/05/06	BSZ	
Zinc	63	0.59	mg/kg	12/05/06	BSZ	
Mercury by SW-846 7471 in SW	ND	0.024	mg/kg	12/05/06	AM	
(5) 841061130-05						
Date Collected: 11/30/2006 Matrix: Solid						
Cyanide, Total, by SW-846 9012	ND	0.59	mg/kg	12/06/06 12:15	DDD	
Trace Metals by 6010B						
Antimony	ND	0.59	mg/kg	12/05/06	BSZ	
Arsenic	6.6	0.59	mg/kg	12/05/06	BSZ	
Barium	36	0.59	mg/kg	12/05/06	BSZ	
Beryllium	0.22	0.059	mg/kg	12/05/06	BSZ	
Cadmium	0.13	0.12	mg/kg	12/05/06	BSZ	
Chromium	35	0.59	mg/kg	12/05/06	BSZ	
Copper	160	0.59	mg/kg	12/05/06	BSZ	
Lead	25	0.23	mg/kg	12/05/06	BSZ	
Nickel	6.2	0.59	mg/kg	12/05/06	BSZ	
Selenium	ND	0.59	mg/kg	12/05/06	BSZ	
Silver	ND	0.12	mg/kg	12/05/06	BSZ	
Thallium	ND	0.29	mg/kg	12/08/06	BSZ	
Zinc	27	0.59	mg/kg	12/05/06	BSZ	
Mercury by SW-846 7471 in SW	0.14	0.023	mg/kg	12/05/06	AM	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612052
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed		By	Dilution
(6) 841061130-06							
Date Collected: 11/30/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.57	mg/kg	12/06/06	12:16	DDD	
Trace Metals by 6010B							
Antimony	ND	0.57	mg/kg	12/05/06		BSZ	
Arsenic	2.6	0.57	mg/kg	12/05/06		BSZ	
Barium	36	0.57	mg/kg	12/05/06		BSZ	
Beryllium	0.15	0.057	mg/kg	12/05/06		BSZ	
Cadmium	ND	0.11	mg/kg	12/05/06		BSZ	
Chromium	4.1	0.57	mg/kg	12/05/06		BSZ	
Copper	9.0	0.57	mg/kg	12/05/06		BSZ	
Lead	89	0.23	mg/kg	12/05/06		BSZ	
Nickel	5.0	0.57	mg/kg	12/05/06		BSZ	
Selenium	ND	0.57	mg/kg	12/05/06		BSZ	
Silver	ND	0.11	mg/kg	12/05/06		BSZ	
Thallium	ND	0.28	mg/kg	12/05/06		BSZ	
Zinc	54	0.57	mg/kg	12/05/06		BSZ	
Mercury by SW-846 7471 in SW	ND	0.023	mg/kg	12/05/06		AM	
(7) 841061130-07							
Date Collected: 11/30/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.57	mg/kg	12/06/06	12:18	DDD	
Trace Metals by 6010B							
Antimony	ND	0.57	mg/kg	12/08/06		BSZ	
Arsenic	ND	0.57	mg/kg	12/08/06		BSZ	
Barium	48	0.57	mg/kg	12/08/06		BSZ	
Beryllium	0.34	0.057	mg/kg	12/08/06		BSZ	
Cadmium	0.34	0.11	mg/kg	12/08/06		BSZ	
Chromium	8.4	0.57	mg/kg	12/08/06		BSZ	
Copper	13	0.57	mg/kg	12/08/06		BSZ	
Lead	8.4	0.23	mg/kg	12/08/06		BSZ	
Nickel	23	0.57	mg/kg	12/08/06		BSZ	
Selenium	ND	0.57	mg/kg	12/08/06		BSZ	
Silver	ND	0.11	mg/kg	12/08/06		BSZ	
Thallium	ND	0.28	mg/kg	12/08/06		BSZ	
Zinc	20	0.57	mg/kg	12/08/06		BSZ	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612052
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed		By	Dilution
(7) 841061130-07 (continued)							
Date Collected: 11/30/2006 Matrix: Solid							
Mercury by SW-846 7471 in SW	0.034	0.023	mg/kg	12/05/06		AM	
(8) 841061130-08							
Date Collected: 11/30/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.57	mg/kg	12/06/06	12:19	DDD	
Trace Metals by 6010B							
Antimony	ND	0.57	mg/kg	12/08/06		BSZ	
Arsenic	2.0	0.57	mg/kg	12/08/06		BSZ	
Barium	24	0.57	mg/kg	12/08/06		BSZ	
Beryllium	0.36	0.057	mg/kg	12/08/06		BSZ	
Cadmium	0.19	0.11	mg/kg	12/08/06		BSZ	
Chromium	5.4	0.57	mg/kg	12/08/06		BSZ	
Copper	18	0.57	mg/kg	12/08/06		BSZ	
Lead	22	0.23	mg/kg	12/08/06		BSZ	
Nickel	37	0.57	mg/kg	12/08/06		BSZ	
Selenium	ND	0.57	mg/kg	12/08/06		BSZ	
Silver	ND	0.11	mg/kg	12/08/06		BSZ	
Thallium	ND	0.28	mg/kg	12/08/06		BSZ	
Zinc	26	0.57	mg/kg	12/08/06		BSZ	
Mercury by SW-846 7471 in SW	0.051	0.023	mg/kg	12/05/06		AM	
(9) 841061130-09							
Date Collected: 11/30/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.53	mg/kg	12/06/06	12:20	DDD	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612052
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed		By	Dilution
(9) 841061130-09 (continued)							
Date Collected: 11/30/2006 Matrix: Solid							
Trace Metals by 6010B							
Antimony	ND	0.53	mg/kg	12/08/06		BSZ	
Arsenic	1.1	0.53	mg/kg	12/08/06		BSZ	
Barium	39	0.53	mg/kg	12/08/06		BSZ	
Beryllium	0.25	0.053	mg/kg	12/08/06		BSZ	
Cadmium	0.22	0.10	mg/kg	12/08/06		BSZ	
Chromium	5.1	0.53	mg/kg	12/08/06		BSZ	
Copper	32	0.53	mg/kg	12/08/06		BSZ	
Lead	20	0.21	mg/kg	12/08/06		BSZ	
Nickel	4.9	0.53	mg/kg	12/08/06		BSZ	
Selenium	ND	0.53	mg/kg	12/08/06		BSZ	
Silver	ND	0.10	mg/kg	12/08/06		BSZ	
Thallium	ND	0.26	mg/kg	12/08/06		BSZ	
Zinc	48	0.53	mg/kg	12/08/06		BSZ	
Mercury by SW-846 7471 in SW	0.023	0.021	mg/kg	12/05/06		AM	
(10) 841061130-10							
Date Collected: 11/30/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.54	mg/kg	12/06/06	12:21	DDD	
Trace Metals by 6010B							
Antimony	ND	0.54	mg/kg	12/08/06		BSZ	
Arsenic	ND	0.54	mg/kg	12/08/06		BSZ	
Barium	10	0.54	mg/kg	12/08/06		BSZ	
Beryllium	0.13	0.054	mg/kg	12/08/06		BSZ	
Cadmium	ND	0.11	mg/kg	12/08/06		BSZ	
Chromium	3.5	0.54	mg/kg	12/08/06		BSZ	
Copper	3.4	0.54	mg/kg	12/08/06		BSZ	
Lead	1.6	0.22	mg/kg	12/08/06		BSZ	
Nickel	14	0.54	mg/kg	12/08/06		BSZ	
Selenium	ND	0.54	mg/kg	12/08/06		BSZ	
Silver	ND	0.11	mg/kg	12/08/06		BSZ	
Thallium	ND	0.27	mg/kg	12/08/06		BSZ	
Zinc	6.8	0.54	mg/kg	12/08/06		BSZ	
Mercury by SW-846 7471 in SW	ND	0.022	mg/kg	12/05/06		AM	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612052
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed		By	Dilution
(11) 841061130-11							
Date Collected: 11/30/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.54	mg/kg	12/06/06	12:22	DDD	
Trace Metals by 6010B							
Antimony	ND	0.54	mg/kg	12/11/06		BSZ	
Arsenic	ND	0.54	mg/kg	12/08/06		BSZ	
Barium	28	0.54	mg/kg	12/08/06		BSZ	
Beryllium	0.18	0.054	mg/kg	12/08/06		BSZ	
Cadmium	0.46	0.11	mg/kg	12/08/06		BSZ	
Chromium	5.8	0.54	mg/kg	12/08/06		BSZ	
Copper	31	0.54	mg/kg	12/08/06		BSZ	
Lead	97	0.21	mg/kg	12/08/06		BSZ	
Nickel	10	0.54	mg/kg	12/08/06		BSZ	
Selenium	ND	0.54	mg/kg	12/08/06		BSZ	
Silver	ND	0.11	mg/kg	12/08/06		BSZ	
Thallium	ND	0.27	mg/kg	12/08/06		BSZ	
Zinc	71	0.54	mg/kg	12/08/06		BSZ	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	12/05/06		AM	
(12) 841061130-12							
Date Collected: 11/30/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.59	mg/kg	12/06/06	12:23	DDD	
Trace Metals by 6010B							
Antimony	ND	0.59	mg/kg	12/08/06		BSZ	
Arsenic	1.8	0.59	mg/kg	12/11/06		BSZ	
Barium	26	0.59	mg/kg	12/08/06		BSZ	
Beryllium	0.16	0.059	mg/kg	12/08/06		BSZ	
Cadmium	0.13	0.12	mg/kg	12/08/06		BSZ	
Chromium	7.4	0.59	mg/kg	12/08/06		BSZ	
Copper	20	0.59	mg/kg	12/08/06		BSZ	
Lead	25	0.23	mg/kg	12/11/06		BSZ	
Nickel	2.6	0.59	mg/kg	12/08/06		BSZ	
Selenium	ND	0.59	mg/kg	12/08/06		BSZ	
Silver	ND	0.12	mg/kg	12/08/06		BSZ	
Thallium	ND	0.29	mg/kg	12/08/06		BSZ	
Zinc	14	0.59	mg/kg	12/08/06		BSZ	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612052
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(12) 841061130-12 (continued)						
Date Collected: 11/30/2006 Matrix: Solid						
Mercury by SW-846 7471 in SW	0.065	0.023	mg/kg	12/05/06	AM	
(13) 841061130-13						
Date Collected: 11/30/2006 Matrix: Solid						
Cyanide, Total, by SW-846 9012	ND	0.55	mg/kg	12/06/06	DDD	
Trace Metals by 6010B						
Antimony	ND	0.55	mg/kg	12/08/06	BSZ	
Arsenic	ND	0.55	mg/kg	12/08/06	BSZ	
Barium	18	0.55	mg/kg	12/08/06	BSZ	
Beryllium	0.12	0.055	mg/kg	12/08/06	BSZ	
Cadmium	0.16	0.11	mg/kg	12/08/06	BSZ	
Chromium	2.2	0.55	mg/kg	12/08/06	BSZ	
Copper	5.0	0.55	mg/kg	12/08/06	BSZ	
Lead	9.2	0.22	mg/kg	12/11/06	BSZ	
Nickel	3.2	0.55	mg/kg	12/08/06	BSZ	
Selenium	ND	0.55	mg/kg	12/08/06	BSZ	
Silver	ND	0.11	mg/kg	12/08/06	BSZ	
Thallium	ND	0.27	mg/kg	12/08/06	BSZ	
Zinc	14	0.55	mg/kg	12/08/06	BSZ	
Mercury by SW-846 7471 in SW	ND	0.022	mg/kg	12/05/06	AM	
(14) 841061130-14						
Date Collected: 11/30/2006 Matrix: Solid						
Cyanide, Total, by SW-846 9012	ND	0.55	mg/kg	12/06/06	DDD	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612052
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(14) 841061130-14 (continued)						
Date Collected: 11/30/2006 Matrix: Solid						
Trace Metals by 6010B						
Antimony	ND	0.55	mg/kg	12/08/06	BSZ	
Arsenic	ND	0.55	mg/kg	12/08/06	BSZ	
Barium	11	0.55	mg/kg	12/08/06	BSZ	
Beryllium	0.17	0.055	mg/kg	12/08/06	BSZ	
Cadmium	ND	0.11	mg/kg	12/11/06	BSZ	
Chromium	5.5	0.55	mg/kg	12/08/06	BSZ	
Copper	2.9	0.55	mg/kg	12/08/06	BSZ	
Lead	2.6	0.22	mg/kg	12/11/06	BSZ	
Nickel	1.8	0.55	mg/kg	12/08/06	BSZ	
Selenium	ND	0.55	mg/kg	12/08/06	BSZ	
Silver	ND	0.11	mg/kg	12/08/06	BSZ	
Thallium	ND	0.27	mg/kg	12/08/06	BSZ	
Zinc	6.3	0.55	mg/kg	12/08/06	BSZ	
Mercury by SW-846 7471 in SW	ND	0.022	mg/kg	12/05/06	AM	
(15) 841061130-15						
Date Collected: 11/30/2006 Matrix: Solid						
Cyanide, Total, by SW-846 9012	ND	0.56	mg/kg	12/06/06	DDD	
Trace Metals by 6010B						
Antimony	ND	0.56	mg/kg	12/08/06	BSZ	
Arsenic	ND	0.56	mg/kg	12/08/06	BSZ	
Barium	14	0.56	mg/kg	12/08/06	BSZ	
Beryllium	0.24	0.056	mg/kg	12/08/06	BSZ	
Cadmium	0.15	0.11	mg/kg	12/08/06	BSZ	
Chromium	6.0	0.56	mg/kg	12/08/06	BSZ	
Copper	2.0	0.56	mg/kg	12/08/06	BSZ	
Lead	3.4	0.23	mg/kg	12/11/06	BSZ	
Nickel	2.0	0.56	mg/kg	12/08/06	BSZ	
Selenium	ND	0.56	mg/kg	12/08/06	BSZ	
Silver	ND	0.11	mg/kg	12/08/06	BSZ	
Thallium	ND	0.28	mg/kg	12/08/06	BSZ	
Zinc	4.0	0.56	mg/kg	12/08/06	BSZ	
Mercury by SW-846 7471 in SW	ND	0.023	mg/kg	12/05/06	AM	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612052
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(16) 841061130-16						
Date Collected: 11/30/2006 Matrix: Solid						
Cyanide, Total, by SW-846 9012	ND	0.53	mg/kg	12/06/06	DDD	
Trace Metals by 6010B						
Antimony	ND	0.53	mg/kg	12/08/06	BSZ	
Arsenic	ND	0.53	mg/kg	12/08/06	BSZ	
Barium	9.2	0.53	mg/kg	12/08/06	BSZ	
Beryllium	0.081	0.053	mg/kg	12/08/06	BSZ	
Cadmium	ND	0.11	mg/kg	12/08/06	BSZ	
Chromium	1.4	0.53	mg/kg	12/08/06	BSZ	
Copper	2.5	0.53	mg/kg	12/08/06	BSZ	
Lead	1.5	0.21	mg/kg	12/11/06	BSZ	
Nickel	6.5	0.53	mg/kg	12/08/06	BSZ	
Selenium	ND	0.53	mg/kg	12/08/06	BSZ	
Silver	ND	0.11	mg/kg	12/08/06	BSZ	
Thallium	ND	0.27	mg/kg	12/08/06	BSZ	
Zinc	4.2	0.53	mg/kg	12/08/06	BSZ	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	12/05/06	AM	
(17) 841061130-17						
Date Collected: 11/30/2006 Matrix: Solid						
Cyanide, Total, by SW-846 9012	ND	0.55	mg/kg	12/06/06	DDD	
Trace Metals by 6010B						
Antimony	ND	0.55	mg/kg	12/08/06	BSZ	
Arsenic	ND	0.55	mg/kg	12/08/06	BSZ	
Barium	17	0.55	mg/kg	12/08/06	BSZ	
Beryllium	0.15	0.055	mg/kg	12/08/06	BSZ	
Cadmium	ND	0.11	mg/kg	12/08/06	BSZ	
Chromium	5.7	0.55	mg/kg	12/08/06	BSZ	
Copper	25	0.55	mg/kg	12/08/06	BSZ	
Lead	4.7	0.22	mg/kg	12/11/06	BSZ	
Nickel	2.0	0.55	mg/kg	12/08/06	BSZ	
Selenium	ND	0.55	mg/kg	12/08/06	BSZ	
Silver	ND	0.11	mg/kg	12/08/06	BSZ	
Thallium	ND	0.28	mg/kg	12/08/06	BSZ	
Zinc	16	0.55	mg/kg	12/08/06	BSZ	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612052
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(17) 841061130-17 (continued)						
Date Collected: 11/30/2006 Matrix: Solid						
Mercury by SW-846 7471 in SW	ND	0.022	mg/kg	12/05/06	AM	

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	1	Sample Description:	841061130-01
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	5.8
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	6200	ug/kg
C9-C12 Aliphatics**	50	ND	6200	ug/kg
C9-C10 Aromatics***	50	ND	6200	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	102	70%-130%
2,5-dibromotoluene #2	111	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	310	ug/kg
Ethylbenzene	ND	310	ug/kg
Methyl tert-butyl ether (MTBE)	ND	62	ug/kg
Naphthalene	ND	310	ug/kg
Toluene	ND	310	ug/kg
m,p-Xylenes	ND	310	ug/kg
o-Xylene	ND	310	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 1

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-01

Matrix: Solid
Percent Moisture: 5.8
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28531.D;J28747.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	21
71-43-2	Benzene	ND	5.3
108-86-1	Bromobenzene	ND	5.3
74-97-5	Bromochloromethane	ND	5.3
75-27-4	Bromodichloromethane	ND	5.3
75-25-2	Bromoform	ND	5.3
74-83-9	Bromomethane	ND	10
78-93-3	2-Butanone (MEK)	ND	10
104-51-8	n-Butylbenzene	ND	5.3
135-98-8	sec-Butylbenzene	ND	5.3
98-06-6	tert-Butylbenzene	ND	5.3
75-15-0	Carbon disulfide	ND	5.3
56-23-5	Carbon tetrachloride	ND	5.3
108-90-7	Chlorobenzene	ND	5.3
75-00-3	Chloroethane	ND	10
67-66-3	Chloroform	ND	5.3
74-87-3	Chloromethane	ND	10
95-49-8	2-Chlorotoluene	ND	5.3
106-43-4	4-Chlorotoluene	ND	5.3
108-20-3	Di-isopropyl ether (DIPE)	ND	53
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.3
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.2
74-95-3	Dibromomethane	ND	5.3
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.3
106-46-7	1,4-Dichlorobenzene	ND	5.3
75-71-8	Dichlorodifluoromethane	ND	10
75-34-3	1,1-Dichloroethane	ND	5.3
107-06-2	1,2-Dichloroethane	ND	5.3
75-35-4	1,1-Dichloroethene	ND	5.3
156-59-2	cis-1,2-Dichloroethene	ND	5.3
156-60-5	trans-1,2-Dichloroethene	ND	5.3
78-87-5	1,2-Dichloropropane	ND	5.3
142-28-9	1,3-Dichloropropane	ND	5.3
590-20-7	2,2-Dichloropropane	ND	5.3
563-58-6	1,1-Dichloropropene	ND	5.3
10061-01-5	cis-1,3-Dichloropropene	ND	5.3
10061-02-6	trans-1,3-Dichloropropene	ND	5.3
60-29-7	Diethyl ether	ND	10
123-91-1	1,4-Dioxane	ND	21

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 1 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-01

Matrix: Solid
Percent Moisture: 5.8
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28531.D;J28747.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	53
100-41-4	Ethylbenzene	ND	5.3
87-68-3	Hexachlorobutadiene	ND	5.3
591-78-6	2-Hexanone	ND	10
98-82-8	Isopropylbenzene	ND	5.3
99-87-6	4-Isopropyltoluene	ND	5.3
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10
75-09-2	Methylene chloride	ND	5.3
91-20-3	Naphthalene	ND	5.3
103-65-1	n-Propylbenzene	ND	5.3
100-42-5	Styrene	ND	5.3
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	53
109-99-9	Tetrahydrofuran	ND	5.3
96-18-4	1,2,3-Trichloropropane	ND	5.3
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.3
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	ND	5.3
108-88-3	Toluene	ND	5.3
87-61-6	1,2,3-Trichlorobenzene	ND	5.3
120-82-1	1,2,4-Trichlorobenzene	ND	5.3
71-55-6	1,1,1-Trichloroethane	ND	5.3
79-00-5	1,1,2-Trichloroethane	ND	5.3
79-01-6	Trichloroethene (TCE)	ND	5.3
75-69-4	Trichlorofluoromethane	ND	10
95-63-6	1,2,4-Trimethylbenzene	ND	5.3
108-67-8	1,3,5-Trimethylbenzene	ND	5.3
75-01-4	Vinyl chloride	ND	10
95-47-6	o-Xylene	ND	5.3
	m,p-Xylenes	ND	5.3

Surrogate	Recovery	Limits
Bromofluorobenzene	86%	78%-111%
1,2-Dichloroethane-d4	102%	91%-114%
Toluene-d8	102%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	2	Sample Description:	841061130-02
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	11.0
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	6500	ug/kg
C9-C12 Aliphatics**	50	ND	6500	ug/kg
C9-C10 Aromatics***	50	ND	6500	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	98	70%-130%
2,5-dibromotoluene #2	108	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	330	ug/kg
Ethylbenzene	ND	330	ug/kg
Methyl tert-butyl ether (MTBE)	ND	65	ug/kg
Naphthalene	ND	330	ug/kg
Toluene	ND	330	ug/kg
m,p-Xylenes	ND	330	ug/kg
o-Xylene	ND	330	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 2

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-02

Matrix: Solid
Percent Moisture: 11.0
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28532.D;J28748.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	22
71-43-2	Benzene	ND	5.6
108-86-1	Bromobenzene	ND	5.6
74-97-5	Bromochloromethane	ND	5.6
75-27-4	Bromodichloromethane	ND	5.6
75-25-2	Bromoform	ND	5.6
74-83-9	Bromomethane	ND	11
78-93-3	2-Butanone (MEK)	ND	11
104-51-8	n-Butylbenzene	ND	5.6
135-98-8	sec-Butylbenzene	ND	5.6
98-06-6	tert-Butylbenzene	ND	5.6
75-15-0	Carbon disulfide	ND	5.6
56-23-5	Carbon tetrachloride	ND	5.6
108-90-7	Chlorobenzene	ND	5.6
75-00-3	Chloroethane	ND	11
67-66-3	Chloroform	ND	5.6
74-87-3	Chloromethane	ND	11
95-49-8	2-Chlorotoluene	ND	5.6
106-43-4	4-Chlorotoluene	ND	5.6
108-20-3	Di-isopropyl ether (DIPE)	ND	56
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.6
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.4
74-95-3	Dibromomethane	ND	5.6
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.6
106-46-7	1,4-Dichlorobenzene	ND	5.6
75-71-8	Dichlorodifluoromethane	ND	11
75-34-3	1,1-Dichloroethane	ND	5.6
107-06-2	1,2-Dichloroethane	ND	5.6
75-35-4	1,1-Dichloroethene	ND	5.6
156-59-2	cis-1,2-Dichloroethene	ND	5.6
156-60-5	trans-1,2-Dichloroethene	ND	5.6
78-87-5	1,2-Dichloropropane	ND	5.6
142-28-9	1,3-Dichloropropane	ND	5.6
590-20-7	2,2-Dichloropropane	ND	5.6
563-58-6	1,1-Dichloropropene	ND	5.6
10061-01-5	cis-1,3-Dichloropropene	ND	5.6
10061-02-6	trans-1,3-Dichloropropene	ND	5.6
60-29-7	Diethyl ether	ND	11
123-91-1	1,4-Dioxane	ND	22

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 2 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-02

Matrix: Solid
Percent Moisture: 11.0
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28532.D;J28748.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	56
100-41-4	Ethylbenzene	ND	5.6
87-68-3	Hexachlorobutadiene	ND	5.6
591-78-6	2-Hexanone	ND	11
98-82-8	Isopropylbenzene	ND	5.6
99-87-6	4-Isopropyltoluene	ND	5.6
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	11
75-09-2	Methylene chloride	ND	5.6
91-20-3	Naphthalene	ND	5.6
103-65-1	n-Propylbenzene	ND	5.6
100-42-5	Styrene	ND	5.6
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	56
109-99-9	Tetrahydrofuran	ND	5.6
96-18-4	1,2,3-Trichloropropane	ND	5.6
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.6
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	ND	5.6
108-88-3	Toluene	ND	5.6
87-61-6	1,2,3-Trichlorobenzene	ND	5.6
120-82-1	1,2,4-Trichlorobenzene	ND	5.6
71-55-6	1,1,1-Trichloroethane	ND	5.6
79-00-5	1,1,2-Trichloroethane	ND	5.6
79-01-6	Trichloroethene (TCE)	ND	5.6
75-69-4	Trichlorofluoromethane	ND	11
95-63-6	1,2,4-Trimethylbenzene	ND	5.6
108-67-8	1,3,5-Trimethylbenzene	ND	5.6
75-01-4	Vinyl chloride	ND	11
95-47-6	o-Xylene	ND	5.6
	m,p-Xylenes	ND	5.6

Surrogate	Recovery	Limits
Bromofluorobenzene	97%	78%-111%
1,2-Dichloroethane-d4	102%	91%-114%
Toluene-d8	94%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	3	Sample Description:	841061130-03
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	10.7
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	6900	ug/kg
C9-C12 Aliphatics**	50	ND	6900	ug/kg
C9-C10 Aromatics***	50	ND	6900	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	96	70%-130%
2,5-dibromotoluene #2	105	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	350	ug/kg
Ethylbenzene	ND	350	ug/kg
Methyl tert-butyl ether (MTBE)	ND	69	ug/kg
Naphthalene	ND	350	ug/kg
Toluene	ND	350	ug/kg
m,p-Xylenes	ND	350	ug/kg
o-Xylene	ND	350	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 3

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-03

Matrix: Solid
Percent Moisture: 10.7
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28533.D;J28749.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	20
71-43-2	Benzene	ND	5.1
108-86-1	Bromobenzene	ND	5.1
74-97-5	Bromochloromethane	ND	5.1
75-27-4	Bromodichloromethane	ND	5.1
75-25-2	Bromoform	ND	5.1
74-83-9	Bromomethane	ND	10
78-93-3	2-Butanone (MEK)	ND	10
104-51-8	n-Butylbenzene	ND	5.1
135-98-8	sec-Butylbenzene	ND	5.1
98-06-6	tert-Butylbenzene	ND	5.1
75-15-0	Carbon disulfide	ND	5.1
56-23-5	Carbon tetrachloride	ND	5.1
108-90-7	Chlorobenzene	ND	5.1
75-00-3	Chloroethane	ND	10
67-66-3	Chloroform	ND	5.1
74-87-3	Chloromethane	ND	10
95-49-8	2-Chlorotoluene	ND	5.1
106-43-4	4-Chlorotoluene	ND	5.1
108-20-3	Di-isopropyl ether (DIPE)	ND	51
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.1
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.1
74-95-3	Dibromomethane	ND	5.1
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.1
106-46-7	1,4-Dichlorobenzene	ND	5.1
75-71-8	Dichlorodifluoromethane	ND	10
75-34-3	1,1-Dichloroethane	ND	5.1
107-06-2	1,2-Dichloroethane	ND	5.1
75-35-4	1,1-Dichloroethene	ND	5.1
156-59-2	cis-1,2-Dichloroethene	ND	5.1
156-60-5	trans-1,2-Dichloroethene	ND	5.1
78-87-5	1,2-Dichloropropane	ND	5.1
142-28-9	1,3-Dichloropropane	ND	5.1
590-20-7	2,2-Dichloropropane	ND	5.1
563-58-6	1,1-Dichloropropene	ND	5.1
10061-01-5	cis-1,3-Dichloropropene	ND	5.1
10061-02-6	trans-1,3-Dichloropropene	ND	5.1
60-29-7	Diethyl ether	ND	10
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 3 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-03

Matrix: Solid
Percent Moisture: 10.7
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28533.D;J28749.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	51
100-41-4	Ethylbenzene	ND	5.1
87-68-3	Hexachlorobutadiene	ND	5.1
591-78-6	2-Hexanone	ND	10
98-82-8	Isopropylbenzene	ND	5.1
99-87-6	4-Isopropyltoluene	ND	5.1
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.1
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10
75-09-2	Methylene chloride	ND	5.1
91-20-3	Naphthalene	ND	5.1
103-65-1	n-Propylbenzene	ND	5.1
100-42-5	Styrene	ND	5.1
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	51
109-99-9	Tetrahydrofuran	ND	5.1
96-18-4	1,2,3-Trichloropropane	ND	5.1
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.1
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	ND	5.1
108-88-3	Toluene	17	5.1
87-61-6	1,2,3-Trichlorobenzene	ND	5.1
120-82-1	1,2,4-Trichlorobenzene	ND	5.1
71-55-6	1,1,1-Trichloroethane	ND	5.1
79-00-5	1,1,2-Trichloroethane	ND	5.1
79-01-6	Trichloroethene (TCE)	ND	5.1
75-69-4	Trichlorofluoromethane	ND	10
95-63-6	1,2,4-Trimethylbenzene	ND	5.1
108-67-8	1,3,5-Trimethylbenzene	ND	5.1
75-01-4	Vinyl chloride	ND	10
95-47-6	o-Xylene	ND	5.1
	m,p-Xylenes	7.0	5.1

Surrogate	Recovery	Limits
Bromofluorobenzene	89%	78%-111%
1,2-Dichloroethane-d4	103%	91%-114%
Toluene-d8	101%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	4	Sample Description:	841061130-04
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	15.8
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	8800	ug/kg
C9-C12 Aliphatics**	50	ND	8800	ug/kg
C9-C10 Aromatics***	50	ND	8800	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	105	70%-130%
2,5-dibromotoluene #2	112	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	440	ug/kg
Ethylbenzene	ND	440	ug/kg
Methyl tert-butyl ether (MTBE)	ND	88	ug/kg
Naphthalene	ND	440	ug/kg
Toluene	ND	440	ug/kg
m,p-Xylenes	ND	440	ug/kg
o-Xylene	ND	440	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 4

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/04/06 By: GP
Method: 8260B
QC Batch#: 50061
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-04

Matrix: Solid
Percent Moisture: 15.8
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28510.D;J28750.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	23
71-43-2	Benzene	ND	5.8
108-86-1	Bromobenzene	ND	5.8
74-97-5	Bromochloromethane	ND	5.8
75-27-4	Bromodichloromethane	ND	5.8
75-25-2	Bromoform	ND	5.8
74-83-9	Bromomethane	ND	12
78-93-3	2-Butanone (MEK)	ND	12
104-51-8	n-Butylbenzene	ND	5.8
135-98-8	sec-Butylbenzene	ND	5.8
98-06-6	tert-Butylbenzene	ND	5.8
75-15-0	Carbon disulfide	ND	5.8
56-23-5	Carbon tetrachloride	ND	5.8
108-90-7	Chlorobenzene	ND	5.8
75-00-3	Chloroethane	ND	12
67-66-3	Chloroform	ND	5.8
74-87-3	Chloromethane	ND	12
95-49-8	2-Chlorotoluene	ND	5.8
106-43-4	4-Chlorotoluene	ND	5.8
108-20-3	Di-isopropyl ether (DIPE)	ND	58
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.8
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.5
74-95-3	Dibromomethane	ND	5.8
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.8
106-46-7	1,4-Dichlorobenzene	ND	5.8
75-71-8	Dichlorodifluoromethane	ND	12
75-34-3	1,1-Dichloroethane	ND	5.8
107-06-2	1,2-Dichloroethane	ND	5.8
75-35-4	1,1-Dichloroethene	ND	5.8
156-59-2	cis-1,2-Dichloroethene	ND	5.8
156-60-5	trans-1,2-Dichloroethene	ND	5.8
78-87-5	1,2-Dichloropropane	ND	5.8
142-28-9	1,3-Dichloropropane	ND	5.8
590-20-7	2,2-Dichloropropane	ND	5.8
563-58-6	1,1-Dichloropropene	ND	5.8
10061-01-5	cis-1,3-Dichloropropene	ND	5.8
10061-02-6	trans-1,3-Dichloropropene	ND	5.8
60-29-7	Diethyl ether	ND	12
123-91-1	1,4-Dioxane	ND	23

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 4 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/04/06 By: GP
Method: 8260B
QC Batch#: 50061
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-04

Matrix: Solid
Percent Moisture: 15.8
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28510.D;J28750.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	58
100-41-4	Ethylbenzene	ND	5.8
87-68-3	Hexachlorobutadiene	ND	5.8
591-78-6	2-Hexanone	ND	12
98-82-8	Isopropylbenzene	ND	5.8
99-87-6	4-Isopropyltoluene	ND	5.8
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	12
75-09-2	Methylene chloride	ND	5.8
91-20-3	Naphthalene	10	5.8
103-65-1	n-Propylbenzene	ND	5.8
100-42-5	Styrene	ND	5.8
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	58
109-99-9	Tetrahydrofuran	ND	5.8
96-18-4	1,2,3-Trichloropropane	ND	5.8
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.8
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	ND	5.8
108-88-3	Toluene	ND	5.8
87-61-6	1,2,3-Trichlorobenzene	ND	5.8
120-82-1	1,2,4-Trichlorobenzene	ND	5.8
71-55-6	1,1,1-Trichloroethane	ND	5.8
79-00-5	1,1,2-Trichloroethane	ND	5.8
79-01-6	Trichloroethene (TCE)	ND	5.8
75-69-4	Trichlorofluoromethane	ND	12
95-63-6	1,2,4-Trimethylbenzene	ND	5.8
108-67-8	1,3,5-Trimethylbenzene	ND	5.8
75-01-4	Vinyl chloride	ND	12
95-47-6	o-Xylene	ND	5.8
	m,p-Xylenes	ND	5.8

Surrogate	Recovery	Limits
Bromofluorobenzene	96%	78%-111%
1,2-Dichloroethane-d4	103%	91%-114%
Toluene-d8	97%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	5	Sample Description:	841061130-05
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	14.7
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	7900	ug/kg
C9-C12 Aliphatics**	50	ND	7900	ug/kg
C9-C10 Aromatics***	50	ND	7900	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	107	70%-130%
2,5-dibromotoluene #2	112	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	390	ug/kg
Ethylbenzene	ND	390	ug/kg
Methyl tert-butyl ether (MTBE)	ND	79	ug/kg
Naphthalene	ND	390	ug/kg
Toluene	ND	390	ug/kg
m,p-Xylenes	ND	390	ug/kg
o-Xylene	ND	390	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 5

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/04/06 By: GP
Method: 8260B
QC Batch#: 50061
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-05

Matrix: Solid
Percent Moisture: 14.7
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28511.D;M32618.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	21
71-43-2	Benzene	ND	5.3
108-86-1	Bromobenzene	ND	5.3
74-97-5	Bromochloromethane	ND	5.3
75-27-4	Bromodichloromethane	ND	5.3
75-25-2	Bromoform	ND	5.3
74-83-9	Bromomethane	ND	11
78-93-3	2-Butanone (MEK)	ND	11
104-51-8	n-Butylbenzene	ND	5.3
135-98-8	sec-Butylbenzene	ND	5.3
98-06-6	tert-Butylbenzene	ND	5.3
75-15-0	Carbon disulfide	ND	5.3
56-23-5	Carbon tetrachloride	ND	5.3
108-90-7	Chlorobenzene	ND	5.3
75-00-3	Chloroethane	ND	11
67-66-3	Chloroform	ND	5.3
74-87-3	Chloromethane	ND	11
95-49-8	2-Chlorotoluene	ND	5.3
106-43-4	4-Chlorotoluene	ND	5.3
108-20-3	Di-isopropyl ether (DIPE)	ND	53
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.3
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.2
74-95-3	Dibromomethane	ND	5.3
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.3
106-46-7	1,4-Dichlorobenzene	ND	5.3
75-71-8	Dichlorodifluoromethane	ND	11
75-34-3	1,1-Dichloroethane	ND	5.3
107-06-2	1,2-Dichloroethane	ND	5.3
75-35-4	1,1-Dichloroethene	ND	5.3
156-59-2	cis-1,2-Dichloroethene	ND	5.3
156-60-5	trans-1,2-Dichloroethene	ND	5.3
78-87-5	1,2-Dichloropropane	ND	5.3
142-28-9	1,3-Dichloropropane	ND	5.3
590-20-7	2,2-Dichloropropane	ND	5.3
563-58-6	1,1-Dichloropropene	ND	5.3
10061-01-5	cis-1,3-Dichloropropene	ND	5.3
10061-02-6	trans-1,3-Dichloropropene	ND	5.3
60-29-7	Diethyl ether	ND	11
123-91-1	1,4-Dioxane	ND	21

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 5 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/04/06 By: GP
Method: 8260B
QC Batch#: 50061
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-05

Matrix: Solid
Percent Moisture: 14.7
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28511.D;M32618.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	53
100-41-4	Ethylbenzene	ND	5.3
87-68-3	Hexachlorobutadiene	ND	5.3
591-78-6	2-Hexanone	ND	11
98-82-8	Isopropylbenzene	ND	5.3
99-87-6	4-Isopropyltoluene	ND	5.3
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	11
75-09-2	Methylene chloride	ND	5.3
91-20-3	Naphthalene	ND	5.3
103-65-1	n-Propylbenzene	ND	5.3
100-42-5	Styrene	ND	5.3
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	53
109-99-9	Tetrahydrofuran	ND	5.3
96-18-4	1,2,3-Trichloropropane	ND	5.3
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.3
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	28	5.3
108-88-3	Toluene	ND	5.3
87-61-6	1,2,3-Trichlorobenzene	ND	5.3
120-82-1	1,2,4-Trichlorobenzene	ND	5.3
71-55-6	1,1,1-Trichloroethane	ND	5.3
79-00-5	1,1,2-Trichloroethane	ND	5.3
79-01-6	Trichloroethene (TCE)	12	5.3
75-69-4	Trichlorofluoromethane	ND	11
95-63-6	1,2,4-Trimethylbenzene	ND	5.3
108-67-8	1,3,5-Trimethylbenzene	ND	5.3
75-01-4	Vinyl chloride	ND	11
95-47-6	o-Xylene	ND	5.3
	m,p-Xylenes	ND	5.3

Surrogate	Recovery	Limits
Bromofluorobenzene	74%	78%-111%
1,2-Dichloroethane-d4	101%	91%-114%
Toluene-d8	115%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	6	Sample Description:	841061130-06
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	12.3
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	7000	ug/kg
C9-C12 Aliphatics**	50	ND	7000	ug/kg
C9-C10 Aromatics***	50	ND	7000	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	102	70%-130%
2,5-dibromotoluene #2	110	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	350	ug/kg
Ethylbenzene	ND	350	ug/kg
Methyl tert-butyl ether (MTBE)	ND	70	ug/kg
Naphthalene	ND	350	ug/kg
Toluene	ND	350	ug/kg
m,p-Xylenes	ND	350	ug/kg
o-Xylene	ND	350	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 6

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-06

Matrix: Solid
Percent Moisture: 12.3
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28535.D;M32619.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	22
71-43-2	Benzene	ND	5.5
108-86-1	Bromobenzene	ND	5.5
74-97-5	Bromochloromethane	ND	5.5
75-27-4	Bromodichloromethane	ND	5.5
75-25-2	Bromoform	ND	5.5
74-83-9	Bromomethane	ND	11
78-93-3	2-Butanone (MEK)	ND	11
104-51-8	n-Butylbenzene	ND	5.5
135-98-8	sec-Butylbenzene	ND	5.5
98-06-6	tert-Butylbenzene	ND	5.5
75-15-0	Carbon disulfide	ND	5.5
56-23-5	Carbon tetrachloride	ND	5.5
108-90-7	Chlorobenzene	ND	5.5
75-00-3	Chloroethane	ND	11
67-66-3	Chloroform	ND	5.5
74-87-3	Chloromethane	ND	11
95-49-8	2-Chlorotoluene	ND	5.5
106-43-4	4-Chlorotoluene	ND	5.5
108-20-3	Di-isopropyl ether (DIPE)	ND	55
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.5
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.3
74-95-3	Dibromomethane	ND	5.5
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.5
106-46-7	1,4-Dichlorobenzene	ND	5.5
75-71-8	Dichlorodifluoromethane	ND	11
75-34-3	1,1-Dichloroethane	ND	5.5
107-06-2	1,2-Dichloroethane	ND	5.5
75-35-4	1,1-Dichloroethene	ND	5.5
156-59-2	cis-1,2-Dichloroethene	ND	5.5
156-60-5	trans-1,2-Dichloroethene	ND	5.5
78-87-5	1,2-Dichloropropane	ND	5.5
142-28-9	1,3-Dichloropropane	ND	5.5
590-20-7	2,2-Dichloropropane	ND	5.5
563-58-6	1,1-Dichloropropene	ND	5.5
10061-01-5	cis-1,3-Dichloropropene	ND	5.5
10061-02-6	trans-1,3-Dichloropropene	ND	5.5
60-29-7	Diethyl ether	ND	11
123-91-1	1,4-Dioxane	ND	22

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 6 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-06

Matrix: Solid
Percent Moisture: 12.3
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28535.D;M32619.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	55
100-41-4	Ethylbenzene	ND	5.5
87-68-3	Hexachlorobutadiene	ND	5.5
591-78-6	2-Hexanone	ND	11
98-82-8	Isopropylbenzene	ND	5.5
99-87-6	4-Isopropyltoluene	ND	5.5
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	11
75-09-2	Methylene chloride	ND	5.5
91-20-3	Naphthalene	ND	5.5
103-65-1	n-Propylbenzene	ND	5.5
100-42-5	Styrene	ND	5.5
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	55
109-99-9	Tetrahydrofuran	ND	5.5
96-18-4	1,2,3-Trichloropropane	ND	5.5
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.5
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	45	5.5
108-88-3	Toluene	ND	5.5
87-61-6	1,2,3-Trichlorobenzene	ND	5.5
120-82-1	1,2,4-Trichlorobenzene	ND	5.5
71-55-6	1,1,1-Trichloroethane	ND	5.5
79-00-5	1,1,2-Trichloroethane	ND	5.5
79-01-6	Trichloroethene (TCE)	21	5.5
75-69-4	Trichlorofluoromethane	ND	11
95-63-6	1,2,4-Trimethylbenzene	ND	5.5
108-67-8	1,3,5-Trimethylbenzene	ND	5.5
75-01-4	Vinyl chloride	ND	11
95-47-6	o-Xylene	ND	5.5
	m,p-Xylenes	ND	5.5

Surrogate	Recovery	Limits
Bromofluorobenzene	84%	78%-111%
1,2-Dichloroethane-d4	108%	91%-114%
Toluene-d8	104%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	7	Sample Description:	841061130-07
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	12.3
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	7000	ug/kg
C9-C12 Aliphatics**	50	ND	7000	ug/kg
C9-C10 Aromatics***	50	ND	7000	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	101	70%-130%
2,5-dibromotoluene #2	107	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	350	ug/kg
Ethylbenzene	ND	350	ug/kg
Methyl tert-butyl ether (MTBE)	ND	70	ug/kg
Naphthalene	ND	350	ug/kg
Toluene	ND	350	ug/kg
m,p-Xylenes	ND	350	ug/kg
o-Xylene	ND	350	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 7

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/06/06 By: GP
Method: 8260B
QC Batch#: 51012
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-07

Matrix: Solid
Percent Moisture: 12.3
Sample Weight/Volume:
Dilution Factor: 100
Soil Extract Volume:
Lab Data File: M32519.D;M32620.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	2300
71-43-2	Benzene	ND	570
108-86-1	Bromobenzene	ND	570
74-97-5	Bromochloromethane	ND	570
75-27-4	Bromodichloromethane	ND	570
75-25-2	Bromoform	ND	570
74-83-9	Bromomethane	ND	1100
78-93-3	2-Butanone (MEK)	ND	1100
104-51-8	n-Butylbenzene	ND	570
135-98-8	sec-Butylbenzene	ND	570
98-06-6	tert-Butylbenzene	ND	570
75-15-0	Carbon disulfide	ND	570
56-23-5	Carbon tetrachloride	ND	570
108-90-7	Chlorobenzene	ND	570
75-00-3	Chloroethane	ND	1100
67-66-3	Chloroform	ND	570
74-87-3	Chloromethane	ND	1100
95-49-8	2-Chlorotoluene	ND	570
106-43-4	4-Chlorotoluene	ND	570
108-20-3	Di-isopropyl ether (DIPE)	ND	57
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	570
124-48-1	Dibromochloromethane	ND	570
106-93-4	1,2-Dibromoethane (EDB)	ND	340
74-95-3	Dibromomethane	ND	570
95-50-1	1,2-Dichlorobenzene	ND	570
541-73-1	1,3-Dichlorobenzene	ND	570
106-46-7	1,4-Dichlorobenzene	ND	570
75-71-8	Dichlorodifluoromethane	ND	1100
75-34-3	1,1-Dichloroethane	ND	570
107-06-2	1,2-Dichloroethane	ND	570
75-35-4	1,1-Dichloroethene	ND	570
156-59-2	cis-1,2-Dichloroethene	ND	570
156-60-5	trans-1,2-Dichloroethene	ND	570
78-87-5	1,2-Dichloropropane	ND	570
142-28-9	1,3-Dichloropropane	ND	570
590-20-7	2,2-Dichloropropane	ND	570
563-58-6	1,1-Dichloropropene	ND	570
10061-01-5	cis-1,3-Dichloropropene	ND	570
10061-02-6	trans-1,3-Dichloropropene	ND	570
60-29-7	Diethyl ether	ND	1100
123-91-1	1,4-Dioxane	ND	2300

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 7 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/06/06 By: GP
Method: 8260B
QC Batch#: 51012
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-07

Matrix: Solid
Percent Moisture: 12.3
Sample Weight/Volume:
Dilution Factor: 100
Soil Extract Volume:
Lab Data File: M32519.D;M32620.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	57
100-41-4	Ethylbenzene	ND	570
87-68-3	Hexachlorobutadiene	ND	570
591-78-6	2-Hexanone	ND	1100
98-82-8	Isopropylbenzene	ND	570
99-87-6	4-Isopropyltoluene	ND	570
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	570
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	1100
75-09-2	Methylene chloride	ND	570
91-20-3	Naphthalene	ND	570
103-65-1	n-Propylbenzene	ND	570
100-42-5	Styrene	ND	570
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	57
109-99-9	Tetrahydrofuran	ND	570
96-18-4	1,2,3-Trichloropropane	ND	570
630-20-6	1,1,1,2-Tetrachloroethane	ND	570
79-34-5	1,1,2,2-Tetrachloroethane	ND	570
127-18-4	Tetrachloroethene (PCE)	15000	570
108-88-3	Toluene	ND	570
87-61-6	1,2,3-Trichlorobenzene	ND	570
120-82-1	1,2,4-Trichlorobenzene	ND	570
71-55-6	1,1,1-Trichloroethane	ND	570
79-00-5	1,1,2-Trichloroethane	ND	570
79-01-6	Trichloroethene (TCE)	19000	570
75-69-4	Trichlorofluoromethane	ND	1100
95-63-6	1,2,4-Trimethylbenzene	ND	570
108-67-8	1,3,5-Trimethylbenzene	ND	570
75-01-4	Vinyl chloride	ND	1100
95-47-6	o-Xylene	ND	570
	m,p-Xylenes	ND	570

Surrogate	Recovery	Limits
Bromofluorobenzene	90%	78%-111%
1,2-Dichloroethane-d4	99%	91%-114%
Toluene-d8	104%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	8	Sample Description:	841061130-08
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	11.7
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	6900	ug/kg
C9-C12 Aliphatics**	50	ND	6900	ug/kg
C9-C10 Aromatics***	50	ND	6900	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	95	70%-130%
2,5-dibromotoluene #2	99	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	340	ug/kg
Ethylbenzene	ND	340	ug/kg
Methyl tert-butyl ether (MTBE)	ND	69	ug/kg
Naphthalene	ND	340	ug/kg
Toluene	ND	340	ug/kg
m,p-Xylenes	ND	340	ug/kg
o-Xylene	ND	340	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 8

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/07/06 By: GP
Method: 8260B
QC Batch#: 51101
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-08

Matrix: Solid
Percent Moisture: 11.7
Sample Weight/Volume:
Dilution Factor: 200
Soil Extract Volume:
Lab Data File: J28611.D;M32621.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	4500
71-43-2	Benzene	ND	1100
108-86-1	Bromobenzene	ND	1100
74-97-5	Bromochloromethane	ND	1100
75-27-4	Bromodichloromethane	ND	1100
75-25-2	Bromoform	ND	1100
74-83-9	Bromomethane	ND	2300
78-93-3	2-Butanone (MEK)	ND	2300
104-51-8	n-Butylbenzene	ND	1100
135-98-8	sec-Butylbenzene	ND	1100
98-06-6	tert-Butylbenzene	ND	1100
75-15-0	Carbon disulfide	ND	1100
56-23-5	Carbon tetrachloride	ND	1100
108-90-7	Chlorobenzene	ND	1100
75-00-3	Chloroethane	ND	2300
67-66-3	Chloroform	ND	1100
74-87-3	Chloromethane	ND	2300
95-49-8	2-Chlorotoluene	ND	1100
106-43-4	4-Chlorotoluene	ND	1100
108-20-3	Di-isopropyl ether (DIPE)	ND	57
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	1100
124-48-1	Dibromochloromethane	ND	1100
106-93-4	1,2-Dibromoethane (EDB)	ND	680
74-95-3	Dibromomethane	ND	1100
95-50-1	1,2-Dichlorobenzene	ND	1100
541-73-1	1,3-Dichlorobenzene	ND	1100
106-46-7	1,4-Dichlorobenzene	ND	1100
75-71-8	Dichlorodifluoromethane	ND	2300
75-34-3	1,1-Dichloroethane	ND	1100
107-06-2	1,2-Dichloroethane	ND	1100
75-35-4	1,1-Dichloroethene	ND	1100
156-59-2	cis-1,2-Dichloroethene	ND	1100
156-60-5	trans-1,2-Dichloroethene	ND	1100
78-87-5	1,2-Dichloropropane	ND	1100
142-28-9	1,3-Dichloropropane	ND	1100
590-20-7	2,2-Dichloropropane	ND	1100
563-58-6	1,1-Dichloropropene	ND	1100
10061-01-5	cis-1,3-Dichloropropene	ND	1100
10061-02-6	trans-1,3-Dichloropropene	ND	1100
60-29-7	Diethyl ether	ND	2300
123-91-1	1,4-Dioxane	ND	4500

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 8 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/07/06 By: GP
Method: 8260B
QC Batch#: 51101
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-08

Matrix: Solid
Percent Moisture: 11.7
Sample Weight/Volume:
Dilution Factor: 200
Soil Extract Volume:
Lab Data File: J28611.D;M32621.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	57
100-41-4	Ethylbenzene	ND	1100
87-68-3	Hexachlorobutadiene	ND	1100
591-78-6	2-Hexanone	ND	2300
98-82-8	Isopropylbenzene	ND	1100
99-87-6	4-Isopropyltoluene	ND	1100
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1100
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2300
75-09-2	Methylene chloride	ND	1100
91-20-3	Naphthalene	ND	1100
103-65-1	n-Propylbenzene	ND	1100
100-42-5	Styrene	ND	1100
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	57
109-99-9	Tetrahydrofuran	ND	1100
96-18-4	1,2,3-Trichloropropane	ND	1100
630-20-6	1,1,1,2-Tetrachloroethane	ND	1100
79-34-5	1,1,2,2-Tetrachloroethane	ND	1100
127-18-4	Tetrachloroethene (PCE)	20000	1100
108-88-3	Toluene	ND	1100
87-61-6	1,2,3-Trichlorobenzene	ND	1100
120-82-1	1,2,4-Trichlorobenzene	ND	1100
71-55-6	1,1,1-Trichloroethane	ND	1100
79-00-5	1,1,2-Trichloroethane	ND	1100
79-01-6	Trichloroethene (TCE)	31000	1100
75-69-4	Trichlorofluoromethane	ND	2300
95-63-6	1,2,4-Trimethylbenzene	ND	1100
108-67-8	1,3,5-Trimethylbenzene	ND	1100
75-01-4	Vinyl chloride	ND	2300
95-47-6	o-Xylene	ND	1100
	m,p-Xylenes	ND	1100

Surrogate	Recovery	Limits
Bromofluorobenzene	88%	87%-105%
1,2-Dichloroethane-d4	102%	91%-109%
Toluene-d8	97%	92%-105%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	9	Sample Description:	841061130-09
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	5.6
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	5900	ug/kg
C9-C12 Aliphatics**	50	ND	5900	ug/kg
C9-C10 Aromatics***	50	ND	5900	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	93	70%-130%
2,5-dibromotoluene #2	98	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	290	ug/kg
Ethylbenzene	ND	290	ug/kg
Methyl tert-butyl ether (MTBE)	ND	59	ug/kg
Naphthalene	ND	290	ug/kg
Toluene	ND	290	ug/kg
m,p-Xylenes	ND	290	ug/kg
o-Xylene	ND	290	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 9

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-09

Matrix: Solid
Percent Moisture: 5.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28536.D;M32622.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	20
71-43-2	Benzene	ND	5.0
108-86-1	Bromobenzene	ND	5.0
74-97-5	Bromochloromethane	ND	5.0
75-27-4	Bromodichloromethane	ND	5.0
75-25-2	Bromoform	ND	5.0
74-83-9	Bromomethane	ND	10
78-93-3	2-Butanone (MEK)	ND	10
104-51-8	n-Butylbenzene	ND	5.0
135-98-8	sec-Butylbenzene	ND	5.0
98-06-6	tert-Butylbenzene	ND	5.0
75-15-0	Carbon disulfide	ND	5.0
56-23-5	Carbon tetrachloride	ND	5.0
108-90-7	Chlorobenzene	ND	5.0
75-00-3	Chloroethane	ND	10
67-66-3	Chloroform	ND	5.0
74-87-3	Chloromethane	ND	10
95-49-8	2-Chlorotoluene	ND	5.0
106-43-4	4-Chlorotoluene	ND	5.0
108-20-3	Di-isopropyl ether (DIPE)	ND	50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.0
74-95-3	Dibromomethane	ND	5.0
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.0
106-46-7	1,4-Dichlorobenzene	ND	5.0
75-71-8	Dichlorodifluoromethane	ND	10
75-34-3	1,1-Dichloroethane	ND	5.0
107-06-2	1,2-Dichloroethane	ND	5.0
75-35-4	1,1-Dichloroethene	ND	5.0
156-59-2	cis-1,2-Dichloroethene	ND	5.0
156-60-5	trans-1,2-Dichloroethene	ND	5.0
78-87-5	1,2-Dichloropropane	ND	5.0
142-28-9	1,3-Dichloropropane	ND	5.0
590-20-7	2,2-Dichloropropane	ND	5.0
563-58-6	1,1-Dichloropropene	ND	5.0
10061-01-5	cis-1,3-Dichloropropene	ND	5.0
10061-02-6	trans-1,3-Dichloropropene	ND	5.0
60-29-7	Diethyl ether	ND	10
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 9 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-09

Matrix: Solid
Percent Moisture: 5.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28536.D;M32622.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	50
100-41-4	Ethylbenzene	ND	5.0
87-68-3	Hexachlorobutadiene	ND	5.0
591-78-6	2-Hexanone	ND	10
98-82-8	Isopropylbenzene	ND	5.0
99-87-6	4-Isopropyltoluene	ND	5.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	5.0
103-65-1	n-Propylbenzene	ND	5.0
100-42-5	Styrene	ND	5.0
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	50
109-99-9	Tetrahydrofuran	ND	5.0
96-18-4	1,2,3-Trichloropropane	ND	5.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	110	5.0
108-88-3	Toluene	ND	5.0
87-61-6	1,2,3-Trichlorobenzene	ND	5.0
120-82-1	1,2,4-Trichlorobenzene	ND	5.0
71-55-6	1,1,1-Trichloroethane	ND	5.0
79-00-5	1,1,2-Trichloroethane	ND	5.0
79-01-6	Trichloroethene (TCE)	58	5.0
75-69-4	Trichlorofluoromethane	ND	10
95-63-6	1,2,4-Trimethylbenzene	ND	5.0
108-67-8	1,3,5-Trimethylbenzene	ND	5.0
75-01-4	Vinyl chloride	ND	10
95-47-6	o-Xylene	ND	5.0
	m,p-Xylenes	ND	5.0

Surrogate	Recovery	Limits
Bromofluorobenzene	78%	78%-111%
1,2-Dichloroethane-d4	109%	91%-114%
Toluene-d8	107%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	10	Sample Description:	841061130-10
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	8.1
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	6500	ug/kg
C9-C12 Aliphatics**	50	ND	6500	ug/kg
C9-C10 Aromatics***	50	ND	6500	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	99	70%-130%
2,5-dibromotoluene #2	105	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	330	ug/kg
Ethylbenzene	ND	330	ug/kg
Methyl tert-butyl ether (MTBE)	ND	65	ug/kg
Naphthalene	ND	330	ug/kg
Toluene	ND	330	ug/kg
m,p-Xylenes	ND	330	ug/kg
o-Xylene	ND	330	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 10

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-10

Matrix: Solid
Percent Moisture: 8.1
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28537.D;M32623.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	21
71-43-2	Benzene	ND	5.3
108-86-1	Bromobenzene	ND	5.3
74-97-5	Bromochloromethane	ND	5.3
75-27-4	Bromodichloromethane	ND	5.3
75-25-2	Bromoform	ND	5.3
74-83-9	Bromomethane	ND	10
78-93-3	2-Butanone (MEK)	ND	10
104-51-8	n-Butylbenzene	ND	5.3
135-98-8	sec-Butylbenzene	ND	5.3
98-06-6	tert-Butylbenzene	ND	5.3
75-15-0	Carbon disulfide	ND	5.3
56-23-5	Carbon tetrachloride	ND	5.3
108-90-7	Chlorobenzene	ND	5.3
75-00-3	Chloroethane	ND	10
67-66-3	Chloroform	ND	5.3
74-87-3	Chloromethane	ND	10
95-49-8	2-Chlorotoluene	ND	5.3
106-43-4	4-Chlorotoluene	ND	5.3
108-20-3	Di-isopropyl ether (DIPE)	ND	53
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.3
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.2
74-95-3	Dibromomethane	ND	5.3
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.3
106-46-7	1,4-Dichlorobenzene	ND	5.3
75-71-8	Dichlorodifluoromethane	ND	10
75-34-3	1,1-Dichloroethane	ND	5.3
107-06-2	1,2-Dichloroethane	ND	5.3
75-35-4	1,1-Dichloroethene	ND	5.3
156-59-2	cis-1,2-Dichloroethene	ND	5.3
156-60-5	trans-1,2-Dichloroethene	ND	5.3
78-87-5	1,2-Dichloropropane	ND	5.3
142-28-9	1,3-Dichloropropane	ND	5.3
590-20-7	2,2-Dichloropropane	ND	5.3
563-58-6	1,1-Dichloropropene	ND	5.3
10061-01-5	cis-1,3-Dichloropropene	ND	5.3
10061-02-6	trans-1,3-Dichloropropene	ND	5.3
60-29-7	Diethyl ether	ND	10
123-91-1	1,4-Dioxane	ND	21

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 10 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-10

Matrix: Solid
Percent Moisture: 8.1
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28537.D;M32623.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	53
100-41-4	Ethylbenzene	ND	5.3
87-68-3	Hexachlorobutadiene	ND	5.3
591-78-6	2-Hexanone	ND	10
98-82-8	Isopropylbenzene	ND	5.3
99-87-6	4-Isopropyltoluene	ND	5.3
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10
75-09-2	Methylene chloride	ND	5.3
91-20-3	Naphthalene	ND	5.3
103-65-1	n-Propylbenzene	ND	5.3
100-42-5	Styrene	ND	5.3
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	53
109-99-9	Tetrahydrofuran	ND	5.3
96-18-4	1,2,3-Trichloropropane	ND	5.3
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.3
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	22	5.3
108-88-3	Toluene	ND	5.3
87-61-6	1,2,3-Trichlorobenzene	ND	5.3
120-82-1	1,2,4-Trichlorobenzene	ND	5.3
71-55-6	1,1,1-Trichloroethane	ND	5.3
79-00-5	1,1,2-Trichloroethane	ND	5.3
79-01-6	Trichloroethene (TCE)	9.6	5.3
75-69-4	Trichlorofluoromethane	ND	10
95-63-6	1,2,4-Trimethylbenzene	ND	5.3
108-67-8	1,3,5-Trimethylbenzene	ND	5.3
75-01-4	Vinyl chloride	ND	10
95-47-6	o-Xylene	ND	5.3
	m,p-Xylenes	ND	5.3

Surrogate	Recovery	Limits
Bromofluorobenzene	93%	78%-111%
1,2-Dichloroethane-d4	105%	91%-114%
Toluene-d8	95%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	11	Sample Description:	841061130-11
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	6.6
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	5900	ug/kg
C9-C12 Aliphatics**	50	ND	5900	ug/kg
C9-C10 Aromatics***	50	ND	5900	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	92	70%-130%
2,5-dibromotoluene #2	100	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	300	ug/kg
Ethylbenzene	ND	300	ug/kg
Methyl tert-butyl ether (MTBE)	ND	59	ug/kg
Naphthalene	ND	300	ug/kg
Toluene	ND	300	ug/kg
m,p-Xylenes	ND	300	ug/kg
o-Xylene	ND	300	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 11

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/07/06 By: GP
Method: 8260B
QC Batch#: 51101
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-11

Matrix: Solid
Percent Moisture: 6.6
Sample Weight/Volume:
Dilution Factor: 200
Soil Extract Volume:
Lab Data File: J28600.D;M32624.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	4300
71-43-2	Benzene	ND	1100
108-86-1	Bromobenzene	ND	1100
74-97-5	Bromochloromethane	ND	1100
75-27-4	Bromodichloromethane	ND	1100
75-25-2	Bromoform	ND	1100
74-83-9	Bromomethane	ND	2100
78-93-3	2-Butanone (MEK)	ND	2100
104-51-8	n-Butylbenzene	ND	1100
135-98-8	sec-Butylbenzene	ND	1100
98-06-6	tert-Butylbenzene	ND	1100
75-15-0	Carbon disulfide	ND	1100
56-23-5	Carbon tetrachloride	ND	1100
108-90-7	Chlorobenzene	ND	1100
75-00-3	Chloroethane	ND	2100
67-66-3	Chloroform	ND	1100
74-87-3	Chloromethane	ND	2100
95-49-8	2-Chlorotoluene	ND	1100
106-43-4	4-Chlorotoluene	ND	1100
108-20-3	Di-isopropyl ether (DIPE)	ND	54
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	1100
124-48-1	Dibromochloromethane	ND	1100
106-93-4	1,2-Dibromoethane (EDB)	ND	640
74-95-3	Dibromomethane	ND	1100
95-50-1	1,2-Dichlorobenzene	ND	1100
541-73-1	1,3-Dichlorobenzene	ND	1100
106-46-7	1,4-Dichlorobenzene	ND	1100
75-71-8	Dichlorodifluoromethane	ND	2100
75-34-3	1,1-Dichloroethane	ND	1100
107-06-2	1,2-Dichloroethane	ND	1100
75-35-4	1,1-Dichloroethene	ND	1100
156-59-2	cis-1,2-Dichloroethene	ND	1100
156-60-5	trans-1,2-Dichloroethene	ND	1100
78-87-5	1,2-Dichloropropane	ND	1100
142-28-9	1,3-Dichloropropane	ND	1100
590-20-7	2,2-Dichloropropane	ND	1100
563-58-6	1,1-Dichloropropene	ND	1100
10061-01-5	cis-1,3-Dichloropropene	ND	1100
10061-02-6	trans-1,3-Dichloropropene	ND	1100
60-29-7	Diethyl ether	ND	2100
123-91-1	1,4-Dioxane	ND	4300

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 11 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/07/06 By: GP
Method: 8260B
QC Batch#: 51101
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-11

Matrix: Solid
Percent Moisture: 6.6
Sample Weight/Volume:
Dilution Factor: 200
Soil Extract Volume:
Lab Data File: J28600.D;M32624.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	54
100-41-4	Ethylbenzene	ND	1100
87-68-3	Hexachlorobutadiene	ND	1100
591-78-6	2-Hexanone	ND	2100
98-82-8	Isopropylbenzene	ND	1100
99-87-6	4-Isopropyltoluene	ND	1100
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1100
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2100
75-09-2	Methylene chloride	ND	1100
91-20-3	Naphthalene	ND	1100
103-65-1	n-Propylbenzene	ND	1100
100-42-5	Styrene	ND	1100
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	54
109-99-9	Tetrahydrofuran	ND	1100
96-18-4	1,2,3-Trichloropropane	ND	1100
630-20-6	1,1,1,2-Tetrachloroethane	ND	1100
79-34-5	1,1,2,2-Tetrachloroethane	ND	1100
127-18-4	Tetrachloroethene (PCE)	34000	1100
108-88-3	Toluene	ND	1100
87-61-6	1,2,3-Trichlorobenzene	ND	1100
120-82-1	1,2,4-Trichlorobenzene	ND	1100
71-55-6	1,1,1-Trichloroethane	ND	1100
79-00-5	1,1,2-Trichloroethane	ND	1100
79-01-6	Trichloroethene (TCE)	6700	1100
75-69-4	Trichlorofluoromethane	ND	2100
95-63-6	1,2,4-Trimethylbenzene	ND	1100
108-67-8	1,3,5-Trimethylbenzene	ND	1100
75-01-4	Vinyl chloride	ND	2100
95-47-6	o-Xylene	ND	1100
	m,p-Xylenes	ND	1100

Surrogate	Recovery	Limits
Bromofluorobenzene	89%	87%-105%
1,2-Dichloroethane-d4	101%	91%-109%
Toluene-d8	98%	92%-105%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	12	Sample Description:	841061130-12
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	14.7
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	7800	ug/kg
C9-C12 Aliphatics**	50	ND	7800	ug/kg
C9-C10 Aromatics***	50	ND	7800	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	99	70%-130%
2,5-dibromotoluene #2	107	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	390	ug/kg
Ethylbenzene	ND	390	ug/kg
Methyl tert-butyl ether (MTBE)	ND	78	ug/kg
Naphthalene	ND	390	ug/kg
Toluene	ND	390	ug/kg
m,p-Xylenes	ND	390	ug/kg
o-Xylene	ND	390	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 12

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-12

Matrix: Solid
Percent Moisture: 14.7
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28538.D;M32625.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	23
71-43-2	Benzene	ND	5.8
108-86-1	Bromobenzene	ND	5.8
74-97-5	Bromochloromethane	ND	5.8
75-27-4	Bromodichloromethane	ND	5.8
75-25-2	Bromoform	ND	5.8
74-83-9	Bromomethane	ND	12
78-93-3	2-Butanone (MEK)	ND	12
104-51-8	n-Butylbenzene	ND	5.8
135-98-8	sec-Butylbenzene	ND	5.8
98-06-6	tert-Butylbenzene	ND	5.8
75-15-0	Carbon disulfide	ND	5.8
56-23-5	Carbon tetrachloride	ND	5.8
108-90-7	Chlorobenzene	ND	5.8
75-00-3	Chloroethane	ND	12
67-66-3	Chloroform	ND	5.8
74-87-3	Chloromethane	ND	12
95-49-8	2-Chlorotoluene	ND	5.8
106-43-4	4-Chlorotoluene	ND	5.8
108-20-3	Di-isopropyl ether (DIPE)	ND	58
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.8
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.5
74-95-3	Dibromomethane	ND	5.8
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.8
106-46-7	1,4-Dichlorobenzene	ND	5.8
75-71-8	Dichlorodifluoromethane	ND	12
75-34-3	1,1-Dichloroethane	ND	5.8
107-06-2	1,2-Dichloroethane	ND	5.8
75-35-4	1,1-Dichloroethene	ND	5.8
156-59-2	cis-1,2-Dichloroethene	ND	5.8
156-60-5	trans-1,2-Dichloroethene	ND	5.8
78-87-5	1,2-Dichloropropane	ND	5.8
142-28-9	1,3-Dichloropropane	ND	5.8
590-20-7	2,2-Dichloropropane	ND	5.8
563-58-6	1,1-Dichloropropene	ND	5.8
10061-01-5	cis-1,3-Dichloropropene	ND	5.8
10061-02-6	trans-1,3-Dichloropropene	ND	5.8
60-29-7	Diethyl ether	ND	12
123-91-1	1,4-Dioxane	ND	23

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 12 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-12

Matrix: Solid
Percent Moisture: 14.7
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28538.D;M32625.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	58
100-41-4	Ethylbenzene	ND	5.8
87-68-3	Hexachlorobutadiene	ND	5.8
591-78-6	2-Hexanone	ND	12
98-82-8	Isopropylbenzene	ND	5.8
99-87-6	4-Isopropyltoluene	ND	5.8
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	12
75-09-2	Methylene chloride	ND	5.8
91-20-3	Naphthalene	ND	5.8
103-65-1	n-Propylbenzene	ND	5.8
100-42-5	Styrene	ND	5.8
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	58
109-99-9	Tetrahydrofuran	ND	5.8
96-18-4	1,2,3-Trichloropropane	ND	5.8
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.8
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	310	5.8
108-88-3	Toluene	ND	5.8
87-61-6	1,2,3-Trichlorobenzene	ND	5.8
120-82-1	1,2,4-Trichlorobenzene	ND	5.8
71-55-6	1,1,1-Trichloroethane	ND	5.8
79-00-5	1,1,2-Trichloroethane	ND	5.8
79-01-6	Trichloroethene (TCE)	79	5.8
75-69-4	Trichlorofluoromethane	ND	12
95-63-6	1,2,4-Trimethylbenzene	ND	5.8
108-67-8	1,3,5-Trimethylbenzene	ND	5.8
75-01-4	Vinyl chloride	ND	12
95-47-6	o-Xylene	ND	5.8
	m,p-Xylenes	ND	5.8

Surrogate	Recovery	Limits
Bromofluorobenzene	87%	78%-111%
1,2-Dichloroethane-d4	100%	91%-114%
Toluene-d8	101%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	13	Sample Description:	841061130-13
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	8.6
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	6400	ug/kg
C9-C12 Aliphatics**	50	ND	6400	ug/kg
C9-C10 Aromatics***	50	ND	6400	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	97	70%-130%
2,5-dibromotoluene #2	107	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	320	ug/kg
Ethylbenzene	ND	320	ug/kg
Methyl tert-butyl ether (MTBE)	ND	64	ug/kg
Naphthalene	ND	320	ug/kg
Toluene	ND	320	ug/kg
m,p-Xylenes	ND	320	ug/kg
o-Xylene	ND	320	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 13

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/06/06 By: GP
Method: 8260B
QC Batch#: 50999
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-13

Matrix: Solid
Percent Moisture: 8.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28553.D;M32626.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	21
71-43-2	Benzene	ND	5.2
108-86-1	Bromobenzene	ND	5.2
74-97-5	Bromochloromethane	ND	5.2
75-27-4	Bromodichloromethane	ND	5.2
75-25-2	Bromoform	ND	5.2
74-83-9	Bromomethane	ND	10
78-93-3	2-Butanone (MEK)	ND	10
104-51-8	n-Butylbenzene	ND	5.2
135-98-8	sec-Butylbenzene	ND	5.2
98-06-6	tert-Butylbenzene	ND	5.2
75-15-0	Carbon disulfide	ND	5.2
56-23-5	Carbon tetrachloride	ND	5.2
108-90-7	Chlorobenzene	ND	5.2
75-00-3	Chloroethane	ND	10
67-66-3	Chloroform	ND	5.2
74-87-3	Chloromethane	ND	10
95-49-8	2-Chlorotoluene	ND	5.2
106-43-4	4-Chlorotoluene	ND	5.2
108-20-3	Di-isopropyl ether (DIPE)	ND	52
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.2
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.1
74-95-3	Dibromomethane	ND	5.2
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.2
106-46-7	1,4-Dichlorobenzene	ND	5.2
75-71-8	Dichlorodifluoromethane	ND	10
75-34-3	1,1-Dichloroethane	ND	5.2
107-06-2	1,2-Dichloroethane	ND	5.2
75-35-4	1,1-Dichloroethene	ND	5.2
156-59-2	cis-1,2-Dichloroethene	ND	5.2
156-60-5	trans-1,2-Dichloroethene	ND	5.2
78-87-5	1,2-Dichloropropane	ND	5.2
142-28-9	1,3-Dichloropropane	ND	5.2
590-20-7	2,2-Dichloropropane	ND	5.2
563-58-6	1,1-Dichloropropene	ND	5.2
10061-01-5	cis-1,3-Dichloropropene	ND	5.2
10061-02-6	trans-1,3-Dichloropropene	ND	5.2
60-29-7	Diethyl ether	ND	10
123-91-1	1,4-Dioxane	ND	21

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 13 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/06/06 By: GP
Method: 8260B
QC Batch#: 50999
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-13

Matrix: Solid
Percent Moisture: 8.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28553.D;M32626.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	52
100-41-4	Ethylbenzene	ND	5.2
87-68-3	Hexachlorobutadiene	ND	5.2
591-78-6	2-Hexanone	ND	10
98-82-8	Isopropylbenzene	ND	5.2
99-87-6	4-Isopropyltoluene	ND	5.2
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10
75-09-2	Methylene chloride	ND	5.2
91-20-3	Naphthalene	ND	5.2
103-65-1	n-Propylbenzene	ND	5.2
100-42-5	Styrene	ND	5.2
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	52
109-99-9	Tetrahydrofuran	ND	5.2
96-18-4	1,2,3-Trichloropropane	ND	5.2
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.2
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	130	5.2
108-88-3	Toluene	ND	5.2
87-61-6	1,2,3-Trichlorobenzene	ND	5.2
120-82-1	1,2,4-Trichlorobenzene	ND	5.2
71-55-6	1,1,1-Trichloroethane	ND	5.2
79-00-5	1,1,2-Trichloroethane	ND	5.2
79-01-6	Trichloroethene (TCE)	150	5.2
75-69-4	Trichlorofluoromethane	ND	10
95-63-6	1,2,4-Trimethylbenzene	ND	5.2
108-67-8	1,3,5-Trimethylbenzene	ND	5.2
75-01-4	Vinyl chloride	ND	10
95-47-6	o-Xylene	ND	5.2
	m,p-Xylenes	ND	5.2

Surrogate	Recovery	Limits
Bromofluorobenzene	66%	78%-111%
1,2-Dichloroethane-d4	104%	91%-114%
Toluene-d8	117%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	14	Sample Description:	841061130-14
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	8.9
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	6400	ug/kg
C9-C12 Aliphatics**	50	ND	6400	ug/kg
C9-C10 Aromatics***	50	ND	6400	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	98	70%-130%
2,5-dibromotoluene #2	105	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	320	ug/kg
Ethylbenzene	ND	320	ug/kg
Methyl tert-butyl ether (MTBE)	ND	64	ug/kg
Naphthalene	ND	320	ug/kg
Toluene	ND	320	ug/kg
m,p-Xylenes	ND	320	ug/kg
o-Xylene	ND	320	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 14

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-14

Matrix: Solid
Percent Moisture: 8.9
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28540.D;J28554.;M32627.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	22
71-43-2	Benzene	ND	5.4
108-86-1	Bromobenzene	ND	5.4
74-97-5	Bromochloromethane	ND	5.4
75-27-4	Bromodichloromethane	ND	5.4
75-25-2	Bromoform	ND	5.4
74-83-9	Bromomethane	ND	11
78-93-3	2-Butanone (MEK)	ND	11
104-51-8	n-Butylbenzene	ND	5.4
135-98-8	sec-Butylbenzene	ND	5.4
98-06-6	tert-Butylbenzene	ND	5.4
75-15-0	Carbon disulfide	ND	5.4
56-23-5	Carbon tetrachloride	ND	5.4
108-90-7	Chlorobenzene	ND	5.4
75-00-3	Chloroethane	ND	11
67-66-3	Chloroform	ND	5.4
74-87-3	Chloromethane	ND	11
95-49-8	2-Chlorotoluene	ND	5.4
106-43-4	4-Chlorotoluene	ND	5.4
108-20-3	Di-isopropyl ether (DIPE)	ND	54
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.4
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.2
74-95-3	Dibromomethane	ND	5.4
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.4
106-46-7	1,4-Dichlorobenzene	ND	5.4
75-71-8	Dichlorodifluoromethane	ND	11
75-34-3	1,1-Dichloroethane	ND	5.4
107-06-2	1,2-Dichloroethane	ND	5.4
75-35-4	1,1-Dichloroethene	ND	5.4
156-59-2	cis-1,2-Dichloroethene	ND	5.4
156-60-5	trans-1,2-Dichloroethene	ND	5.4
78-87-5	1,2-Dichloropropane	ND	5.4
142-28-9	1,3-Dichloropropane	ND	5.4
590-20-7	2,2-Dichloropropane	ND	5.4
563-58-6	1,1-Dichloropropene	ND	5.4
10061-01-5	cis-1,3-Dichloropropene	ND	5.4
10061-02-6	trans-1,3-Dichloropropene	ND	5.4
60-29-7	Diethyl ether	ND	11
123-91-1	1,4-Dioxane	ND	22

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 14 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-14

Matrix: Solid
Percent Moisture: 8.9
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28540.D;J28554.;M32627.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	54
100-41-4	Ethylbenzene	ND	5.4
87-68-3	Hexachlorobutadiene	ND	5.4
591-78-6	2-Hexanone	ND	11
98-82-8	Isopropylbenzene	ND	5.4
99-87-6	4-Isopropyltoluene	ND	5.4
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.4
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	11
75-09-2	Methylene chloride	ND	5.4
91-20-3	Naphthalene	ND	5.4
103-65-1	n-Propylbenzene	ND	5.4
100-42-5	Styrene	ND	5.4
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	54
109-99-9	Tetrahydrofuran	ND	5.4
96-18-4	1,2,3-Trichloropropane	ND	5.4
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.4
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	120	5.4
108-88-3	Toluene	ND	5.4
87-61-6	1,2,3-Trichlorobenzene	ND	5.4
120-82-1	1,2,4-Trichlorobenzene	ND	5.4
71-55-6	1,1,1-Trichloroethane	ND	5.4
79-00-5	1,1,2-Trichloroethane	ND	5.4
79-01-6	Trichloroethene (TCE)	67	5.4
75-69-4	Trichlorofluoromethane	ND	11
95-63-6	1,2,4-Trimethylbenzene	ND	5.4
108-67-8	1,3,5-Trimethylbenzene	ND	5.4
75-01-4	Vinyl chloride	ND	11
95-47-6	o-Xylene	ND	5.4
	m,p-Xylenes	ND	5.4

Surrogate	Recovery	Limits
Bromofluorobenzene	79%	78%-111%
1,2-Dichloroethane-d4	106%	91%-114%
Toluene-d8	104%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	15	Sample Description:	841061130-15
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	11.6
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	7600	ug/kg
C9-C12 Aliphatics**	50	ND	7600	ug/kg
C9-C10 Aromatics***	50	ND	7600	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	97	70%-130%
2,5-dibromotoluene #2	105	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	380	ug/kg
Ethylbenzene	ND	380	ug/kg
Methyl tert-butyl ether (MTBE)	ND	76	ug/kg
Naphthalene	ND	380	ug/kg
Toluene	ND	380	ug/kg
m,p-Xylenes	ND	380	ug/kg
o-Xylene	ND	380	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 15

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-15

Matrix: Solid
Percent Moisture: 11.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28541.D;M32628.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	21
71-43-2	Benzene	ND	5.2
108-86-1	Bromobenzene	ND	5.2
74-97-5	Bromochloromethane	ND	5.2
75-27-4	Bromodichloromethane	ND	5.2
75-25-2	Bromoform	ND	5.2
74-83-9	Bromomethane	ND	10
78-93-3	2-Butanone (MEK)	ND	10
104-51-8	n-Butylbenzene	ND	5.2
135-98-8	sec-Butylbenzene	ND	5.2
98-06-6	tert-Butylbenzene	ND	5.2
75-15-0	Carbon disulfide	ND	5.2
56-23-5	Carbon tetrachloride	ND	5.2
108-90-7	Chlorobenzene	ND	5.2
75-00-3	Chloroethane	ND	10
67-66-3	Chloroform	ND	5.2
74-87-3	Chloromethane	ND	10
95-49-8	2-Chlorotoluene	ND	5.2
106-43-4	4-Chlorotoluene	ND	5.2
108-20-3	Di-isopropyl ether (DIPE)	ND	52
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.2
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.1
74-95-3	Dibromomethane	ND	5.2
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.2
106-46-7	1,4-Dichlorobenzene	ND	5.2
75-71-8	Dichlorodifluoromethane	ND	10
75-34-3	1,1-Dichloroethane	ND	5.2
107-06-2	1,2-Dichloroethane	ND	5.2
75-35-4	1,1-Dichloroethene	ND	5.2
156-59-2	cis-1,2-Dichloroethene	ND	5.2
156-60-5	trans-1,2-Dichloroethene	ND	5.2
78-87-5	1,2-Dichloropropane	ND	5.2
142-28-9	1,3-Dichloropropane	ND	5.2
590-20-7	2,2-Dichloropropane	ND	5.2
563-58-6	1,1-Dichloropropene	ND	5.2
10061-01-5	cis-1,3-Dichloropropene	ND	5.2
10061-02-6	trans-1,3-Dichloropropene	ND	5.2
60-29-7	Diethyl ether	ND	10
123-91-1	1,4-Dioxane	ND	21

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 15 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-15

Matrix: Solid
Percent Moisture: 11.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28541.D;M32628.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	52
100-41-4	Ethylbenzene	ND	5.2
87-68-3	Hexachlorobutadiene	ND	5.2
591-78-6	2-Hexanone	ND	10
98-82-8	Isopropylbenzene	ND	5.2
99-87-6	4-Isopropyltoluene	ND	5.2
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10
75-09-2	Methylene chloride	ND	5.2
91-20-3	Naphthalene	ND	5.2
103-65-1	n-Propylbenzene	ND	5.2
100-42-5	Styrene	ND	5.2
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	52
109-99-9	Tetrahydrofuran	ND	5.2
96-18-4	1,2,3-Trichloropropane	ND	5.2
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.2
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	13	5.2
108-88-3	Toluene	ND	5.2
87-61-6	1,2,3-Trichlorobenzene	ND	5.2
120-82-1	1,2,4-Trichlorobenzene	ND	5.2
71-55-6	1,1,1-Trichloroethane	73	5.2
79-00-5	1,1,2-Trichloroethane	ND	5.2
79-01-6	Trichloroethene (TCE)	37	5.2
75-69-4	Trichlorofluoromethane	ND	10
95-63-6	1,2,4-Trimethylbenzene	ND	5.2
108-67-8	1,3,5-Trimethylbenzene	ND	5.2
75-01-4	Vinyl chloride	ND	10
95-47-6	o-Xylene	ND	5.2
	m,p-Xylenes	ND	5.2

Surrogate	Recovery	Limits
Bromofluorobenzene	43%	78%-111%
1,2-Dichloroethane-d4	105%	91%-114%
Toluene-d8	148%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	16	Sample Description:	841061130-16
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	6.2
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	6000	ug/kg
C9-C12 Aliphatics**	50	ND	6000	ug/kg
C9-C10 Aromatics***	50	ND	6000	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	109	70%-130%
2,5-dibromotoluene #2	116	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	300	ug/kg
Ethylbenzene	ND	300	ug/kg
Methyl tert-butyl ether (MTBE)	ND	60	ug/kg
Naphthalene	2300	300	ug/kg
Toluene	ND	300	ug/kg
m,p-Xylenes	ND	300	ug/kg
o-Xylene	ND	300	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 16

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/06/06 By: GP
Method: 8260B
QC Batch#: 50999
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-16

Matrix: Solid
Percent Moisture: 6.2
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28559.D;M32629.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	20
71-43-2	Benzene	ND	4.9
108-86-1	Bromobenzene	ND	4.9
74-97-5	Bromochloromethane	ND	4.9
75-27-4	Bromodichloromethane	ND	4.9
75-25-2	Bromoform	ND	4.9
74-83-9	Bromomethane	ND	9.8
78-93-3	2-Butanone (MEK)	ND	9.8
104-51-8	n-Butylbenzene	ND	4.9
135-98-8	sec-Butylbenzene	ND	4.9
98-06-6	tert-Butylbenzene	ND	4.9
75-15-0	Carbon disulfide	ND	4.9
56-23-5	Carbon tetrachloride	ND	4.9
108-90-7	Chlorobenzene	ND	4.9
75-00-3	Chloroethane	ND	9.8
67-66-3	Chloroform	ND	4.9
74-87-3	Chloromethane	ND	9.8
95-49-8	2-Chlorotoluene	ND	4.9
106-43-4	4-Chlorotoluene	ND	4.9
108-20-3	Di-isopropyl ether (DIPE)	ND	50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	4.9
124-48-1	Dibromochloromethane	ND	4.9
106-93-4	1,2-Dibromoethane (EDB)	ND	2.9
74-95-3	Dibromomethane	ND	4.9
95-50-1	1,2-Dichlorobenzene	ND	4.9
541-73-1	1,3-Dichlorobenzene	ND	4.9
106-46-7	1,4-Dichlorobenzene	ND	4.9
75-71-8	Dichlorodifluoromethane	ND	9.8
75-34-3	1,1-Dichloroethane	ND	4.9
107-06-2	1,2-Dichloroethane	ND	4.9
75-35-4	1,1-Dichloroethene	ND	4.9
156-59-2	cis-1,2-Dichloroethene	ND	4.9
156-60-5	trans-1,2-Dichloroethene	ND	4.9
78-87-5	1,2-Dichloropropane	ND	4.9
142-28-9	1,3-Dichloropropane	ND	4.9
590-20-7	2,2-Dichloropropane	ND	4.9
563-58-6	1,1-Dichloropropene	ND	4.9
10061-01-5	cis-1,3-Dichloropropene	ND	4.9
10061-02-6	trans-1,3-Dichloropropene	ND	4.9
60-29-7	Diethyl ether	ND	9.8
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 16 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/06/06 By: GP
Method: 8260B
QC Batch#: 50999
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-16

Matrix: Solid
Percent Moisture: 6.2
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28559.D;M32629.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	50
100-41-4	Ethylbenzene	ND	4.9
87-68-3	Hexachlorobutadiene	ND	4.9
591-78-6	2-Hexanone	ND	9.8
98-82-8	Isopropylbenzene	ND	4.9
99-87-6	4-Isopropyltoluene	ND	4.9
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	4.9
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	9.8
75-09-2	Methylene chloride	ND	4.9
91-20-3	Naphthalene	ND	4.9
103-65-1	n-Propylbenzene	ND	4.9
100-42-5	Styrene	ND	4.9
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	50
109-99-9	Tetrahydrofuran	ND	4.9
96-18-4	1,2,3-Trichloropropane	ND	4.9
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.9
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.9
127-18-4	Tetrachloroethene (PCE)	18	4.9
108-88-3	Toluene	ND	4.9
87-61-6	1,2,3-Trichlorobenzene	ND	4.9
120-82-1	1,2,4-Trichlorobenzene	ND	4.9
71-55-6	1,1,1-Trichloroethane	17	4.9
79-00-5	1,1,2-Trichloroethane	ND	4.9
79-01-6	Trichloroethene (TCE)	44	4.9
75-69-4	Trichlorofluoromethane	ND	9.8
95-63-6	1,2,4-Trimethylbenzene	ND	4.9
108-67-8	1,3,5-Trimethylbenzene	ND	4.9
75-01-4	Vinyl chloride	ND	9.8
95-47-6	o-Xylene	ND	4.9
	m,p-Xylenes	ND	4.9

Surrogate	Recovery	Limits
Bromofluorobenzene	64%	78%-111%
1,2-Dichloroethane-d4	104%	91%-114%
Toluene-d8	119%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	17	Sample Description:	841061130-17
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	9.3
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	6100	ug/kg
C9-C12 Aliphatics**	50	ND	6100	ug/kg
C9-C10 Aromatics***	50	ND	6100	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	99	70%-130%
2,5-dibromotoluene #2	109	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	310	ug/kg
Ethylbenzene	ND	310	ug/kg
Methyl tert-butyl ether (MTBE)	ND	61	ug/kg
Naphthalene	ND	310	ug/kg
Toluene	ND	310	ug/kg
m,p-Xylenes	ND	310	ug/kg
o-Xylene	ND	310	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 17

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/06/06 By: GP
Method: 8260B
QC Batch#: 50999
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-17

Matrix: Solid
Percent Moisture: 9.3
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28560.D;M32630.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	18
71-43-2	Benzene	ND	4.6
108-86-1	Bromobenzene	ND	4.6
74-97-5	Bromochloromethane	ND	4.6
75-27-4	Bromodichloromethane	ND	4.6
75-25-2	Bromoform	ND	4.6
74-83-9	Bromomethane	ND	9.2
78-93-3	2-Butanone (MEK)	ND	9.2
104-51-8	n-Butylbenzene	ND	4.6
135-98-8	sec-Butylbenzene	ND	4.6
98-06-6	tert-Butylbenzene	ND	4.6
75-15-0	Carbon disulfide	ND	4.6
56-23-5	Carbon tetrachloride	ND	4.6
108-90-7	Chlorobenzene	ND	4.6
75-00-3	Chloroethane	ND	9.2
67-66-3	Chloroform	ND	4.6
74-87-3	Chloromethane	ND	9.2
95-49-8	2-Chlorotoluene	ND	4.6
106-43-4	4-Chlorotoluene	ND	4.6
108-20-3	Di-isopropyl ether (DIPE)	ND	50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	4.6
124-48-1	Dibromochloromethane	ND	4.6
106-93-4	1,2-Dibromoethane (EDB)	ND	2.8
74-95-3	Dibromomethane	ND	4.6
95-50-1	1,2-Dichlorobenzene	ND	4.6
541-73-1	1,3-Dichlorobenzene	ND	4.6
106-46-7	1,4-Dichlorobenzene	ND	4.6
75-71-8	Dichlorodifluoromethane	ND	9.2
75-34-3	1,1-Dichloroethane	ND	4.6
107-06-2	1,2-Dichloroethane	ND	4.6
75-35-4	1,1-Dichloroethene	ND	4.6
156-59-2	cis-1,2-Dichloroethene	ND	4.6
156-60-5	trans-1,2-Dichloroethene	ND	4.6
78-87-5	1,2-Dichloropropane	ND	4.6
142-28-9	1,3-Dichloropropane	ND	4.6
590-20-7	2,2-Dichloropropane	ND	4.6
563-58-6	1,1-Dichloropropene	ND	4.6
10061-01-5	cis-1,3-Dichloropropene	ND	4.6
10061-02-6	trans-1,3-Dichloropropene	ND	4.6
60-29-7	Diethyl ether	ND	9.2
123-91-1	1,4-Dioxane	ND	18

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 17 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/06/06 By: GP
Method: 8260B
QC Batch#: 50999
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-17

Matrix: Solid
Percent Moisture: 9.3
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28560.D;M32630.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	50
100-41-4	Ethylbenzene	ND	4.6
87-68-3	Hexachlorobutadiene	ND	4.6
591-78-6	2-Hexanone	ND	9.2
98-82-8	Isopropylbenzene	ND	4.6
99-87-6	4-Isopropyltoluene	ND	4.6
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	4.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	9.2
75-09-2	Methylene chloride	ND	4.6
91-20-3	Naphthalene	ND	4.6
103-65-1	n-Propylbenzene	ND	4.6
100-42-5	Styrene	ND	4.6
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	50
109-99-9	Tetrahydrofuran	ND	4.6
96-18-4	1,2,3-Trichloropropane	ND	4.6
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.6
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.6
127-18-4	Tetrachloroethene (PCE)	26	4.6
108-88-3	Toluene	ND	4.6
87-61-6	1,2,3-Trichlorobenzene	ND	4.6
120-82-1	1,2,4-Trichlorobenzene	ND	4.6
71-55-6	1,1,1-Trichloroethane	ND	4.6
79-00-5	1,1,2-Trichloroethane	ND	4.6
79-01-6	Trichloroethene (TCE)	24	4.6
75-69-4	Trichlorofluoromethane	ND	9.2
95-63-6	1,2,4-Trimethylbenzene	ND	4.6
108-67-8	1,3,5-Trimethylbenzene	ND	4.6
75-01-4	Vinyl chloride	ND	9.2
95-47-6	o-Xylene	ND	4.6
	m,p-Xylenes	ND	4.6

Surrogate	Recovery	Limits
Bromofluorobenzene	90%	78%-111%
1,2-Dichloroethane-d4	108%	91%-114%
Toluene-d8	90%	86%-115%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 18

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/06/06 By: GP
Method: 8260B
QC Batch#: 51012
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-18

Matrix: Solid
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: M32508.D;M32617.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	250
71-43-2	Benzene	ND	50
108-86-1	Bromobenzene	ND	50
74-97-5	Bromochloromethane	ND	50
75-27-4	Bromodichloromethane	ND	50
75-25-2	Bromoform	ND	50
74-83-9	Bromomethane	ND	50
78-93-3	2-Butanone (MEK)	ND	250
104-51-8	n-Butylbenzene	ND	50
135-98-8	sec-Butylbenzene	ND	50
98-06-6	tert-Butylbenzene	ND	50
75-15-0	Carbon disulfide	ND	50
56-23-5	Carbon tetrachloride	ND	50
108-90-7	Chlorobenzene	ND	50
75-00-3	Chloroethane	ND	50
67-66-3	Chloroform	ND	50
74-87-3	Chloromethane	ND	50
95-49-8	2-Chlorotoluene	ND	50
106-43-4	4-Chlorotoluene	ND	50
108-20-3	Di-isopropyl ether (DIPE)	ND	50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	50
124-48-1	Dibromochloromethane	ND	50
106-93-4	1,2-Dibromoethane (EDB)	ND	50
74-95-3	Dibromomethane	ND	50
95-50-1	1,2-Dichlorobenzene	ND	50
541-73-1	1,3-Dichlorobenzene	ND	50
106-46-7	1,4-Dichlorobenzene	ND	50
75-71-8	Dichlorodifluoromethane	ND	50
75-34-3	1,1-Dichloroethane	ND	50
107-06-2	1,2-Dichloroethane	ND	50
75-35-4	1,1-Dichloroethene	ND	50
156-59-2	cis-1,2-Dichloroethene	ND	50
156-60-5	trans-1,2-Dichloroethene	ND	50
78-87-5	1,2-Dichloropropane	ND	50
142-28-9	1,3-Dichloropropane	ND	50
590-20-7	2,2-Dichloropropane	ND	50
563-58-6	1,1-Dichloropropene	ND	50
10061-01-5	cis-1,3-Dichloropropene	ND	50
10061-02-6	trans-1,3-Dichloropropene	ND	50
60-29-7	Diethyl ether	ND	50
123-91-1	1,4-Dioxane	ND	1000

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 18 (continued)

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/06/06 By: GP
Method: 8260B
QC Batch#: 51012
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-18

Matrix: Solid
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: M32508.D;M32617.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	50
100-41-4	Ethylbenzene	ND	50
87-68-3	Hexachlorobutadiene	ND	50
591-78-6	2-Hexanone	ND	250
98-82-8	Isopropylbenzene	ND	50
99-87-6	4-Isopropyltoluene	ND	50
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	50
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	250
75-09-2	Methylene chloride	ND	50
91-20-3	Naphthalene	ND	50
103-65-1	n-Propylbenzene	ND	50
100-42-5	Styrene	ND	50
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	50
109-99-9	Tetrahydrofuran	ND	50
96-18-4	1,2,3-Trichloropropane	ND	50
630-20-6	1,1,1,2-Tetrachloroethane	ND	50
79-34-5	1,1,2,2-Tetrachloroethane	ND	50
127-18-4	Tetrachloroethene (PCE)	ND	50
108-88-3	Toluene	ND	50
87-61-6	1,2,3-Trichlorobenzene	ND	50
120-82-1	1,2,4-Trichlorobenzene	ND	50
71-55-6	1,1,1-Trichloroethane	ND	50
79-00-5	1,1,2-Trichloroethane	ND	50
79-01-6	Trichloroethene (TCE)	ND	50
75-69-4	Trichlorofluoromethane	ND	50
95-63-6	1,2,4-Trimethylbenzene	ND	50
108-67-8	1,3,5-Trimethylbenzene	ND	50
75-01-4	Vinyl chloride	ND	50
95-47-6	o-Xylene	ND	50
	m,p-Xylenes	ND	50

Surrogate	Recovery	Limits
Bromofluorobenzene	88%	87%-105%
1,2-Dichloroethane-d4	101%	91%-109%
Toluene-d8	105%	92%-105%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	1	Sample Description:	841061130-01
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	5.8
Date Analyzed:	12/09/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	40000	10000	ug/kg
C11-C22 Aromatics*	1	100000	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	52	40%-140%
2-Bromonaphthalene	81	40%-140%
2-Fluorobiphenyl	84	40%-140%
o-Terphenyl	59	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	270	100	ug/kg
Anthracene	390	100	ug/kg
Benzo[a]anthracene	1200	100	ug/kg
Benzo[a]pyrene	1100	100	ug/kg
Benzo[b]fluoranthene	1700	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	600	100	ug/kg
Chrysene	1600	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	2200	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	ND	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	990	100	ug/kg
Pyrene	2200	100	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 1

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#: 51132
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-01

Matrix: Solid
Percent Moisture: 5.8
Sample Weight/Volume: 30.19 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4120827.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	14
11104-28-2	Aroclor 1221	ND	14
11141-16-5	Aroclor 1232	ND	14
53469-21-9	Aroclor 1242	ND	14
12672-29-6	Aroclor 1248	ND	14
11097-69-1	Aroclor 1254	ND	14
11096-82-5	Aroclor 1260	ND	14

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	54%	30%-150%
Decachlorobiphenyl	53%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	2	Sample Description:	841061130-02
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	11.0
Date Analyzed:	12/08/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	14000	10000	ug/kg
C11-C22 Aromatics*	1	16000	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	50	40%-140%
2-Bromonaphthalene	71	40%-140%
2-Fluorobiphenyl	75	40%-140%
o-Terphenyl	58	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	ND	100	ug/kg
Anthracene	ND	100	ug/kg
Benzo[a]anthracene	ND	100	ug/kg
Benzo[a]pyrene	ND	100	ug/kg
Benzo[b]fluoranthene	ND	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	ND	100	ug/kg
Chrysene	ND	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	ND	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	ND	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	ND	100	ug/kg
Pyrene	ND	100	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 2

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#: 51132
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-02

Matrix: Solid
Percent Moisture: 11.0
Sample Weight/Volume: 30.26 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4120828.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	15
11104-28-2	Aroclor 1221	ND	15
11141-16-5	Aroclor 1232	ND	15
53469-21-9	Aroclor 1242	ND	15
12672-29-6	Aroclor 1248	ND	15
11097-69-1	Aroclor 1254	ND	15
11096-82-5	Aroclor 1260	ND	15

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	80%	30%-150%
Decachlorobiphenyl	70%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	3	Sample Description:	841061130-03
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	10.7
Date Analyzed:	12/08/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	11000	ug/kg
C19-C36 Aliphatics	1	ND	11000	ug/kg
C11-C22 Aromatics*	1	17000	11000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	59	40%-140%
2-Bromonaphthalene	68	40%-140%
2-Fluorobiphenyl	72	40%-140%
o-Terphenyl	52	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	110	ug/kg
Acenaphthene	740	110	ug/kg
Acenaphthylene	240	110	ug/kg
Anthracene	ND	110	ug/kg
Benzo[a]anthracene	ND	110	ug/kg
Benzo[a]pyrene	ND	110	ug/kg
Benzo[b]fluoranthene	ND	110	ug/kg
Benzo[g,h,i]perylene	ND	110	ug/kg
Benzo[k]fluoranthene	ND	110	ug/kg
Chrysene	ND	110	ug/kg
Dibenz[a,h]anthracene	ND	110	ug/kg
Fluoranthene	490	110	ug/kg
Fluorene	ND	110	ug/kg
Indeno[1,2,3-cd]pyrene	ND	110	ug/kg
Naphthalene	ND	110	ug/kg
Phenanthrene	350	110	ug/kg
Pyrene	ND	110	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 3

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#: 51132
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-03

Matrix: Solid
Percent Moisture: 10.7
Sample Weight/Volume: 30 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4120829.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	15
11104-28-2	Aroclor 1221	ND	15
11141-16-5	Aroclor 1232	ND	15
53469-21-9	Aroclor 1242	ND	15
12672-29-6	Aroclor 1248	ND	15
11097-69-1	Aroclor 1254	ND	15
11096-82-5	Aroclor 1260	ND	15

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	69%	30%-150%
Decachlorobiphenyl	91%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	4	Sample Description:	841061130-04
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	15.8
Date Analyzed:	12/08/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	11000	ug/kg
C19-C36 Aliphatics	1	ND	11000	ug/kg
C11-C22 Aromatics*	1	32000	11000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	54	40%-140%
2-Bromonaphthalene	62	40%-140%
2-Fluorobiphenyl	66	40%-140%
o-Terphenyl	46	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	110	ug/kg
Acenaphthene	ND	110	ug/kg
Acenaphthylene	340	110	ug/kg
Anthracene	320	110	ug/kg
Benzo[a]anthracene	1000	110	ug/kg
Benzo[a]pyrene	1000	110	ug/kg
Benzo[b]fluoranthene	1400	110	ug/kg
Benzo[g,h,i]perylene	ND	110	ug/kg
Benzo[k]fluoranthene	540	110	ug/kg
Chrysene	1200	110	ug/kg
Dibenz[a,h]anthracene	ND	110	ug/kg
Fluoranthene	2100	110	ug/kg
Fluorene	ND	110	ug/kg
Indeno[1,2,3-cd]pyrene	ND	110	ug/kg
Naphthalene	ND	110	ug/kg
Phenanthrene	1100	110	ug/kg
Pyrene	2000	110	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 4

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#: 51132
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-04

Matrix: Solid
Percent Moisture: 15.8
Sample Weight/Volume: 30.04 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4120830.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	16
11104-28-2	Aroclor 1221	ND	16
11141-16-5	Aroclor 1232	ND	16
53469-21-9	Aroclor 1242	ND	16
12672-29-6	Aroclor 1248	ND	16
11097-69-1	Aroclor 1254	ND	16
11096-82-5	Aroclor 1260	ND	16

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	63%	30%-150%
Decachlorobiphenyl	68%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	5	Sample Description:	841061130-05
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	14.7
Date Analyzed:	12/08/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	11000	ug/kg
C19-C36 Aliphatics	1	ND	11000	ug/kg
C11-C22 Aromatics*	1	110000	11000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	63	40%-140%
2-Bromonaphthalene	87	40%-140%
2-Fluorobiphenyl	74	40%-140%
o-Terphenyl	58	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	210	110	ug/kg
Acenaphthene	ND	110	ug/kg
Acenaphthylene	1300	110	ug/kg
Anthracene	2000	110	ug/kg
Benzo[a]anthracene	4400	110	ug/kg
Benzo[a]pyrene	3900	110	ug/kg
Benzo[b]fluoranthene	5600	110	ug/kg
Benzo[g,h,i]perylene	ND	110	ug/kg
Benzo[k]fluoranthene	1900	110	ug/kg
Chrysene	4500	110	ug/kg
Dibenz[a,h]anthracene	ND	110	ug/kg
Fluoranthene	8200	110	ug/kg
Fluorene	390	110	ug/kg
Indeno[1,2,3-cd]pyrene	ND	110	ug/kg
Naphthalene	ND	110	ug/kg
Phenanthrene	3500	110	ug/kg
Pyrene	6200	110	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 5

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#:
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-05

Matrix: Solid
Percent Moisture: 14.7
Sample Weight/Volume: 30.26 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4120831.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	15
11104-28-2	Aroclor 1221	ND	15
11141-16-5	Aroclor 1232	ND	15
53469-21-9	Aroclor 1242	ND	15
12672-29-6	Aroclor 1248	ND	15
11097-69-1	Aroclor 1254	ND	15
11096-82-5	Aroclor 1260	ND	15

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	69%	30%-150%
Decachlorobiphenyl	74%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	6	Sample Description:	841061130-06
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	12.3
Date Analyzed:	12/08/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	11000	ug/kg
C19-C36 Aliphatics	1	ND	11000	ug/kg
C11-C22 Aromatics*	1	20000	11000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	69	40%-140%
2-Bromonaphthalene	79	40%-140%
2-Fluorobiphenyl	81	40%-140%
o-Terphenyl	64	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	110	ug/kg
Acenaphthene	ND	110	ug/kg
Acenaphthylene	350	110	ug/kg
Anthracene	ND	110	ug/kg
Benzo[a]anthracene	200	110	ug/kg
Benzo[a]pyrene	ND	110	ug/kg
Benzo[b]fluoranthene	ND	110	ug/kg
Benzo[g,h,i]perylene	ND	110	ug/kg
Benzo[k]fluoranthene	ND	110	ug/kg
Chrysene	280	110	ug/kg
Dibenz[a,h]anthracene	ND	110	ug/kg
Fluoranthene	320	110	ug/kg
Fluorene	ND	110	ug/kg
Indeno[1,2,3-cd]pyrene	ND	110	ug/kg
Naphthalene	ND	110	ug/kg
Phenanthrene	200	110	ug/kg
Pyrene	310	110	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 6

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#: 51132
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-06

Matrix: Solid
Percent Moisture: 12.3
Sample Weight/Volume: 30.29 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4120834.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	15
11104-28-2	Aroclor 1221	ND	15
11141-16-5	Aroclor 1232	ND	15
53469-21-9	Aroclor 1242	ND	15
12672-29-6	Aroclor 1248	ND	15
11097-69-1	Aroclor 1254	ND	15
11096-82-5	Aroclor 1260	ND	15

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	75%	30%-150%
Decachlorobiphenyl	76%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	7	Sample Description:	841061130-07
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	12.3
Date Analyzed:	12/08/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	11000	ug/kg
C19-C36 Aliphatics	1	ND	11000	ug/kg
C11-C22 Aromatics*	1	40000	11000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	57	40%-140%
2-Bromonaphthalene	73	40%-140%
2-Fluorobiphenyl	75	40%-140%
o-Terphenyl	48	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	110	ug/kg
Acenaphthene	ND	110	ug/kg
Acenaphthylene	230	110	ug/kg
Anthracene	200	110	ug/kg
Benzo[a]anthracene	330	110	ug/kg
Benzo[a]pyrene	ND	110	ug/kg
Benzo[b]fluoranthene	560	110	ug/kg
Benzo[g,h,i]perylene	ND	110	ug/kg
Benzo[k]fluoranthene	170	110	ug/kg
Chrysene	640	110	ug/kg
Dibenz[a,h]anthracene	ND	110	ug/kg
Fluoranthene	380	110	ug/kg
Fluorene	ND	110	ug/kg
Indeno[1,2,3-cd]pyrene	ND	110	ug/kg
Naphthalene	ND	110	ug/kg
Phenanthrene	150	110	ug/kg
Pyrene	470	110	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 7

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#: 51132
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-07

Matrix: Solid
Percent Moisture: 12.3
Sample Weight/Volume: 30.39 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4120835.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	15
11104-28-2	Aroclor 1221	ND	15
11141-16-5	Aroclor 1232	ND	15
53469-21-9	Aroclor 1242	ND	15
12672-29-6	Aroclor 1248	ND	15
11097-69-1	Aroclor 1254	ND	15
11096-82-5	Aroclor 1260	ND	15

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	78%	30%-150%
Decachlorobiphenyl	77%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	8	Sample Description:	841061130-08
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	11.7
Date Analyzed:	12/08/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	11000	ug/kg
C19-C36 Aliphatics	1	ND	11000	ug/kg
C11-C22 Aromatics*	1	61000	11000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	55	40%-140%
2-Bromonaphthalene	77	40%-140%
2-Fluorobiphenyl	79	40%-140%
o-Terphenyl	51	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	110	ug/kg
Acenaphthene	ND	110	ug/kg
Acenaphthylene	250	110	ug/kg
Anthracene	ND	110	ug/kg
Benzo[a]anthracene	310	110	ug/kg
Benzo[a]pyrene	ND	110	ug/kg
Benzo[b]fluoranthene	ND	110	ug/kg
Benzo[g,h,i]perylene	ND	110	ug/kg
Benzo[k]fluoranthene	ND	110	ug/kg
Chrysene	590	110	ug/kg
Dibenz[a,h]anthracene	ND	110	ug/kg
Fluoranthene	410	110	ug/kg
Fluorene	ND	110	ug/kg
Indeno[1,2,3-cd]pyrene	ND	110	ug/kg
Naphthalene	ND	110	ug/kg
Phenanthrene	190	110	ug/kg
Pyrene	410	110	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 8

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#: 51179
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-08

Matrix: Solid
Percent Moisture: 11.7
Sample Weight/Volume: 30.19 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4121122.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	15
11104-28-2	Aroclor 1221	ND	15
11141-16-5	Aroclor 1232	ND	15
53469-21-9	Aroclor 1242	ND	15
12672-29-6	Aroclor 1248	ND	15
11097-69-1	Aroclor 1254	ND	15
11096-82-5	Aroclor 1260	ND	15

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	58%	30%-150%
Decachlorobiphenyl	105%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	9	Sample Description:	841061130-09
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	5.6
Date Analyzed:	12/08/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	ND	10000	ug/kg
C11-C22 Aromatics*	1	33000	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	62	40%-140%
2-Bromonaphthalene	68	40%-140%
2-Fluorobiphenyl	73	40%-140%
o-Terphenyl	53	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	220	100	ug/kg
Acenaphthylene	ND	100	ug/kg
Anthracene	970	100	ug/kg
Benzo[a]anthracene	1100	100	ug/kg
Benzo[a]pyrene	ND	100	ug/kg
Benzo[b]fluoranthene	ND	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	ND	100	ug/kg
Chrysene	1200	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	2300	100	ug/kg
Fluorene	230	100	ug/kg
Indeno[1,2,3-cd]pyrene	ND	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	2300	100	ug/kg
Pyrene	2000	100	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 9

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#: 51179
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-09

Matrix: Solid
Percent Moisture: 5.6
Sample Weight/Volume: 30.25 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4121123.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	14
11104-28-2	Aroclor 1221	ND	14
11141-16-5	Aroclor 1232	ND	14
53469-21-9	Aroclor 1242	ND	14
12672-29-6	Aroclor 1248	ND	14
11097-69-1	Aroclor 1254	ND	14
11096-82-5	Aroclor 1260	ND	14

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	79%	30%-150%
Decachlorobiphenyl	93%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	10	Sample Description:	841061130-10
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	8.1
Date Analyzed:	12/11/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	11000	ug/kg
C19-C36 Aliphatics	1	ND	11000	ug/kg
C11-C22 Aromatics*	1	ND	11000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	40	40%-140%
2-Bromonaphthalene	90	40%-140%
2-Fluorobiphenyl	88	40%-140%
o-Terphenyl	41	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	110	ug/kg
Acenaphthene	ND	110	ug/kg
Acenaphthylene	ND	110	ug/kg
Anthracene	ND	110	ug/kg
Benzo[a]anthracene	ND	110	ug/kg
Benzo[a]pyrene	ND	110	ug/kg
Benzo[b]fluoranthene	ND	110	ug/kg
Benzo[g,h,i]perylene	ND	110	ug/kg
Benzo[k]fluoranthene	ND	110	ug/kg
Chrysene	ND	110	ug/kg
Dibenz[a,h]anthracene	ND	110	ug/kg
Fluoranthene	ND	110	ug/kg
Fluorene	ND	110	ug/kg
Indeno[1,2,3-cd]pyrene	ND	110	ug/kg
Naphthalene	ND	110	ug/kg
Phenanthrene	ND	110	ug/kg
Pyrene	ND	110	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 10

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#: 51179
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-10

Matrix: Solid
Percent Moisture: 8.1
Sample Weight/Volume: 30.62 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4121124.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	14
11104-28-2	Aroclor 1221	ND	14
11141-16-5	Aroclor 1232	ND	14
53469-21-9	Aroclor 1242	ND	14
12672-29-6	Aroclor 1248	ND	14
11097-69-1	Aroclor 1254	ND	14
11096-82-5	Aroclor 1260	ND	14

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	71%	30%-150%
Decachlorobiphenyl	78%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	11	Sample Description:	841061130-11
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	6.6
Date Analyzed:	12/09/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	11000	ug/kg
C19-C36 Aliphatics	1	24000	11000	ug/kg
C11-C22 Aromatics*	1	92000	11000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	61	40%-140%
2-Bromonaphthalene	67	40%-140%
2-Fluorobiphenyl	76	40%-140%
o-Terphenyl	46	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	110	ug/kg
Acenaphthene	ND	110	ug/kg
Acenaphthylene	260	110	ug/kg
Anthracene	340	110	ug/kg
Benzo[a]anthracene	560	110	ug/kg
Benzo[a]pyrene	ND	110	ug/kg
Benzo[b]fluoranthene	ND	110	ug/kg
Benzo[g,h,i]perylene	ND	110	ug/kg
Benzo[k]fluoranthene	ND	110	ug/kg
Chrysene	810	110	ug/kg
Dibenz[a,h]anthracene	ND	110	ug/kg
Fluoranthene	940	110	ug/kg
Fluorene	ND	110	ug/kg
Indeno[1,2,3-cd]pyrene	ND	110	ug/kg
Naphthalene	ND	110	ug/kg
Phenanthrene	470	110	ug/kg
Pyrene	990	110	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 11

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#: 51179
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-11

Matrix: Solid
Percent Moisture: 6.6
Sample Weight/Volume: 30.84 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4121125.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	14
11104-28-2	Aroclor 1221	ND	14
11141-16-5	Aroclor 1232	ND	14
53469-21-9	Aroclor 1242	ND	14
12672-29-6	Aroclor 1248	ND	14
11097-69-1	Aroclor 1254	ND	14
11096-82-5	Aroclor 1260	ND	14

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	64%	30%-150%
Decachlorobiphenyl	87%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	12	Sample Description:	841061130-12
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	14.7
Date Analyzed:	12/11/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	12000	ug/kg
C19-C36 Aliphatics	1	ND	12000	ug/kg
C11-C22 Aromatics*	1	ND	12000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	59	40%-140%
2-Bromonaphthalene	53	40%-140%
2-Fluorobiphenyl	55	40%-140%
o-Terphenyl	40	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	120	ug/kg
Acenaphthene	ND	120	ug/kg
Acenaphthylene	ND	120	ug/kg
Anthracene	ND	120	ug/kg
Benzo[a]anthracene	ND	120	ug/kg
Benzo[a]pyrene	ND	120	ug/kg
Benzo[b]fluoranthene	ND	120	ug/kg
Benzo[g,h,i]perylene	ND	120	ug/kg
Benzo[k]fluoranthene	ND	120	ug/kg
Chrysene	ND	120	ug/kg
Dibenz[a,h]anthracene	ND	120	ug/kg
Fluoranthene	ND	120	ug/kg
Fluorene	ND	120	ug/kg
Indeno[1,2,3-cd]pyrene	ND	120	ug/kg
Naphthalene	ND	120	ug/kg
Phenanthrene	ND	120	ug/kg
Pyrene	ND	120	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 12

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#: 51179
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-12

Matrix: Solid
Percent Moisture: 14.7
Sample Weight/Volume: 30.38 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4121126.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	15
11104-28-2	Aroclor 1221	ND	15
11141-16-5	Aroclor 1232	ND	15
53469-21-9	Aroclor 1242	ND	15
12672-29-6	Aroclor 1248	ND	15
11097-69-1	Aroclor 1254	ND	15
11096-82-5	Aroclor 1260	ND	15

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	65%	30%-150%
Decachlorobiphenyl	69%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	13	Sample Description:	841061130-13
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	8.6
Date Analyzed:	12/08/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	ND	10000	ug/kg
C11-C22 Aromatics*	1	52000	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	54	40%-140%
2-Bromonaphthalene	76	40%-140%
2-Fluorobiphenyl	71	40%-140%
o-Terphenyl	54	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	200	100	ug/kg
Acenaphthene	560	100	ug/kg
Acenaphthylene	150	100	ug/kg
Anthracene	1800	100	ug/kg
Benzo[a]anthracene	2800	100	ug/kg
Benzo[a]pyrene	2200	100	ug/kg
Benzo[b]fluoranthene	2600	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	1100	100	ug/kg
Chrysene	2800	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	6700	100	ug/kg
Fluorene	630	100	ug/kg
Indeno[1,2,3-cd]pyrene	ND	100	ug/kg
Naphthalene	260	100	ug/kg
Phenanthrene	7600	100	ug/kg
Pyrene	6000	100	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 13

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/12/06 By: LM
Method: 8082
QC Batch#: 51179
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-13

Matrix: Solid
Percent Moisture: 8.6
Sample Weight/Volume: 30.33 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4121129.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	14
11104-28-2	Aroclor 1221	ND	14
11141-16-5	Aroclor 1232	ND	14
53469-21-9	Aroclor 1242	ND	14
12672-29-6	Aroclor 1248	ND	14
11097-69-1	Aroclor 1254	ND	14
11096-82-5	Aroclor 1260	ND	14

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	81%	30%-150%
Decachlorobiphenyl	85%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	14	Sample Description:	841061130-14
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	8.9
Date Analyzed:	12/09/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	38000	10000	ug/kg
C11-C22 Aromatics*	1	81000	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	57	40%-140%
2-Bromonaphthalene	74	40%-140%
2-Fluorobiphenyl	73	40%-140%
o-Terphenyl	54	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	120	100	ug/kg
Anthracene	ND	100	ug/kg
Benzo[a]anthracene	ND	100	ug/kg
Benzo[a]pyrene	ND	100	ug/kg
Benzo[b]fluoranthene	230	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	ND	100	ug/kg
Chrysene	440	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	ND	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	ND	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	ND	100	ug/kg
Pyrene	ND	100	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 14

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/12/06 By: LM
Method: 8082
QC Batch#: 51179
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-14

Matrix: Solid
Percent Moisture: 8.9
Sample Weight/Volume: 30.22 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4121130.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	14
11104-28-2	Aroclor 1221	ND	14
11141-16-5	Aroclor 1232	ND	14
53469-21-9	Aroclor 1242	ND	14
12672-29-6	Aroclor 1248	ND	14
11097-69-1	Aroclor 1254	ND	14
11096-82-5	Aroclor 1260	ND	14

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	66%	30%-150%
Decachlorobiphenyl	87%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	15	Sample Description:	841061130-15
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	11.6
Date Analyzed:	12/08/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	11000	ug/kg
C19-C36 Aliphatics	1	ND	11000	ug/kg
C11-C22 Aromatics*	1	ND	11000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	68	40%-140%
2-Bromonaphthalene	74	40%-140%
2-Fluorobiphenyl	80	40%-140%
o-Terphenyl	59	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	110	ug/kg
Acenaphthene	ND	110	ug/kg
Acenaphthylene	ND	110	ug/kg
Anthracene	ND	110	ug/kg
Benzo[a]anthracene	ND	110	ug/kg
Benzo[a]pyrene	ND	110	ug/kg
Benzo[b]fluoranthene	ND	110	ug/kg
Benzo[g,h,i]perylene	ND	110	ug/kg
Benzo[k]fluoranthene	ND	110	ug/kg
Chrysene	ND	110	ug/kg
Dibenz[a,h]anthracene	ND	110	ug/kg
Fluoranthene	ND	110	ug/kg
Fluorene	ND	110	ug/kg
Indeno[1,2,3-cd]pyrene	ND	110	ug/kg
Naphthalene	ND	110	ug/kg
Phenanthrene	ND	110	ug/kg
Pyrene	ND	110	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 15

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/11/06 By: MM
Date Analyzed: 12/12/06 By: LM
Method: 8082
QC Batch#: 51179
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-15

Matrix: Solid
Percent Moisture: 11.6
Sample Weight/Volume: 9.93 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4121131.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	46
11104-28-2	Aroclor 1221	ND	46
11141-16-5	Aroclor 1232	ND	46
53469-21-9	Aroclor 1242	ND	46
12672-29-6	Aroclor 1248	ND	46
11097-69-1	Aroclor 1254	ND	46
11096-82-5	Aroclor 1260	ND	46

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	71%	30%-150%
Decachlorobiphenyl	76%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	16	Sample Description:	841061130-16
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	6.2
Date Analyzed:	12/08/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	11000	ug/kg
C19-C36 Aliphatics	1	ND	11000	ug/kg
C11-C22 Aromatics*	1	ND	11000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	64	40%-140%
2-Bromonaphthalene	75	40%-140%
2-Fluorobiphenyl	77	40%-140%
o-Terphenyl	55	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	110	ug/kg
Acenaphthene	ND	110	ug/kg
Acenaphthylene	ND	110	ug/kg
Anthracene	ND	110	ug/kg
Benzo[a]anthracene	ND	110	ug/kg
Benzo[a]pyrene	ND	110	ug/kg
Benzo[b]fluoranthene	ND	110	ug/kg
Benzo[g,h,i]perylene	ND	110	ug/kg
Benzo[k]fluoranthene	ND	110	ug/kg
Chrysene	ND	110	ug/kg
Dibenz[a,h]anthracene	ND	110	ug/kg
Fluoranthene	ND	110	ug/kg
Fluorene	ND	110	ug/kg
Indeno[1,2,3-cd]pyrene	ND	110	ug/kg
Naphthalene	ND	110	ug/kg
Phenanthrene	ND	110	ug/kg
Pyrene	ND	110	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 16

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/11/06 By: MM
Date Analyzed: 12/12/06 By: LM
Method: 8082
QC Batch#: 51179
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-16

Matrix: Solid
Percent Moisture: 6.2
Sample Weight/Volume: 9.88 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4121132.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	43
11104-28-2	Aroclor 1221	ND	43
11141-16-5	Aroclor 1232	ND	43
53469-21-9	Aroclor 1242	ND	43
12672-29-6	Aroclor 1248	ND	43
11097-69-1	Aroclor 1254	ND	43
11096-82-5	Aroclor 1260	ND	43

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	73%	30%-150%
Decachlorobiphenyl	80%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612052	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	17	Sample Description:	841061130-17
Preservative	None		
		Dilution (Target):	1
Date Collected:	11/30/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/04/06	Percent Moisture:	9.3
Date Analyzed:	12/08/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	ND	10000	ug/kg
C11-C22 Aromatics*	1	ND	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	56	40%-140%
2-Bromonaphthalene	81	40%-140%
2-Fluorobiphenyl	77	40%-140%
o-Terphenyl	49	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	ND	100	ug/kg
Anthracene	ND	100	ug/kg
Benzo[a]anthracene	ND	100	ug/kg
Benzo[a]pyrene	ND	100	ug/kg
Benzo[b]fluoranthene	ND	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	ND	100	ug/kg
Chrysene	ND	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	ND	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	ND	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	ND	100	ug/kg
Pyrene	ND	100	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612052
PL Sample No: 17

Date Collected: 11/30/2006
Date Received: 12/1/2006
Date Extracted: 12/11/06 By: MM
Date Analyzed: 12/12/06 By: LM
Method: 8082
QC Batch#: 51179
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061130-17

Matrix: Solid
Percent Moisture: 9.3
Sample Weight/Volume: 9.85 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4121133.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	45
11104-28-2	Aroclor 1221	ND	45
11141-16-5	Aroclor 1232	ND	45
53469-21-9	Aroclor 1242	ND	45
12672-29-6	Aroclor 1248	ND	45
11097-69-1	Aroclor 1254	ND	45
11096-82-5	Aroclor 1260	ND	45

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	56%	30%-150%
Decachlorobiphenyl	60%	30%-150%

E612-052

FUSS & O'NEILL
Disciplines to Deliver
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
- ☐ 56 Quarry Road, Trumbull, CT 06611
- ☐ 1419 Richland Street, Columbia, SC 29201
- ☐ 78 Interstate Drive, West Springfield, MA 01089
- ☐ 610 Lynndale Court, Suite E, Greenville, NC 27858
- ☐ 24 Madison Avenue Extension, Albany, NY 12203
- ☑ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
- ☐ Other _____

CHAIN-OF-CUSTODY RECORD 10633

Turnaround
☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☑ Standard (____ days) *Surcharge Applies

PROJECT NAME: New-Style Phase II
PROJECT LOCATION: Franklin, MA
PROJECT NUMBER: 20050458.B10
LABORATORY: Premier

REPORT TO: David Foss
INVOICE TO: David Foss
P.O. No.: 8412005045 8-B10
Sampler's Signature: [signature] Date: 11/30/06

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Bottom Sediment A=Air
X=Other _____

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	VOCs by Method 8260	PP-13 metals	Barium by 6010A	Cyanide	PCBs by 8082	VPH by MADEP Method	EPH by MADEP Method	Soil VOA Vial, [✓] methanol [ ] sodium bisulfate	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other: VOA Preserved	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] 500 [ ] 1000 ml	Plastic - As is, [ ] 250 ml [ ] 500 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered	Plastic - NaOH, 250 ml	Bacteria Bottle	Comments
1	✓				841006 1130-01	S	11/30/06	0900	✓	✓	✓	✓	✓	✓	✓		1	2		2								
2	↓				-02	↓	↓	0910	↓	↓	↓	↓	↓	↓	↓		↓	↓		↓								
3	↓				-03	↓	↓	1010	↓	↓	↓	↓	↓	↓	↓		↓	↓		↓								
4	↓				-04	↓	↓	1015	↓	↓	↓	↓	↓	↓	↓		↓	↓		↓								
5	↓				-05	↓	↓	1055	↓	↓	↓	↓	↓	↓	↓		↓	↓		↓								
6	↓				-06	↓	↓	1105	↓	↓	↓	↓	↓	↓	↓		↓	↓		↓								
7	↓				-07	↓	↓	1220	↓	↓	↓	↓	↓	↓	↓		↓	↓		↓								
8	↓				-08	↓	↓	1230	↓	↓	↓	↓	↓	↓	↓		↓	↓		↓								
9	↓				-09	↓	↓	1255	↓	↓	↓	↓	↓	↓	↓		↓	↓		↓								
10	↓				-10	↓	↓	1300	↓	↓	↓	↓	↓	↓	↓		↓	↓		↓								

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	F&O office	11/30/06	1715
2	F&O office	[signature]	12/1/06	0940
3	[signature]	[signature]	12/1/06	0940
4	[signature]	[signature]	12/1/06	1350

Reporting and Detection Limit Requirements:
MCP Data Enhancement Project, MADEP S-1 Standard

Additional Comments:
- see QA/QC Checklist attached

3°C

E612052

FUSS & O'NEILL
Disciplines to Deliver
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
- ☐ 56 Quarry Road, Trumbull, CT 06611
- ☐ 1419 Richland Street, Columbia, SC 29201
- ☐ 78 Interstate Drive, West Springfield, MA 01089
- ☐ 610 Lyndale Court, Suite E, Greenville, NC 27858
- ☐ 24 Madison Avenue Extension, Albany, NY 12203
- ☑ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
- ☐ Other _____

CHAIN-OF-CUSTODY RECORD 10634

Turnaround
☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☑ Standard (____ days) *Surcharge Applies

PROJECT NAME: Nu-Style Phase II
PROJECT LOCATION: Franklin, MA
PROJECT NUMBER: 20050458.B10
LABORATORY: Premier

REPORT TO: David Foss
INVOICE TO: David Foss
P.O. No.: 841-20050458.B10
Sampler's Signature: [signature] Date: 11/30/06

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Bottom Sediment A=Air
X=Other MeOH only (Trip Blank)

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	VOCs by 8260	EP-13 Metals	Barium by 6010B	Total Cyanide	PCBs by 8082	VPH by MADEP Method	EPH by MADEP Method	Soil VOA Vial, [✓] methanol [ ] sodium bisulfate	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other: VOA nonpreserved	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] 250 ml [ ] 500 ml 1000 ml	Plastic - As is, [ ] 250 ml [ ] 500 ml [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered	Plastic - NaOH, 250 ml	Bacteria Bottle	Comments
11	✓				841061130-11	S	11/30/06	1340	✓	✓	✓	✓	✓	✓	✓	1	2		2									
12	↓				-12	↓	↓	1350	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓									
13	↓				-13	↓	↓	1420	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓									
14	↓				-14	↓	↓	1435	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓									
15	↓				-15	↓	↓	1505	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓									
16	↓				-16	↓	↓	1515	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓									
17	↓				-17	↓	↓	1525	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓									
18	↓				↓ -18	~~↓~~	↓	1600	↓							↓												Trip Blank

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	F&O Office	11/30/06	1715
2	F&O Office	[signature]	12/1/06	0940
3	[signature]	[signature]	12/1/06	0940
4	[signature]	[signature]	12-1-06	1550

Reporting and Detection Limit Requirements: MCP Data Enhancement Project, MADEP S-1 Standard

Additional Comments: -see attached checklist

5°C

Premier
Laboratory, LLC
61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

ANALYTICAL DATA REPORT

Report Number: E612052
Project: 20050458.B10/Nu-Style Phase II

prepared for:

Fuss & O'Neill
275 Promenade Street
Providence, RI 02908

Attn: David Foss

Received Date: 12/1/2006
Report Date: 12/18/2006

Premier Laboratory, LLC
Authorized Signature

Certifications:
CT (PH-0465), MA (M-CT008), ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246)

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
1. SDG Project Narratives	☒	☐	
2. Traffic Report	☐	☐	N/A
3. Volatiles Data			
a. Sample Data			
Target Compound List (TCL) Results	☒	☐	
Reconstructed total ion chromatograms (RIC) for each Sample	☒	☐	
For each sample:			
Raw spectra and background-subtracted mass spectra of target compounds identified	☒	☐	
Mass spectra of all reported TICs with three best library matches	☐	☒	
Percent solids calculations	☒	☐	
b. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Area Summary	☒	☐	For 8260 only
c. Raw QC Data			
Blank Data	☒	☐	
Matrix Spike Data	☒	☐	For 8260
Matrix Spike Duplicate Data	☒	☐	only
4. Semivolatiles Data			
a. QC Summary			
Surrogate Percent Recovery Summary	☒	☐	
MS/MSD Summary	☒	☐	For 8082 only
Method Blank Summary	☒	☐	
Tuning and Mass Calibration	☐	☒	

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
b. Sample Data			
TCL Results	☒	☐	
Tentatively Identified Compounds	☐	☒	
Reconstructed total ion chromatograms (RIC) for each Sample	☒	☐	
For each sample:			
Raw spectra and background-subtracted mass spectra of TCL compounds	☐	☒	
Mass spectra of TICs with 3 best library matches	☐	☒	
GPC chromatograms (if GPC performed)	☐	☐	N/A
c. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Areas Summary	☐	☒	
Internal Standard Areas Summary	☐	☒	
d. Raw QC Data			
Decafluorotripbenylphosphine (DFTPP)	☐	☒	
Blank Data	☒	☐	
Matrix Spike Data	☒	☐	For 8082
Matrix Spike Duplicate Data	☒	☐	only
5. Miscellaneous Data			
Original preparation and analysis forms or copies of preparation and analysis log book pages	☒	☐	
Internal sample & sample extract transfer chain-of custody records	☐	☒	
Screening Records	☐	☒	
All instrument output, including strip charts from screening activities (describe or list)	☐	☐	N/A

FUSS & O'NEILL

INITIAL DATE: OCTOBER 2006
REVISION DATE: OCTOBER 2006
REVISION: 1.0

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
6. Chain-of-Custody Records	☒	☐	
Sample Log-in Sheet (Lab & DC1)	☐	☒	
Miscellaneous Shipping/Receiving Records (describe or list)	☐	☐	N/A
7. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)	☒	☐	Log Books
8. Other Records (describe or list) Inst run log Books	☒	☐	

9. Comments:

** See laboratory Quality Assurance Plan for limits.

Completed by: (Lab) (Signature) Michael McCallum (Printed Name/Title) 12/27/06 Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: (Lab) (Signature) Robert Stevenson/Lab Director (Printed Name/Title) 1-3-07 Date

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Inorganic Analysis Data Sheet	☑	☐	
3.	Initial and Continuing Calibration Verification	☑	☐	
4.	CRDL Standard for AA and ICP	☑	☐	
5.	Blanks	☑	☐	
6.	ICP Interference Check Sample	☑	☐	
7.	Spike Sample Recovery	☑	☐	
8.	Post Digest Spike Sample Recovery	☐	☑	NA
9.	Duplicates	☑	☐	
10.	Laboratory Control Sample	☑	☐	
11.	Standard Addition Results	☐	☑	NA
12.	ICP Serial Dilutions	☑	☐	
13.	Instrument Detection Limits, Quarterly	☑	☐	
14.	ICP Interelement Correction Factors, Annually	☑	☐	
15.	ICP Linear Ranges Quarterly	☑	☐	
16.	Preparation Log	☑	☐	
17.	Analysis Run Log	☑	☐	
18.	ICP Raw Data	☑	☐	
19.	Furnace AA Raw Data	☐	☑	NA
20.	Mercury Raw Data	☑	☐	
21.	Percent Solids Calculations	☑	☐	
22.	Digestion Logs	☑	☐	
23.	EPA Shipping/Receiving Records (List all individual records)	☐	☐	
	Chain-of Custody Records	☑	☐	
	Sample Log-In sheet	☐	☐	
24.	Miscellaneous Shipping/Receiving Records (List all individual records)	☐	☐	

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

		YES	NO	COMMENTS
25.	Internal Lab Sample Transfer Records and Tracking Sheets (Describe or List) logbook			
26.	Internal Original Sample Preparation and analysis Records (Describe or List	☐	☐	
	Preparation Records	☑	☐	logbook
	Analysis Records	☑	☐	hardcopy + electronic
	Description	☐	☐	
27.	Other Records (Describe or List)			
28.	Comments:			

** See laboratory Quality Assurance Plan for limits.

Completed by: (Lab) (Signature) Robert Stevenson/Lab Director (Printed Name/Title) 1-8-07 Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: (Lab) (Signature) Robert Stevenson/Lab Director (Printed Name/Title) 1-8-07 Date

FUSS & O'NEILL

Modified Tier I
Data Validation Narrative
and Certification

Project: 20050458B10, Former Nu-Style Company, Inc. Facility

Premier Laboratory Project Number:	E612024
Date Samples Received at Laboratory:	12/1/2006
Date of Review:	1/11/2007

Seven soil samples were collected and submitted to Premier Laboratory, LLC in Dayville, Connecticut for analysis of volatile organic compounds (VOCs) by EPA Method 8260B, priority pollutant metals plus barium by EPA Methods 6010B and 7471, cyanide by EPA Method 9012, polychlorinated biphenyls (PCBs) by EPA Method 8082, and petroleum hydrocarbons by Massachusetts Department of Environmental Protection (MADEP) Methods Extractable Petroleum Hydrocarbons (EPH) and Volatile Petroleum Hydrocarbons (VPH). One aqueous trip blank was also submitted for analysis of VOCs by EPA Method 8260B. Dedicated sampling equipment was employed; therefore, no equipment blank was indicated. A field duplicate was collected and submitted during the first day of sampling.

Samples were analyzed within method-specified holding times and in accordance with the Massachusetts Contingency Plan (MCP) Compendium of Analytical Methods (CAM) data enhancement protocols.

I certify that the field and laboratory data associated with the above referenced project, to the best of my knowledge with the exceptions noted above, are compliant with the Quality Assurance Project Plan for the Former Nu-Style Company, Inc. Facility located in Franklin, Massachusetts dated September 2006.

Certified by:

Kevin W. Miller, Ph.D.
QA/QC Officer

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
MODIFIED TIER I COMPLETENESS CHECKLIST

	YES	NO
1. SAMPLING AND FIELD MEASUREMENTS:		
Field measurement calibration records	☑	☐
Groundwater field measurements (if applicable)	☐	☐ N/A
Soil sampling field measurements (if applicable)	☑	☐
Sediment sampling field measurements (if applicable)	☐	☐ N/A
Surface water sampling field measurements (if applicable)	☐	☐ N/A
Low-flow sampling field measurements (if applicable)	☐	☐ N/A
Documentation of field activities	☑	☐
Sample numbering and labeling	☑	☐
Chain-of-Custody records	☑	☐
Trip blanks	☑	☐
Duplicate samples	☐	☐ N/A
Equipment blanks	☐	☐ N/A
Split samples (if any)	☐	☐ N/A
2. LABORATORY MEASUREMENTS:		
Trip blanks	☑	☐
Instrument blanks	☑	☐
Laboratory control samples	☑	☐
Duplicates samples	☐	☐ N/A
Equipment blanks	☐	☐ N/A
Matrix spike/matrix spike duplicates	☐	☐ N/A
Analysis type	☑	☐
Chain-of-Custody records	☑	☐
Surrogate recoveries	☑	☐
Sample Project Narratives	☑	☐
Split samples (if any)	☐	☐ N/A
TOTAL:	13	0

PERCENT COMPLETE: 100 %

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

ANALYTICAL DATA REPORT

Report Number: E612024
Project: 20050458.B10/Nu-Style Phase II

prepared for:

Fuss & O'Neill
275 Promenade Street
Providence, RI 02908

Attn: David Foss

Received Date: 12/1/2006
Report Date: 3/13/2007

Premier Laboratory, LLC
Authorized Signature

Certifications:
CT (PH-0465), MA (M-CT008), ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (R1246)

Premier Laboratory, LLC
61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Premier Laboratory, LLC — Project #: E612024

Project Location: Franklin, MA — MADEP RTN[1]:

This Form provides certifications for the following data set:[list Laboratory Sample ID Number(s)]
1, 2, 3, 4, 5, 6, 7, 8

Sample Matrices: ☐ Groundwater ☒ Soil/Sediment ☐ Drinking Water ☐ Other

MCP SW-846 Methods Used					
	8260B ☒	8151A ☐	8330 ☐	6010B ☒	7470A/1A ☒
	8270C ☐	8081A ☐	VPH ☒	6020 ☐	9014M[2] ☐
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	8082 ☒	8021B ☐	EPH ☒	7000 S[3] ☐	7196A ☐

1 List Release Tracking Number (RTN), if known
2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S - SW-846 Methods 7000 Series List individual method and analyte.

An affirmative response to questions A, B, C, and D is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	☒ Yes ☐ No[1]
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	☒ Yes ☐ No[1]
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 (a),(b),(c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☒ Yes ☐ No[1]
D	***VPH and EPH Methods only:*** Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	☒ Yes ☐ No[1]

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	☒ Yes ☐ No[1]
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☒ Yes ☐ No[1]

[1]*All NO answers must be addressed in an attached Environmental Laboratory case narrative.*

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

Signature: _____ Position: Laboratory Director

Printed Name: Robert Stevenson Date: 3/13/2007

Premier
Laboratory, LLC
61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

Report No: E612024
Client: Fuss & O'Neill
Project: 20050458.B10/Nu-Style Phase II

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory received eight samples from Fuss & O'Neill on 12/01/2006. The samples were analyzed from the following list of analyses:

Cyanide, Total, by 9012 in GW/SW
9012[9012]
Mercury by 7471 in SW
7471[7471]
Trace Priority Pollutant (13) Metals in Soil
6010B[3000], 7471[7471]
Volatiles by 8260B in GW/SW
8260B
Extractable Petroleum Hydrocarbon (EPH)
MADEP EPH[MADEP EPH]
Moisture, Percent
PCB's by 8082 in GW/SW
8082[3500]
Volatile Petroleum Hydrocarbon (VPH)
MADEP VPH

In order to meet requested detection limits, EDB results were estimated to 3 ppb for EPA method 8260B. Dibromochloromethane, 1,2-Dichlorobenzene and 1,1,2,2-Tetrachloroethane were all estimated to a value of 5.0 ppb. This value of 5.0 ppb corresponds to the lowest level of calibration on the instrument prior to the % solid value being calculated into the reported detection limits. The samples were ND for all estimated compounds to their respective values.

Variances:

SDG:

A full list 8260B LCS was run and met the applicable recovery criteria for "Presumptive Certainty". An LCS Duplicate encompasing all target compounds was not run for EPA method 8260B. Both an LCS and LCSD were analyzed for the oxygenate compounds only.

Method:

None reported.

QA/QC:

Sample 1A, 841061201-19, Volatiles by 8260B: Three internal standards were outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

Sample 1A, 841061201-19, Volatiles by 8260B: Two surrogate spikes were outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the surrogate was still outside of the limits.

Premier
Laboratory, LLC
61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

Report No: E612024
Client: Fuss & O'Neill
Project: 20050458.B10/Nu-Style Phase II

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY (continued)

QA/QC (continued):

Sample 2A, 841061201-20, Volatiles by 8260B: One internal standard was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

Sample 5A, 841061201-23, Volatiles by 8260B: One internal standard was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

Sample 5A, 841061201-23, Volatiles by 8260B: One surrogate spike was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the surrogate was still outside of the limits.

Sample 6A, 841061201-24, Volatiles by 8260B: One internal standard was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

Sample 7A, 841061201-25, Volatiles by 8260B: One internal standard was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standard was still outside the limits.

Sample 7A, 841061201-25, Volatiles by 8260B: Two surrogate spikes were outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the surrogate was still outside of the limits.

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612024
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed		By	Dilution
(1) 841061201-19							
Date Collected: 12/1/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.54	mg/kg	12/06/06	12:02	DDD	
Trace Metals by 6010B							
Antimony	6.5	0.50	mg/kg	12/05/06		BSZ	
Arsenic	3.1	0.50	mg/kg	12/05/06		BSZ	
Barium	110	0.50	mg/kg	12/05/06		BSZ	
Beryllium	0.37	0.050	mg/kg	12/05/06		BSZ	
Cadmium	0.54	0.10	mg/kg	12/05/06		BSZ	
Chromium	27	0.50	mg/kg	12/05/06		BSZ	
Copper	29	0.50	mg/kg	12/05/06		BSZ	
Lead	780	2.2	mg/kg	12/05/06		BSZ	10
Nickel	6.4	0.50	mg/kg	12/05/06		BSZ	
Selenium	ND	0.50	mg/kg	12/05/06		BSZ	
Silver	ND	0.10	mg/kg	12/05/06		BSZ	
Thallium	ND	0.25	mg/kg	12/05/06		BSZ	
Zinc	310	0.50	mg/kg	12/05/06		BSZ	
Mercury by SW-846 7471 in SW	0.073	0.022	mg/kg	12/05/06		AM	
(2) 841061201-20							
Date Collected: 12/1/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.58	mg/kg	12/06/06	12:03	DDD	
Trace Metals by 6010B							
Antimony	6.9	0.50	mg/kg	12/05/06		BSZ	
Arsenic	ND	0.50	mg/kg	12/05/06		BSZ	
Barium	55	0.50	mg/kg	12/05/06		BSZ	
Beryllium	0.17	0.050	mg/kg	12/05/06		BSZ	
Cadmium	0.18	0.10	mg/kg	12/05/06		BSZ	
Chromium	26	0.50	mg/kg	12/05/06		BSZ	
Copper	9.5	0.50	mg/kg	12/05/06		BSZ	
Lead	310	0.20	mg/kg	12/05/06		BSZ	
Nickel	6.3	0.50	mg/kg	12/05/06		BSZ	
Selenium	ND	0.50	mg/kg	12/05/06		BSZ	
Silver	ND	0.10	mg/kg	12/05/06		BSZ	
Thallium	ND	0.25	mg/kg	12/05/06		BSZ	
Zinc	84	0.50	mg/kg	12/05/06		BSZ	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612024
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed		By	Dilution
(2) 841061201-20 (continued)							
Date Collected: 12/1/2006 Matrix: Solid							
Mercury by SW-846 7471 in SW	ND	0.023	mg/kg	12/05/06		AM	
(3) 841061201-21							
Date Collected: 12/1/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.55	mg/kg	12/06/06	12:04	DDD	
Trace Metals by 6010B							
Antimony	ND	0.50	mg/kg	12/05/06		BSZ	
Arsenic	ND	0.50	mg/kg	12/05/06		BSZ	
Barium	16	0.50	mg/kg	12/05/06		BSZ	
Beryllium	0.70	0.050	mg/kg	12/05/06		BSZ	
Cadmium	ND	0.10	mg/kg	12/05/06		BSZ	
Chromium	5.2	0.50	mg/kg	12/05/06		BSZ	
Copper	6.3	0.50	mg/kg	12/05/06		BSZ	
Lead	2.9	0.20	mg/kg	12/05/06		BSZ	
Nickel	3.6	0.50	mg/kg	12/05/06		BSZ	
Selenium	ND	0.50	mg/kg	12/05/06		BSZ	
Silver	ND	0.10	mg/kg	12/05/06		BSZ	
Thallium	ND	0.27	mg/kg	12/05/06		BSZ	
Zinc	22	0.50	mg/kg	12/05/06		BSZ	
Mercury by SW-846 7471 in SW	0.023	0.022	mg/kg	12/05/06		AM	
(4) 841061201-22							
Date Collected: 12/1/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.54	mg/kg	12/06/06	12:07	DDD	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612024
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed		By	Dilution
(4) 841061201-22 (continued)							
Date Collected: 12/1/2006 Matrix: Solid							
Trace Metals by 6010B							
Antimony	ND	0.50	mg/kg	12/05/06		BSZ	
Arsenic	ND	0.50	mg/kg	12/05/06		BSZ	
Barium	9.6	0.50	mg/kg	12/05/06		BSZ	
Beryllium	0.91	0.050	mg/kg	12/05/06		BSZ	
Cadmium	ND	0.10	mg/kg	12/05/06		BSZ	
Chromium	1.9	0.50	mg/kg	12/05/06		BSZ	
Copper	1.9	0.50	mg/kg	12/05/06		BSZ	
Lead	4.8	0.20	mg/kg	12/05/06		BSZ	
Nickel	1.0	0.50	mg/kg	12/05/06		BSZ	
Selenium	ND	0.50	mg/kg	12/05/06		BSZ	
Silver	ND	0.10	mg/kg	12/05/06		BSZ	
Thallium	ND	0.27	mg/kg	12/08/06		BSZ	
Zinc	15	0.50	mg/kg	12/05/06		BSZ	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	12/05/06		AM	
(5) 841061201-23							
Date Collected: 12/1/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.54	mg/kg	12/06/06	12:08	DDD	
Trace Metals by 6010B							
Antimony	ND	0.54	mg/kg	12/05/06		BSZ	
Arsenic	1.8	0.54	mg/kg	12/05/06		BSZ	
Barium	23	0.54	mg/kg	12/05/06		BSZ	
Beryllium	0.16	0.054	mg/kg	12/05/06		BSZ	
Cadmium	0.26	0.11	mg/kg	12/08/06		BSZ	
Chromium	5.4	0.54	mg/kg	12/05/06		BSZ	
Copper	8.5	0.54	mg/kg	12/05/06		BSZ	
Lead	17	0.22	mg/kg	12/05/06		BSZ	
Nickel	3.2	0.54	mg/kg	12/05/06		BSZ	
Selenium	ND	0.54	mg/kg	12/05/06		BSZ	
Silver	ND	0.11	mg/kg	12/05/06		BSZ	
Thallium	ND	0.27	mg/kg	12/05/06		BSZ	
Zinc	48	0.54	mg/kg	12/05/06		BSZ	
Mercury by SW-846 7471 in SW	0.032	0.022	mg/kg	12/05/06		AM	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612024
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed		By	Dilution
(6) 841061201-24							
Date Collected: 12/1/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.6	mg/kg	12/06/06	12:09	DDD	
Trace Metals by 6010B							
Antimony	ND	0.60	mg/kg	12/05/06		BSZ	
Arsenic	ND	0.60	mg/kg	12/05/06		BSZ	
Barium	34	0.60	mg/kg	12/05/06		BSZ	
Beryllium	0.38	0.060	mg/kg	12/05/06		BSZ	
Cadmium	ND	0.12	mg/kg	12/05/06		BSZ	
Chromium	4.4	0.60	mg/kg	12/05/06		BSZ	
Copper	2.9	0.60	mg/kg	12/05/06		BSZ	
Lead	4.3	0.24	mg/kg	12/05/06		BSZ	
Nickel	1.7	0.60	mg/kg	12/05/06		BSZ	
Selenium	ND	0.60	mg/kg	12/05/06		BSZ	
Silver	ND	0.12	mg/kg	12/05/06		BSZ	
Thallium	ND	0.30	mg/kg	12/08/06		BSZ	
Zinc	8.4	0.60	mg/kg	12/05/06		BSZ	
Mercury by SW-846 7471 in SW	ND	0.024	mg/kg	12/05/06		AM	
(7) 841061201-25							
Date Collected: 12/1/2006 Matrix: Solid							
Cyanide, Total, by SW-846 9012	ND	0.56	mg/kg	12/06/06	12:10	DDD	
Trace Metals by 6010B							
Antimony	ND	0.56	mg/kg	12/08/06		BSZ	
Arsenic	3.1	0.56	mg/kg	12/05/06		BSZ	
Barium	30	0.56	mg/kg	12/05/06		BSZ	
Beryllium	0.26	0.056	mg/kg	12/05/06		BSZ	
Cadmium	0.19	0.11	mg/kg	12/05/06		BSZ	
Chromium	6.0	0.56	mg/kg	12/05/06		BSZ	
Copper	37	0.56	mg/kg	12/05/06		BSZ	
Lead	93	0.22	mg/kg	12/05/06		BSZ	
Nickel	130	0.56	mg/kg	12/05/06		BSZ	
Selenium	ND	0.56	mg/kg	12/05/06		BSZ	
Silver	ND	0.11	mg/kg	12/05/06		BSZ	
Thallium	ND	0.28	mg/kg	12/05/06		BSZ	
Zinc	28	0.56	mg/kg	12/05/06		BSZ	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612024
Date Received: 12/1/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(7) 841061201-25 (continued)						
Date Collected: 12/1/2006 Matrix: Solid						
Mercury by SW-846 7471 in SW	0.044	0.022	mg/kg	12/05/06	AM	

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612024	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	1	Sample Description:	841061201-19
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	12/1/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/04/06	Percent Moisture:	8.2
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	6400	ug/kg
C9-C12 Aliphatics**	50	14000	6400	ug/kg
C9-C10 Aromatics***	50	ND	6400	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	96	70%-130%
2,5-dibromotoluene #2	104	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	320	ug/kg
Ethylbenzene	ND	320	ug/kg
Methyl tert-butyl ether (MTBE)	ND	64	ug/kg
Naphthalene	ND	320	ug/kg
Toluene	ND	320	ug/kg
m,p-Xylenes	ND	320	ug/kg
o-Xylene	ND	320	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 1

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-19

Matrix: Solid
Percent Moisture: 8.2
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28525.D;J28740.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	18
71-43-2	Benzene	ND	4.6
108-86-1	Bromobenzene	ND	4.6
74-97-5	Bromochloromethane	ND	4.6
75-27-4	Bromodichloromethane	ND	4.6
75-25-2	Bromoform	ND	4.6
74-83-9	Bromomethane	ND	9.2
78-93-3	2-Butanone (MEK)	ND	9.2
104-51-8	n-Butylbenzene	ND	4.6
135-98-8	sec-Butylbenzene	ND	4.6
98-06-6	tert-Butylbenzene	ND	4.6
75-15-0	Carbon disulfide	ND	4.6
56-23-5	Carbon tetrachloride	ND	4.6
108-90-7	Chlorobenzene	ND	4.6
75-00-3	Chloroethane	ND	9.2
67-66-3	Chloroform	ND	4.6
74-87-3	Chloromethane	ND	9.2
95-49-8	2-Chlorotoluene	ND	4.6
106-43-4	4-Chlorotoluene	ND	4.6
108-20-3	Di-isopropyl ether (DIPE)	ND	50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	4.6
124-48-1	Dibromochloromethane	ND	4.6
106-93-4	1,2-Dibromoethane (EDB)	ND	2.8
74-95-3	Dibromomethane	ND	4.6
95-50-1	1,2-Dichlorobenzene	ND	4.6
541-73-1	1,3-Dichlorobenzene	ND	4.6
106-46-7	1,4-Dichlorobenzene	ND	4.6
75-71-8	Dichlorodifluoromethane	ND	9.2
75-34-3	1,1-Dichloroethane	ND	4.6
107-06-2	1,2-Dichloroethane	ND	4.6
75-35-4	1,1-Dichloroethene	ND	4.6
156-59-2	cis-1,2-Dichloroethene	ND	4.6
156-60-5	trans-1,2-Dichloroethene	ND	4.6
78-87-5	1,2-Dichloropropane	ND	4.6
142-28-9	1,3-Dichloropropane	ND	4.6
590-20-7	2,2-Dichloropropane	ND	4.6
563-58-6	1,1-Dichloropropene	ND	4.6
10061-01-5	cis-1,3-Dichloropropene	ND	4.6
10061-02-6	trans-1,3-Dichloropropene	ND	4.6
60-29-7	Diethyl ether	ND	9.2
123-91-1	1,4-Dioxane	ND	18

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 1 (continued)

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-19

Matrix: Solid
Percent Moisture: 8.2
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28525.D;J28740.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	50
100-41-4	Ethylbenzene	ND	4.6
87-68-3	Hexachlorobutadiene	ND	4.6
591-78-6	2-Hexanone	ND	9.2
98-82-8	Isopropylbenzene	ND	4.6
99-87-6	4-Isopropyltoluene	ND	4.6
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	4.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	9.2
75-09-2	Methylene chloride	ND	4.6
91-20-3	Naphthalene	ND	4.6
103-65-1	n-Propylbenzene	ND	4.6
100-42-5	Styrene	ND	4.6
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	50
109-99-9	Tetrahydrofuran	ND	4.6
96-18-4	1,2,3-Trichloropropane	ND	4.6
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.6
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.6
127-18-4	Tetrachloroethene (PCE)	ND	4.6
108-88-3	Toluene	ND	4.6
87-61-6	1,2,3-Trichlorobenzene	ND	4.6
120-82-1	1,2,4-Trichlorobenzene	ND	4.6
71-55-6	1,1,1-Trichloroethane	ND	4.6
79-00-5	1,1,2-Trichloroethane	ND	4.6
79-01-6	Trichloroethene (TCE)	ND	4.6
75-69-4	Trichlorofluoromethane	ND	9.2
95-63-6	1,2,4-Trimethylbenzene	ND	4.6
108-67-8	1,3,5-Trimethylbenzene	ND	4.6
75-01-4	Vinyl chloride	ND	9.2
95-47-6	o-Xylene	ND	4.6
	m,p-Xylenes	ND	4.6

Surrogate	Recovery	Limits
Bromofluorobenzene	61%	78%-111%
1,2-Dichloroethane-d4	108%	91%-114%
Toluene-d8	118%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612024	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	2	Sample Description:	841061201-20
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	12/1/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/04/06	Percent Moisture:	13.7
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	7600	ug/kg
C9-C12 Aliphatics**	50	ND	7600	ug/kg
C9-C10 Aromatics***	50	ND	7600	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	89	70%-130%
2,5-dibromotoluene #2	98	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	380	ug/kg
Ethylbenzene	ND	380	ug/kg
Methyl tert-butyl ether (MTBE)	ND	76	ug/kg
Naphthalene	ND	380	ug/kg
Toluene	ND	380	ug/kg
m,p-Xylenes	ND	380	ug/kg
o-Xylene	ND	380	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 2

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/04/06 By: GP
Method: 8260B
QC Batch#: 50061
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-20

Matrix: Solid
Percent Moisture: 13.7
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28501.D;J28741.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	22
71-43-2	Benzene	ND	5.6
108-86-1	Bromobenzene	ND	5.6
74-97-5	Bromochloromethane	ND	5.6
75-27-4	Bromodichloromethane	ND	5.6
75-25-2	Bromoform	ND	5.6
74-83-9	Bromomethane	ND	11
78-93-3	2-Butanone (MEK)	ND	11
104-51-8	n-Butylbenzene	ND	5.6
135-98-8	sec-Butylbenzene	ND	5.6
98-06-6	tert-Butylbenzene	ND	5.6
75-15-0	Carbon disulfide	ND	5.6
56-23-5	Carbon tetrachloride	ND	5.6
108-90-7	Chlorobenzene	ND	5.6
75-00-3	Chloroethane	ND	11
67-66-3	Chloroform	ND	5.6
74-87-3	Chloromethane	ND	11
95-49-8	2-Chlorotoluene	ND	5.6
106-43-4	4-Chlorotoluene	ND	5.6
108-20-3	Di-isopropyl ether (DIPE)	ND	56
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.6
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.4
74-95-3	Dibromomethane	ND	5.6
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.6
106-46-7	1,4-Dichlorobenzene	ND	5.6
75-71-8	Dichlorodifluoromethane	ND	11
75-34-3	1,1-Dichloroethane	ND	5.6
107-06-2	1,2-Dichloroethane	ND	5.6
75-35-4	1,1-Dichloroethene	ND	5.6
156-59-2	cis-1,2-Dichloroethene	ND	5.6
156-60-5	trans-1,2-Dichloroethene	ND	5.6
78-87-5	1,2-Dichloropropane	ND	5.6
142-28-9	1,3-Dichloropropane	ND	5.6
590-20-7	2,2-Dichloropropane	ND	5.6
563-58-6	1,1-Dichloropropene	ND	5.6
10061-01-5	cis-1,3-Dichloropropene	ND	5.6
10061-02-6	trans-1,3-Dichloropropene	ND	5.6
60-29-7	Diethyl ether	ND	11
123-91-1	1,4-Dioxane	ND	22

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 2 (continued)

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/04/06 By: GP
Method: 8260B
QC Batch#: 50061
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-20

Matrix: Solid
Percent Moisture: 13.7
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28501.D;J28741.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	56
100-41-4	Ethylbenzene	ND	5.6
87-68-3	Hexachlorobutadiene	ND	5.6
591-78-6	2-Hexanone	ND	11
98-82-8	Isopropylbenzene	ND	5.6
99-87-6	4-Isopropyltoluene	ND	5.6
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	11
75-09-2	Methylene chloride	ND	5.6
91-20-3	Naphthalene	ND	5.6
103-65-1	n-Propylbenzene	ND	5.6
100-42-5	Styrene	ND	5.6
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	56
109-99-9	Tetrahydrofuran	ND	5.6
96-18-4	1,2,3-Trichloropropane	ND	5.6
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.6
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	ND	5.6
108-88-3	Toluene	ND	5.6
87-61-6	1,2,3-Trichlorobenzene	ND	5.6
120-82-1	1,2,4-Trichlorobenzene	ND	5.6
71-55-6	1,1,1-Trichloroethane	ND	5.6
79-00-5	1,1,2-Trichloroethane	ND	5.6
79-01-6	Trichloroethene (TCE)	ND	5.6
75-69-4	Trichlorofluoromethane	ND	11
95-63-6	1,2,4-Trimethylbenzene	ND	5.6
108-67-8	1,3,5-Trimethylbenzene	ND	5.6
75-01-4	Vinyl chloride	ND	11
95-47-6	o-Xylene	ND	5.6
	m,p-Xylenes	ND	5.6

Surrogate	Recovery	Limits
Bromofluorobenzene	85%	78%-111%
1,2-Dichloroethane-d4	101%	91%-114%
Toluene-d8	105%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612024	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	3	Sample Description:	841061201-21
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	12/1/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/04/06	Percent Moisture:	8.5
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	6400	ug/kg
C9-C12 Aliphatics**	50	ND	6400	ug/kg
C9-C10 Aromatics***	50	ND	6400	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	88	70%-130%
2,5-dibromotoluene #2	98	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	320	ug/kg
Ethylbenzene	ND	320	ug/kg
Methyl tert-butyl ether (MTBE)	ND	64	ug/kg
Naphthalene	ND	320	ug/kg
Toluene	ND	320	ug/kg
m,p-Xylenes	ND	320	ug/kg
o-Xylene	ND	320	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 3

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50078
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-21

Matrix: Solid
Percent Moisture: 8.5
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: M32494.D;J28742.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	1100
71-43-2	Benzene	ND	270
108-86-1	Bromobenzene	ND	270
74-97-5	Bromochloromethane	ND	270
75-27-4	Bromodichloromethane	ND	270
75-25-2	Bromoform	ND	270
74-83-9	Bromomethane	ND	550
78-93-3	2-Butanone (MEK)	ND	550
104-51-8	n-Butylbenzene	ND	270
135-98-8	sec-Butylbenzene	ND	270
98-06-6	tert-Butylbenzene	ND	270
75-15-0	Carbon disulfide	ND	270
56-23-5	Carbon tetrachloride	ND	270
108-90-7	Chlorobenzene	ND	270
75-00-3	Chloroethane	ND	550
67-66-3	Chloroform	ND	270
74-87-3	Chloromethane	ND	550
95-49-8	2-Chlorotoluene	ND	270
106-43-4	4-Chlorotoluene	ND	270
108-20-3	Di-isopropyl ether (DIPE)	ND	55
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	270
124-48-1	Dibromochloromethane	ND	270
106-93-4	1,2-Dibromoethane (EDB)	ND	160
74-95-3	Dibromomethane	ND	270
95-50-1	1,2-Dichlorobenzene	ND	270
541-73-1	1,3-Dichlorobenzene	ND	270
106-46-7	1,4-Dichlorobenzene	ND	270
75-71-8	Dichlorodifluoromethane	ND	550
75-34-3	1,1-Dichloroethane	ND	270
107-06-2	1,2-Dichloroethane	ND	270
75-35-4	1,1-Dichloroethene	ND	270
156-59-2	cis-1,2-Dichloroethene	ND	270
156-60-5	trans-1,2-Dichloroethene	ND	270
78-87-5	1,2-Dichloropropane	ND	270
142-28-9	1,3-Dichloropropane	ND	270
590-20-7	2,2-Dichloropropane	ND	270
563-58-6	1,1-Dichloropropene	ND	270
10061-01-5	cis-1,3-Dichloropropene	ND	270
10061-02-6	trans-1,3-Dichloropropene	ND	270
60-29-7	Diethyl ether	ND	550
123-91-1	1,4-Dioxane	ND	1100

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 3 (continued)

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50078
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-21

Matrix: Solid
Percent Moisture: 8.5
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: M32494.D;J28742.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	55
100-41-4	Ethylbenzene	ND	270
87-68-3	Hexachlorobutadiene	ND	270
591-78-6	2-Hexanone	ND	550
98-82-8	Isopropylbenzene	ND	270
99-87-6	4-Isopropyltoluene	ND	270
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	270
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	550
75-09-2	Methylene chloride	ND	270
91-20-3	Naphthalene	ND	270
103-65-1	n-Propylbenzene	ND	270
100-42-5	Styrene	ND	270
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	55
109-99-9	Tetrahydrofuran	ND	270
96-18-4	1,2,3-Trichloropropane	ND	270
630-20-6	1,1,1,2-Tetrachloroethane	ND	270
79-34-5	1,1,2,2-Tetrachloroethane	ND	270
127-18-4	Tetrachloroethene (PCE)	4300	270
108-88-3	Toluene	ND	270
87-61-6	1,2,3-Trichlorobenzene	ND	270
120-82-1	1,2,4-Trichlorobenzene	ND	270
71-55-6	1,1,1-Trichloroethane	ND	270
79-00-5	1,1,2-Trichloroethane	ND	270
79-01-6	Trichloroethene (TCE)	9300	270
75-69-4	Trichlorofluoromethane	ND	550
95-63-6	1,2,4-Trimethylbenzene	ND	270
108-67-8	1,3,5-Trimethylbenzene	ND	270
75-01-4	Vinyl chloride	ND	550
95-47-6	o-Xylene	ND	270
	m,p-Xylenes	ND	270

Surrogate	Recovery	Limits
Bromofluorobenzene	88%	78%-111%
1,2-Dichloroethane-d4	102%	91%-114%
Toluene-d8	105%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612024	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	4	Sample Description:	841061201-22
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	12/1/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/04/06	Percent Moisture:	6.6
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	6100	ug/kg
C9-C12 Aliphatics**	50	ND	6100	ug/kg
C9-C10 Aromatics***	50	ND	6100	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	91	70%-130%
2,5-dibromotoluene #2	101	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	300	ug/kg
Ethylbenzene	ND	300	ug/kg
Methyl tert-butyl ether (MTBE)	ND	61	ug/kg
Naphthalene	ND	300	ug/kg
Toluene	ND	300	ug/kg
m,p-Xylenes	ND	300	ug/kg
o-Xylene	ND	300	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 4

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-22

Matrix: Solid
Percent Moisture: 6.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28527.D;J28743.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	22
71-43-2	Benzene	ND	5.4
108-86-1	Bromobenzene	ND	5.4
74-97-5	Bromochloromethane	ND	5.4
75-27-4	Bromodichloromethane	ND	5.4
75-25-2	Bromoform	ND	5.4
74-83-9	Bromomethane	ND	11
78-93-3	2-Butanone (MEK)	ND	11
104-51-8	n-Butylbenzene	ND	5.4
135-98-8	sec-Butylbenzene	ND	5.4
98-06-6	tert-Butylbenzene	ND	5.4
75-15-0	Carbon disulfide	ND	5.4
56-23-5	Carbon tetrachloride	ND	5.4
108-90-7	Chlorobenzene	ND	5.4
75-00-3	Chloroethane	ND	11
67-66-3	Chloroform	ND	5.4
74-87-3	Chloromethane	ND	11
95-49-8	2-Chlorotoluene	ND	5.4
106-43-4	4-Chlorotoluene	ND	5.4
108-20-3	Di-isopropyl ether (DIPE)	ND	54
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.4
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.2
74-95-3	Dibromomethane	ND	5.4
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.4
106-46-7	1,4-Dichlorobenzene	ND	5.4
75-71-8	Dichlorodifluoromethane	ND	11
75-34-3	1,1-Dichloroethane	ND	5.4
107-06-2	1,2-Dichloroethane	ND	5.4
75-35-4	1,1-Dichloroethene	ND	5.4
156-59-2	cis-1,2-Dichloroethene	ND	5.4
156-60-5	trans-1,2-Dichloroethene	ND	5.4
78-87-5	1,2-Dichloropropane	ND	5.4
142-28-9	1,3-Dichloropropane	ND	5.4
590-20-7	2,2-Dichloropropane	ND	5.4
563-58-6	1,1-Dichloropropene	ND	5.4
10061-01-5	cis-1,3-Dichloropropene	ND	5.4
10061-02-6	trans-1,3-Dichloropropene	ND	5.4
60-29-7	Diethyl ether	ND	11
123-91-1	1,4-Dioxane	ND	22

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 4 (continued)

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-22

Matrix: Solid
Percent Moisture: 6.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28527.D;J28743.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	54
100-41-4	Ethylbenzene	ND	5.4
87-68-3	Hexachlorobutadiene	ND	5.4
591-78-6	2-Hexanone	ND	11
98-82-8	Isopropylbenzene	ND	5.4
99-87-6	4-Isopropyltoluene	ND	5.4
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.4
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	11
75-09-2	Methylene chloride	ND	5.4
91-20-3	Naphthalene	ND	5.4
103-65-1	n-Propylbenzene	ND	5.4
100-42-5	Styrene	ND	5.4
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	54
109-99-9	Tetrahydrofuran	ND	5.4
96-18-4	1,2,3-Trichloropropane	ND	5.4
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.4
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	48	5.4
108-88-3	Toluene	ND	5.4
87-61-6	1,2,3-Trichlorobenzene	ND	5.4
120-82-1	1,2,4-Trichlorobenzene	ND	5.4
71-55-6	1,1,1-Trichloroethane	ND	5.4
79-00-5	1,1,2-Trichloroethane	ND	5.4
79-01-6	Trichloroethene (TCE)	150	5.4
75-69-4	Trichlorofluoromethane	ND	11
95-63-6	1,2,4-Trimethylbenzene	ND	5.4
108-67-8	1,3,5-Trimethylbenzene	ND	5.4
75-01-4	Vinyl chloride	ND	11
95-47-6	o-Xylene	ND	5.4
	m,p-Xylenes	ND	5.4

Surrogate	Recovery	Limits
Bromofluorobenzene	94%	78%-111%
1,2-Dichloroethane-d4	102%	91%-114%
Toluene-d8	95%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612024	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	5	Sample Description:	841061201-23
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	12/1/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	7.8
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	12000	ug/kg
C9-C12 Aliphatics**	50	ND	12000	ug/kg
C9-C10 Aromatics***	50	ND	12000	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	91	70%-130%
2,5-dibromotoluene #2	101	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	620	ug/kg
Ethylbenzene	ND	620	ug/kg
Methyl tert-butyl ether (MTBE)	ND	120	ug/kg
Naphthalene	ND	620	ug/kg
Toluene	ND	620	ug/kg
m,p-Xylenes	ND	620	ug/kg
o-Xylene	ND	620	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 5

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-23

Matrix: Solid
Percent Moisture: 7.8
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28528.D;J28744.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	20
71-43-2	Benzene	ND	5.0
108-86-1	Bromobenzene	ND	5.0
74-97-5	Bromochloromethane	ND	5.0
75-27-4	Bromodichloromethane	ND	5.0
75-25-2	Bromoform	ND	5.0
74-83-9	Bromomethane	ND	10
78-93-3	2-Butanone (MEK)	ND	10
104-51-8	n-Butylbenzene	ND	5.0
135-98-8	sec-Butylbenzene	ND	5.0
98-06-6	tert-Butylbenzene	ND	5.0
75-15-0	Carbon disulfide	ND	5.0
56-23-5	Carbon tetrachloride	ND	5.0
108-90-7	Chlorobenzene	ND	5.0
75-00-3	Chloroethane	ND	10
67-66-3	Chloroform	ND	5.0
74-87-3	Chloromethane	ND	10
95-49-8	2-Chlorotoluene	ND	5.0
106-43-4	4-Chlorotoluene	ND	5.0
108-20-3	Di-isopropyl ether (DIPE)	ND	50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.0
74-95-3	Dibromomethane	ND	5.0
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.0
106-46-7	1,4-Dichlorobenzene	ND	5.0
75-71-8	Dichlorodifluoromethane	ND	10
75-34-3	1,1-Dichloroethane	ND	5.0
107-06-2	1,2-Dichloroethane	ND	5.0
75-35-4	1,1-Dichloroethene	ND	5.0
156-59-2	cis-1,2-Dichloroethene	ND	5.0
156-60-5	trans-1,2-Dichloroethene	ND	5.0
78-87-5	1,2-Dichloropropane	ND	5.0
142-28-9	1,3-Dichloropropane	ND	5.0
590-20-7	2,2-Dichloropropane	ND	5.0
563-58-6	1,1-Dichloropropene	ND	5.0
10061-01-5	cis-1,3-Dichloropropene	ND	5.0
10061-02-6	trans-1,3-Dichloropropene	ND	5.0
60-29-7	Diethyl ether	ND	10
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 5 (continued)

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-23

Matrix: Solid
Percent Moisture: 7.8
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28528.D;J28744.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	50
100-41-4	Ethylbenzene	ND	5.0
87-68-3	Hexachlorobutadiene	ND	5.0
591-78-6	2-Hexanone	ND	10
98-82-8	Isopropylbenzene	ND	5.0
99-87-6	4-Isopropyltoluene	ND	5.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	5.0
103-65-1	n-Propylbenzene	ND	5.0
100-42-5	Styrene	ND	5.0
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	50
109-99-9	Tetrahydrofuran	ND	5.0
96-18-4	1,2,3-Trichloropropane	ND	5.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	40	5.0
108-88-3	Toluene	16	5.0
87-61-6	1,2,3-Trichlorobenzene	ND	5.0
120-82-1	1,2,4-Trichlorobenzene	ND	5.0
71-55-6	1,1,1-Trichloroethane	ND	5.0
79-00-5	1,1,2-Trichloroethane	ND	5.0
79-01-6	Trichloroethene (TCE)	5.0	5.0
75-69-4	Trichlorofluoromethane	ND	10
95-63-6	1,2,4-Trimethylbenzene	ND	5.0
108-67-8	1,3,5-Trimethylbenzene	ND	5.0
75-01-4	Vinyl chloride	ND	10
95-47-6	o-Xylene	ND	5.0
	m,p-Xylenes	ND	5.0

Surrogate	Recovery	Limits
Bromofluorobenzene	72%	78%-111%
1,2-Dichloroethane-d4	104%	91%-114%
Toluene-d8	115%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612024	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	6	Sample Description:	841061201-24
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	12/1/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	16.4
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	8000	ug/kg
C9-C12 Aliphatics**	50	ND	8000	ug/kg
C9-C10 Aromatics***	50	ND	8000	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	95	70%-130%
2,5-dibromotoluene #2	104	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	400	ug/kg
Ethylbenzene	ND	400	ug/kg
Methyl tert-butyl ether (MTBE)	ND	80	ug/kg
Naphthalene	ND	400	ug/kg
Toluene	ND	400	ug/kg
m,p-Xylenes	ND	400	ug/kg
o-Xylene	ND	400	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 6

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-24

Matrix: Solid
Percent Moisture: 16.4
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28529.D;J28745.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	30	23
71-43-2	Benzene	ND	5.7
108-86-1	Bromobenzene	ND	5.7
74-97-5	Bromochloromethane	ND	5.7
75-27-4	Bromodichloromethane	ND	5.7
75-25-2	Bromoform	ND	5.7
74-83-9	Bromomethane	ND	11
78-93-3	2-Butanone (MEK)	ND	11
104-51-8	n-Butylbenzene	ND	5.7
135-98-8	sec-Butylbenzene	ND	5.7
98-06-6	tert-Butylbenzene	ND	5.7
75-15-0	Carbon disulfide	ND	5.7
56-23-5	Carbon tetrachloride	ND	5.7
108-90-7	Chlorobenzene	ND	5.7
75-00-3	Chloroethane	ND	11
67-66-3	Chloroform	ND	5.7
74-87-3	Chloromethane	ND	11
95-49-8	2-Chlorotoluene	ND	5.7
106-43-4	4-Chlorotoluene	ND	5.7
108-20-3	Di-isopropyl ether (DIPE)	ND	57
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.7
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.4
74-95-3	Dibromomethane	ND	5.7
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.7
106-46-7	1,4-Dichlorobenzene	ND	5.7
75-71-8	Dichlorodifluoromethane	ND	11
75-34-3	1,1-Dichloroethane	ND	5.7
107-06-2	1,2-Dichloroethane	ND	5.7
75-35-4	1,1-Dichloroethene	ND	5.7
156-59-2	cis-1,2-Dichloroethene	ND	5.7
156-60-5	trans-1,2-Dichloroethene	ND	5.7
78-87-5	1,2-Dichloropropane	ND	5.7
142-28-9	1,3-Dichloropropane	ND	5.7
590-20-7	2,2-Dichloropropane	ND	5.7
563-58-6	1,1-Dichloropropene	ND	5.7
10061-01-5	cis-1,3-Dichloropropene	ND	5.7
10061-02-6	trans-1,3-Dichloropropene	ND	5.7
60-29-7	Diethyl ether	ND	11
123-91-1	1,4-Dioxane	ND	23

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 6 (continued)

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-24

Matrix: Solid
Percent Moisture: 16.4
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28529.D;J28745.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	57
100-41-4	Ethylbenzene	ND	5.7
87-68-3	Hexachlorobutadiene	ND	5.7
591-78-6	2-Hexanone	ND	11
98-82-8	Isopropylbenzene	ND	5.7
99-87-6	4-Isopropyltoluene	ND	5.7
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.7
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	11
75-09-2	Methylene chloride	ND	5.7
91-20-3	Naphthalene	ND	5.7
103-65-1	n-Propylbenzene	ND	5.7
100-42-5	Styrene	ND	5.7
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	57
109-99-9	Tetrahydrofuran	ND	5.7
96-18-4	1,2,3-Trichloropropane	ND	5.7
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.7
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	45	5.7
108-88-3	Toluene	ND	5.7
87-61-6	1,2,3-Trichlorobenzene	ND	5.7
120-82-1	1,2,4-Trichlorobenzene	ND	5.7
71-55-6	1,1,1-Trichloroethane	ND	5.7
79-00-5	1,1,2-Trichloroethane	ND	5.7
79-01-6	Trichloroethene (TCE)	ND	5.7
75-69-4	Trichlorofluoromethane	ND	11
95-63-6	1,2,4-Trimethylbenzene	ND	5.7
108-67-8	1,3,5-Trimethylbenzene	ND	5.7
75-01-4	Vinyl chloride	ND	11
95-47-6	o-Xylene	ND	5.7
	m,p-Xylenes	ND	5.7

Surrogate	Recovery	Limits
Bromofluorobenzene	78%	78%-111%
1,2-Dichloroethane-d4	102%	91%-114%
Toluene-d8	105%	86%-115%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612024	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	7	Sample Description:	841061201-25
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	12/1/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Analyzed:	12/05/06	Percent Moisture:	10.2
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	6800	ug/kg
C9-C12 Aliphatics**	50	ND	6800	ug/kg
C9-C10 Aromatics***	50	ND	6800	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	102	70%-130%
2,5-dibromotoluene #2	112	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	340	ug/kg
Ethylbenzene	ND	340	ug/kg
Methyl tert-butyl ether (MTBE)	ND	68	ug/kg
Naphthalene	ND	340	ug/kg
Toluene	ND	340	ug/kg
m,p-Xylenes	ND	340	ug/kg
o-Xylene	ND	340	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 7

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-25

Matrix: Solid
Percent Moisture: 10.2
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28530.D;J28746.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	21
71-43-2	Benzene	ND	5.2
108-86-1	Bromobenzene	ND	5.2
74-97-5	Bromochloromethane	ND	5.2
75-27-4	Bromodichloromethane	ND	5.2
75-25-2	Bromoform	ND	5.2
74-83-9	Bromomethane	ND	10
78-93-3	2-Butanone (MEK)	ND	10
104-51-8	n-Butylbenzene	ND	5.2
135-98-8	sec-Butylbenzene	ND	5.2
98-06-6	tert-Butylbenzene	ND	5.2
75-15-0	Carbon disulfide	ND	5.2
56-23-5	Carbon tetrachloride	ND	5.2
108-90-7	Chlorobenzene	ND	5.2
75-00-3	Chloroethane	ND	10
67-66-3	Chloroform	ND	5.2
74-87-3	Chloromethane	ND	10
95-49-8	2-Chlorotoluene	ND	5.2
106-43-4	4-Chlorotoluene	ND	5.2
108-20-3	Di-isopropyl ether (DIPE)	ND	52
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	5.2
124-48-1	Dibromochloromethane	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	3.1
74-95-3	Dibromomethane	ND	5.2
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.2
106-46-7	1,4-Dichlorobenzene	ND	5.2
75-71-8	Dichlorodifluoromethane	ND	10
75-34-3	1,1-Dichloroethane	ND	5.2
107-06-2	1,2-Dichloroethane	ND	5.2
75-35-4	1,1-Dichloroethene	ND	5.2
156-59-2	cis-1,2-Dichloroethene	ND	5.2
156-60-5	trans-1,2-Dichloroethene	ND	5.2
78-87-5	1,2-Dichloropropane	ND	5.2
142-28-9	1,3-Dichloropropane	ND	5.2
590-20-7	2,2-Dichloropropane	ND	5.2
563-58-6	1,1-Dichloropropene	ND	5.2
10061-01-5	cis-1,3-Dichloropropene	ND	5.2
10061-02-6	trans-1,3-Dichloropropene	ND	5.2
60-29-7	Diethyl ether	ND	10
123-91-1	1,4-Dioxane	ND	21

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 7 (continued)

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/05/06 By: GP
Method: 8260B
QC Batch#: 50075
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-25

Matrix: Solid
Percent Moisture: 10.2
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28530.D;J28746.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	52
100-41-4	Ethylbenzene	ND	5.2
87-68-3	Hexachlorobutadiene	ND	5.2
591-78-6	2-Hexanone	ND	10
98-82-8	Isopropylbenzene	ND	5.2
99-87-6	4-Isopropyltoluene	ND	5.2
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	10
75-09-2	Methylene chloride	ND	5.2
91-20-3	Naphthalene	ND	5.2
103-65-1	n-Propylbenzene	ND	5.2
100-42-5	Styrene	ND	5.2
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	52
109-99-9	Tetrahydrofuran	ND	5.2
96-18-4	1,2,3-Trichloropropane	ND	5.2
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.2
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0
127-18-4	Tetrachloroethene (PCE)	11	5.2
108-88-3	Toluene	ND	5.2
87-61-6	1,2,3-Trichlorobenzene	ND	5.2
120-82-1	1,2,4-Trichlorobenzene	ND	5.2
71-55-6	1,1,1-Trichloroethane	ND	5.2
79-00-5	1,1,2-Trichloroethane	ND	5.2
79-01-6	Trichloroethene (TCE)	6.5	5.2
75-69-4	Trichlorofluoromethane	ND	10
95-63-6	1,2,4-Trimethylbenzene	ND	5.2
108-67-8	1,3,5-Trimethylbenzene	ND	5.2
75-01-4	Vinyl chloride	ND	10
95-47-6	o-Xylene	ND	5.2
	m,p-Xylenes	ND	5.2

Surrogate	Recovery	Limits
Bromofluorobenzene	68%	78%-111%
1,2-Dichloroethane-d4	96%	91%-114%
Toluene-d8	121%	86%-115%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 8

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/06/06 By: GP
Method: 8260B
QC Batch#: 51012
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-26

Matrix: Solid
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: M32507.D;M32616.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	250
71-43-2	Benzene	ND	50
108-86-1	Bromobenzene	ND	50
74-97-5	Bromochloromethane	ND	50
75-27-4	Bromodichloromethane	ND	50
75-25-2	Bromoform	ND	50
74-83-9	Bromomethane	ND	50
78-93-3	2-Butanone (MEK)	ND	250
104-51-8	n-Butylbenzene	ND	50
135-98-8	sec-Butylbenzene	ND	50
98-06-6	tert-Butylbenzene	ND	50
75-15-0	Carbon disulfide	ND	50
56-23-5	Carbon tetrachloride	ND	50
108-90-7	Chlorobenzene	ND	50
75-00-3	Chloroethane	ND	50
67-66-3	Chloroform	ND	50
74-87-3	Chloromethane	ND	50
95-49-8	2-Chlorotoluene	ND	50
106-43-4	4-Chlorotoluene	ND	50
108-20-3	Di-isopropyl ether (DIPE)	ND	50
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	50
124-48-1	Dibromochloromethane	ND	50
106-93-4	1,2-Dibromoethane (EDB)	ND	50
74-95-3	Dibromomethane	ND	50
95-50-1	1,2-Dichlorobenzene	ND	50
541-73-1	1,3-Dichlorobenzene	ND	50
106-46-7	1,4-Dichlorobenzene	ND	50
75-71-8	Dichlorodifluoromethane	ND	50
75-34-3	1,1-Dichloroethane	ND	50
107-06-2	1,2-Dichloroethane	ND	50
75-35-4	1,1-Dichloroethene	ND	50
156-59-2	cis-1,2-Dichloroethene	ND	50
156-60-5	trans-1,2-Dichloroethene	ND	50
78-87-5	1,2-Dichloropropane	ND	50
142-28-9	1,3-Dichloropropane	ND	50
590-20-7	2,2-Dichloropropane	ND	50
563-58-6	1,1-Dichloropropene	ND	50
10061-01-5	cis-1,3-Dichloropropene	ND	50
10061-02-6	trans-1,3-Dichloropropene	ND	50
60-29-7	Diethyl ether	ND	50
123-91-1	1,4-Dioxane	ND	1000

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 8 (continued)

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: By:
Date Analyzed: 12/06/06 By: GP
Method: 8260B
QC Batch#: 51012
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-26

Matrix: Solid
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: M32507.D;M32616.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	50
100-41-4	Ethylbenzene	ND	50
87-68-3	Hexachlorobutadiene	ND	50
591-78-6	2-Hexanone	ND	250
98-82-8	Isopropylbenzene	ND	50
99-87-6	4-Isopropyltoluene	ND	50
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	50
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	250
75-09-2	Methylene chloride	ND	50
91-20-3	Naphthalene	ND	50
103-65-1	n-Propylbenzene	ND	50
100-42-5	Styrene	ND	50
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	50
109-99-9	Tetrahydrofuran	ND	50
96-18-4	1,2,3-Trichloropropane	ND	50
630-20-6	1,1,1,2-Tetrachloroethane	ND	50
79-34-5	1,1,2,2-Tetrachloroethane	ND	50
127-18-4	Tetrachloroethene (PCE)	ND	50
108-88-3	Toluene	ND	50
87-61-6	1,2,3-Trichlorobenzene	ND	50
120-82-1	1,2,4-Trichlorobenzene	ND	50
71-55-6	1,1,1-Trichloroethane	ND	50
79-00-5	1,1,2-Trichloroethane	ND	50
79-01-6	Trichloroethene (TCE)	ND	50
75-69-4	Trichlorofluoromethane	ND	50
95-63-6	1,2,4-Trimethylbenzene	ND	50
108-67-8	1,3,5-Trimethylbenzene	ND	50
75-01-4	Vinyl chloride	ND	50
95-47-6	o-Xylene	ND	50
	m,p-Xylenes	ND	50

Surrogate	Recovery	Limits
Bromofluorobenzene	93%	87%-105%
1,2-Dichloroethane-d4	94%	91%-109%
Toluene-d8	104%	92%-105%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612024	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	1	Sample Description:	841061201-19
Preservative	None		
		Dilution (Target):	1
Date Collected:	12/1/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/01/06	Percent Moisture:	8.2
Date Analyzed:	12/07/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	11000	ug/kg
C19-C36 Aliphatics	1	ND	11000	ug/kg
C11-C22 Aromatics*	1	ND	11000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	52	40%-140%
2-Bromonaphthalene	68	40%-140%
2-Fluorobiphenyl	69	40%-140%
o-Terphenyl	40	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	110	ug/kg
Acenaphthene	ND	110	ug/kg
Acenaphthylene	ND	110	ug/kg
Anthracene	ND	110	ug/kg
Benzo[a]anthracene	ND	110	ug/kg
Benzo[a]pyrene	ND	110	ug/kg
Benzo[b]fluoranthene	ND	110	ug/kg
Benzo[g,h,i]perylene	ND	110	ug/kg
Benzo[k]fluoranthene	ND	110	ug/kg
Chrysene	ND	110	ug/kg
Dibenz[a,h]anthracene	ND	110	ug/kg
Fluoranthene	ND	110	ug/kg
Fluorene	ND	110	ug/kg
Indeno[1,2,3-cd]pyrene	ND	110	ug/kg
Naphthalene	ND	110	ug/kg
Phenanthrene	ND	110	ug/kg
Pyrene	ND	110	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 1

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: 12/07/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#:
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-19

Matrix: Solid
Percent Moisture: 8.2
Sample Weight/Volume: 30.07 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4120822.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	14
11104-28-2	Aroclor 1221	ND	14
11141-16-5	Aroclor 1232	ND	14
53469-21-9	Aroclor 1242	ND	14
12672-29-6	Aroclor 1248	ND	14
11097-69-1	Aroclor 1254	ND	14
11096-82-5	Aroclor 1260	ND	14

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	67%	30%-150%
Decachlorobiphenyl	74%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612024	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	2	Sample Description:	841061201-20
Preservative	None		
		Dilution (Target):	1
Date Collected:	12/1/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/01/06	Percent Moisture:	13.7
Date Analyzed:	12/07/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	11000	ug/kg
C19-C36 Aliphatics	1	ND	11000	ug/kg
C11-C22 Aromatics*	1	ND	11000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	53	40%-140%
2-Bromonaphthalene	77	40%-140%
2-Fluorobiphenyl	80	40%-140%
o-Terphenyl	52	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	110	ug/kg
Acenaphthene	ND	110	ug/kg
Acenaphthylene	ND	110	ug/kg
Anthracene	ND	110	ug/kg
Benzo[a]anthracene	ND	110	ug/kg
Benzo[a]pyrene	ND	110	ug/kg
Benzo[b]fluoranthene	ND	110	ug/kg
Benzo[g,h,i]perylene	ND	110	ug/kg
Benzo[k]fluoranthene	ND	110	ug/kg
Chrysene	ND	110	ug/kg
Dibenz[a,h]anthracene	ND	110	ug/kg
Fluoranthene	ND	110	ug/kg
Fluorene	ND	110	ug/kg
Indeno[1,2,3-cd]pyrene	ND	110	ug/kg
Naphthalene	ND	110	ug/kg
Phenanthrene	ND	110	ug/kg
Pyrene	ND	110	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 2

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#:
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-20

Matrix: Solid
Percent Moisture: 13.7
Sample Weight/Volume: 30.01 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4120836.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	15
11104-28-2	Aroclor 1221	ND	15
11141-16-5	Aroclor 1232	ND	15
53469-21-9	Aroclor 1242	ND	15
12672-29-6	Aroclor 1248	ND	15
11097-69-1	Aroclor 1254	ND	15
11096-82-5	Aroclor 1260	ND	15

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	53%	30%-150%
Decachlorobiphenyl	55%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612024	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	3	Sample Description:	841061201-21
Preservative	None		
		Dilution (Target):	1
Date Collected:	12/1/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/01/06	Percent Moisture:	8.5
Date Analyzed:	12/07/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	ND	10000	ug/kg
C11-C22 Aromatics*	1	25000	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	78	40%-140%
2-Bromonaphthalene	63	40%-140%
2-Fluorobiphenyl	66	40%-140%
o-Terphenyl	58	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	200	100	ug/kg
Anthracene	250	100	ug/kg
Benzo[a]anthracene	1500	100	ug/kg
Benzo[a]pyrene	2000	100	ug/kg
Benzo[b]fluoranthene	2000	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	860	100	ug/kg
Chrysene	120	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	1300	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	260	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	260	100	ug/kg
Pyrene	1600	100	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 3

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#:
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-21

Matrix: Solid
Percent Moisture: 8.5
Sample Weight/Volume: 30.31 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4120837.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	14
11104-28-2	Aroclor 1221	ND	14
11141-16-5	Aroclor 1232	ND	14
53469-21-9	Aroclor 1242	ND	14
12672-29-6	Aroclor 1248	ND	14
11097-69-1	Aroclor 1254	ND	14
11096-82-5	Aroclor 1260	ND	14

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	50%	30%-150%
Decachlorobiphenyl	53%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612024	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	4	Sample Description:	841061201-22
Preservative	None		
		Dilution (Target):	1
Date Collected:	12/1/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/01/06	Percent Moisture:	6.6
Date Analyzed:	12/07/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	ND	10000	ug/kg
C11-C22 Aromatics*	1	ND	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	55	40%-140%
2-Bromonaphthalene	66	40%-140%
2-Fluorobiphenyl	70	40%-140%
o-Terphenyl	40	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	ND	100	ug/kg
Anthracene	ND	100	ug/kg
Benzo[a]anthracene	ND	100	ug/kg
Benzo[a]pyrene	ND	100	ug/kg
Benzo[b]fluoranthene	ND	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	ND	100	ug/kg
Chrysene	ND	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	ND	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	ND	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	ND	100	ug/kg
Pyrene	ND	100	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 4

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#: 51132
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-22

Matrix: Solid
Percent Moisture: 6.6
Sample Weight/Volume: 30.11 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4120840.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	14
11104-28-2	Aroclor 1221	ND	14
11141-16-5	Aroclor 1232	ND	14
53469-21-9	Aroclor 1242	ND	14
12672-29-6	Aroclor 1248	ND	14
11097-69-1	Aroclor 1254	ND	14
11096-82-5	Aroclor 1260	ND	14

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	59%	30%-150%
Decachlorobiphenyl	53%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612024	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	5	Sample Description:	841061201-23
Preservative	None		
		Dilution (Target):	1
Date Collected:	12/1/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/11/06	Percent Moisture:	7.8
Date Analyzed:	12/12/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	11000	ug/kg
C19-C36 Aliphatics	1	ND	11000	ug/kg
C11-C22 Aromatics*	1	18000	11000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	59	40%-140%
2-Bromonaphthalene	65	40%-140%
2-Fluorobiphenyl	69	40%-140%
o-Terphenyl	49	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	110	ug/kg
Acenaphthene	ND	110	ug/kg
Acenaphthylene	ND	110	ug/kg
Anthracene	ND	110	ug/kg
Benzo[a]anthracene	ND	110	ug/kg
Benzo[a]pyrene	ND	110	ug/kg
Benzo[b]fluoranthene	ND	110	ug/kg
Benzo[g,h,i]perylene	ND	110	ug/kg
Benzo[k]fluoranthene	ND	110	ug/kg
Chrysene	ND	110	ug/kg
Dibenz[a,h]anthracene	ND	110	ug/kg
Fluoranthene	ND	110	ug/kg
Fluorene	ND	110	ug/kg
Indeno[1,2,3-cd]pyrene	ND	110	ug/kg
Naphthalene	ND	110	ug/kg
Phenanthrene	ND	110	ug/kg
Pyrene	ND	110	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 5

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#: 51132
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-23

Matrix: Solid
Percent Moisture: 7.8
Sample Weight/Volume: 30.08 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4120841.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	14
11104-28-2	Aroclor 1221	ND	14
11141-16-5	Aroclor 1232	ND	14
53469-21-9	Aroclor 1242	ND	14
12672-29-6	Aroclor 1248	ND	14
11097-69-1	Aroclor 1254	ND	14
11096-82-5	Aroclor 1260	ND	14

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	84%	30%-150%
Decachlorobiphenyl	114%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612024	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	6	Sample Description:	841061201-24
Preservative	None		
		Dilution (Target):	1
Date Collected:	12/1/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/01/06	Percent Moisture:	16.4
Date Analyzed:	12/07/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	11000	ug/kg
C19-C36 Aliphatics	1	ND	11000	ug/kg
C11-C22 Aromatics*	1	ND	11000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	69	40%-140%
2-Bromonaphthalene	62	40%-140%
2-Fluorobiphenyl	64	40%-140%
o-Terphenyl	60	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	110	ug/kg
Acenaphthene	ND	110	ug/kg
Acenaphthylene	ND	110	ug/kg
Anthracene	ND	110	ug/kg
Benzo[a]anthracene	ND	110	ug/kg
Benzo[a]pyrene	ND	110	ug/kg
Benzo[b]fluoranthene	ND	110	ug/kg
Benzo[g,h,i]perylene	ND	110	ug/kg
Benzo[k]fluoranthene	ND	110	ug/kg
Chrysene	ND	110	ug/kg
Dibenz[a,h]anthracene	ND	110	ug/kg
Fluoranthene	ND	110	ug/kg
Fluorene	ND	110	ug/kg
Indeno[1,2,3-cd]pyrene	ND	110	ug/kg
Naphthalene	ND	110	ug/kg
Phenanthrene	ND	110	ug/kg
Pyrene	ND	110	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 6

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#: 51132
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-24

Matrix: Solid
Percent Moisture: 16.4
Sample Weight/Volume: 30.78 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4120842.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	16
11104-28-2	Aroclor 1221	ND	16
11141-16-5	Aroclor 1232	ND	16
53469-21-9	Aroclor 1242	ND	16
12672-29-6	Aroclor 1248	ND	16
11097-69-1	Aroclor 1254	ND	16
11096-82-5	Aroclor 1260	ND	16

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	72%	30%-150%
Decachlorobiphenyl	53%	30%-150%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612024	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	7	Sample Description:	841061201-25
Preservative	None		
		Dilution (Target):	1
Date Collected:	12/1/2006		
Date Received:	12/1/2006	Matrix:	Solid
Date Extracted:	12/01/06	Percent Moisture:	10.2
Date Analyzed:	12/07/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	11000	ug/kg
C19-C36 Aliphatics	1	16000	11000	ug/kg
C11-C22 Aromatics*	1	28000	11000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	45	40%-140%
2-Bromonaphthalene	71	40%-140%
2-Fluorobiphenyl	72	40%-140%
o-Terphenyl	42	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	110	ug/kg
Acenaphthene	ND	110	ug/kg
Acenaphthylene	120	110	ug/kg
Anthracene	ND	110	ug/kg
Benzo[a]anthracene	490	110	ug/kg
Benzo[a]pyrene	ND	110	ug/kg
Benzo[b]fluoranthene	290	110	ug/kg
Benzo[g,h,i]perylene	ND	110	ug/kg
Benzo[k]fluoranthene	ND	110	ug/kg
Chrysene	ND	110	ug/kg
Dibenz[a,h]anthracene	ND	110	ug/kg
Fluoranthene	1300	110	ug/kg
Fluorene	ND	110	ug/kg
Indeno[1,2,3-cd]pyrene	ND	110	ug/kg
Naphthalene	ND	110	ug/kg
Phenanthrene	940	110	ug/kg
Pyrene	1200	110	ug/kg

SEMIVOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612024
PL Sample No: 7

Date Collected: 12/1/2006
Date Received: 12/1/2006
Date Extracted: 12/08/06 By: AKB
Date Analyzed: 12/11/06 By: LM
Method: 8082
QC Batch#: 51132
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061201-25

Matrix: Solid
Percent Moisture: 10.2
Sample Weight/Volume: 30.23 g
Dilution Factor: 1
Extract Volume: 2
Lab Data File: 4120843.D

CAS No.	Parameter	Result	DL
12674-11-2	Aroclor 1016	ND	15
11104-28-2	Aroclor 1221	ND	15
11141-16-5	Aroclor 1232	ND	15
53469-21-9	Aroclor 1242	ND	15
12672-29-6	Aroclor 1248	ND	15
11097-69-1	Aroclor 1254	ND	15
11096-82-5	Aroclor 1260	ND	15

Surrogate	Recovery	Limits
Tetrachloro-m-xylene	65%	30%-150%
Decachlorobiphenyl	61%	30%-150%

EC612 024

FUSS & O'NEILL
Disciplines to Deliver
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
- ☐ 56 Quarry Road, Trumbull, CT 06611
- ☐ 1419 Richland Street, Columbia, SC 29201
- ☐ 78 Interstate Drive, West Springfield, MA 01089
- ☐ 610 Lyandale Court, Suite E, Greenville, NC 27858
- ☐ 24 Madison Avenue Extension, Albany, NY 12203
- ☑ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
- ☐ Other _____

CHAIN-OF-CUSTODY RECORD 10635

Turnaround
☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☑ Standard (____ days) *Surcharge Applies

PROJECT NAME: Nu-Style Phase II
PROJECT LOCATION: Franklin, MA
PROJECT NUMBER: 2005 0455.B10
LABORATORY: Premier

REPORT TO: David Foss
INVOICE TO: David Foss
P.O. No.: 8412005 0455.B10
Sampler's Signature: [signature] Date: 12/1/06

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Bottom Sediment A=Air
X=Other MeOH (T.Bl)

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	VOCs by 8260	PP-13 metals	Barium	Total Cyanide	PCBs	VPH by MADEP method	EPH by MADEP method	Soil VOA Vial, [✓] methanol [ ] sodium bisulfate	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other: VOA nonpreserved	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] 250 ml	Plastic - As is, [ ] 250 ml	Plastic - H_2SO_4, [ ] 250 ml	Plastic - HNO_3, 250 ml	Plastic - NaOH, 250 ml	Bacteria Bottle	Comments
1	✓				841006 1201-19	S	12/1/06	0910	✓	✓	✓	✓	✓	✓	✓	1	2		2									
2	↓				-20	↓	↓	0920	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓									
3	↓				-21	↓	↓	1020	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓									
4	↓				-22	↓	↓	1035	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓									
5	↓				-23	↓	↓	1110	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓									
6	↓				-24	↓	↓	1130	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓									
7	↓				-25	↓	↓	1150	↓	↓	↓	↓	↓	↓	↓	↓	↓		↓									
8	↓				-26	X	↓	1200	↓							↓												Trip Blank

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	12/1/06	1215
2	[signature] 2.2°C		12.1.06	1345
3				
4				

Reporting and Detection Limit Requirements: MADEP Data Enhancement Project, MADEP S-1 standard

Additional Comments:
- See attached QA/QC checklist

Premier
Laboratory, LLC
61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

ANALYTICAL DATA REPORT

Report Number: E612024
Project: 20050458.B10/Nu-Style Phase II

prepared for:

Fuss & O'Neill
275 Promenade Street
Providence, RI 02908

Attn: David Foss

Received Date: 12/1/2006
Report Date: 12/18/2006

Premier Laboratory, LLC
Authorized Signature

Certifications:
CT (PH-0465), MA (M-CT008), ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246)

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
1. SDG Project Narratives	☒	☐	
2. Traffic Report	☐	☒	
3. Volatiles Data			
a. Sample Data			
Target Compound List (TCL) Results	☒	☐	
Reconstructed total ion chromatograms (RIC) for each Sample	☒	☐	
For each sample:			
Raw spectra and background-subtracted mass spectra of target compounds identified	☒	☐	
Mass spectra of all reported TICs with three best library matches	☐	☒	
Percent solids calculations	☒	☐	
b. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Area Summary	☒	☐	For 8260 only
c. Raw QC Data			
Blank Data	☒	☐	
Matrix Spike Data	☐	☒	
Matrix Spike Duplicate Data	☐	☒	
4. Semivolatiles Data			
a. QC Summary			
Surrogate Percent Recovery Summary	☒	☐	
MS/MSD Summary	☐	☒	
Method Blank Summary	☒	☐	
Tuning and Mass Calibration	☐	☒	

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
b. Sample Data			
TCL Results	☒	☐	
Tentatively Identified Compounds	☐	☒	
Reconstructed total ion chromatograms (RIC) for each Sample	☒	☐	
For each sample:			
Raw spectra and background-subtracted mass spectra of TCL compounds	☐	☒	
Mass spectra of TICs with 3 best library matches	☐	☒	
GPC chromatograms (if GPC performed)	☐	☐	N/A
c. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Areas Summary	☐	☒	
Internal Standard Areas Summary	☐	☒	
d. Raw QC Data			
Decafluorotripbenylphosphine (DFTPP)	☐	☒	
Blank Data	☒	☐	
Matrix Spike Data	☐	☒	
Matrix Spike Duplicate Data	☐	☒	
5. Miscellaneous Data			
Original preparation and analysis forms or copies of preparation and analysis log book pages	☒	☐	
Internal sample & sample extract transfer chain-of custody records	☐	☒	
Screening Records	☐	☒	
All instrument output, including strip charts from screening activities (describe or list)	☐	☐	N/A

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
6. Chain-of-Custody Records	☒	☐	
Sample Log-in Sheet (Lab & DC1)	☐	☒	
Miscellaneous Shipping/Receiving Records (describe or list)	☐	☐	N/A
7. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)	☒	☐	by Books
8. Other Records (describe or list) inst. run by Books	☒	☐	

9. Comments:

** See laboratory Quality Assurance Plan for limits.

Completed by: (Lab) (Signature) Michael McCullum (Printed Name/Title) 12/29/06 Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: (Lab) (Signature) Robert Stevenson/Lab Director (Printed Name/Title) 1-3-07 Date

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Inorganic Analysis Data Sheet	☑	☐	
3.	Initial and Continuing Calibration Verification	☑	☐	
4.	CRDL Standard for AA and ICP	☑	☐	
5.	Blanks	☑	☐	
6.	ICP Interference Check Sample	☑	☐	
7.	Spike Sample Recovery	☑	☐	
8.	Post Digest Spike Sample Recovery	☐	☑	NA
9.	Duplicates	☑	☐	
10.	Laboratory Control Sample	☑	☐	
11.	Standard Addition Results	☐	☑	NA
12.	ICP Serial Dilutions	☑	☐	
13.	Instrument Detection Limits, Quarterly	☑	☐	
14.	ICP Interelement Correction Factors, Annually	☑	☐	
15.	ICP Linear Ranges Quarterly	☑	☐	
16.	Preparation Log	☑	☐	
17.	Analysis Run Log	☑	☐	
18.	ICP Raw Data	☑	☐	
19.	Furnace AA Raw Data	☐	☑	NA
20.	Mercury Raw Data	☑	☐	
21.	Percent Solids Calculations	☑	☐	
22.	Digestion Logs	☑	☐	
23.	EPA Shipping/Receiving Records (List all individual records)	☐	☐	
	Chain-of Custody Records	☑	☐	
	Sample Log-In sheet	☐	☐	
24.	Miscellaneous Shipping/Receiving Records (List all individual records)	☐	☐	

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

		YES	NO	COMMENTS
25.	Internal Lab Sample Transfer Records and Tracking Sheets (Describe or List) logbook			
26.	Internal Original Sample Preparation and analysis Records (Describe or List	☐	☐	
	Preparation Records	☑	☐	Logbook
	Analysis Records	☑	☐	hardcopy + electronic
	Description	☐	☐	
27.	Other Records (Describe or List)			
28.	Comments:			

** See laboratory Quality Assurance Plan for limits.

Completed by: [signature] Robert Stevenson/Lab Director 1-8-07
(Lab) (Signature) (Printed Name/Title) Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: [signature] Robert Stevenson/Lab Director 1-8-07
(Lab) (Signature) (Printed Name/Title) Date

FUSS & O'NEILL

Modified Tier I
Data Validation Narrative
and Certification

Project: 20050458B10, Former Nu-Style Company, Inc. Facility

Premier Laboratory Project Number:	E612529
Date Samples Received at Laboratory:	12/11/2006
Date of Review:	1/11/2007

Six aqueous samples, including one field duplicate, were collected by low-flow methodology and submitted to Premier Laboratory, LLC in Dayville, Connecticut for analysis of volatile organic compounds (VOCs) by EPA Method 8260B, priority pollutant metals plus barium by EPA Methods 6010B and 7471, and petroleum hydrocarbons by Massachusetts Department of Environmental Protection (MADEP) Methods Extractable Petroleum Hydrocarbons (EPH) and Volatile Petroleum Hydrocarbons (VPH). One aqueous trip blank was also submitted for analysis of VOCs by EPA Method 8260B. Dedicated sampling equipment was employed; therefore, no equipment blank was indicated.

Samples were analyzed within method-specified holding times and in accordance with the Massachusetts Contingency Plan (MCP) Compendium of Analytical Methods (CAM) data enhancement protocols.

I certify that the field and laboratory data associated with the above referenced project, to the best of my knowledge with the exceptions noted above, are compliant with the Quality Assurance Project Plan for the Former Nu-Style Company, Inc. Facility located in Franklin, Massachusetts dated September 2006.

Certified by:

Kevin W. Miller, Ph.D.
QA/QC Officer

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
MODIFIED TIER I COMPLETENESS CHECKLIST

	YES	NO
1. SAMPLING AND FIELD MEASUREMENTS:		
Field measurement calibration records	☑	☐
Groundwater field measurements (if applicable)	☑	☐
Soil sampling field measurements (if applicable)	☐	☐ N/A
Sediment sampling field measurements (if applicable)	☐	☐ N/A
Surface water sampling field measurements (if applicable)	☐	☐ N/A
Low-flow sampling field measurements (if applicable)	☑	☐
Documentation of field activities	☑	☐
Sample numbering and labeling	☑	☐
Chain-of-Custody records	☑	☐
Trip blanks	☑	☐
Duplicate samples	☑	☐
Equipment blanks	☐	☐ N/A
Split samples (if any)	☐	☐ N/A
2. LABORATORY MEASUREMENTS:		
Trip blanks	☑	☐
Instrument blanks	☐	☐
Laboratory control samples	☐	☐
Duplicates samples	☑	☐
Equipment blanks	☐	☐ N/A
Matrix spike/matrix spike duplicates	☐	☐
Analysis type	☑	☐
Chain-of-Custody records	☑	☐
Surrogate recoveries	☑	☐
Sample Project Narratives	☑	☐
Split samples (if any)	☐	☐ N/A

TOTAL: _____ _____

PERCENT COMPLETE: _____ %

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

ANALYTICAL DATA REPORT

Report Number: E612529
Project: 20050458.B10/Nu-Style Phase II

prepared for:

Fuss & O'Neill
275 Promenade Street
Providence, RI 02908

Attn: David Foss

Received Date: 12/11/2006
Report Date: 12/19/2006

Premier Laboratory, LLC
Authorized Signature

Certifications:
CT (PH-0465), MA (M-CT008), ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246)

Premier Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Premier Laboratory, LLC — Project #: E612529

Project Location: Franklin, MA — MADEP RTN[1]:

This Form provides certifications for the following data set:[list Laboratory Sample ID Number(s)]
1, 2, 3, 4, 5, 6, 7

Sample Matrices: ☒ Groundwater ☐ Soil/Sediment ☐ Drinking Water ☐ Other

MCP SW-846 Methods Used					
	8260B ☒	8151A ☐	8330 ☐	6010B ☒	7470A/1A ☒
	8270C ☐	8081A ☐	VPH ☒	6020 ☐	9014M[2] ☐
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	8082 ☐	8021B ☐	EPH ☒	7000 S[3] ☐	7196A ☐

1 List Release Tracking Number (RTN), if known
2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S - SW-846 Methods 7000 Series List individual method and analyte.

An affirmative response to questions A, B, C, and D is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	☒ Yes ☐ No[1]
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	☒ Yes ☐ No[1]
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 (a),(b),(c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☒ Yes ☐ No[1]
D	***VPH and EPH Methods only:*** Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	☒ Yes ☐ No[1]

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	☒ Yes ☐ No[1]
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☒ Yes ☐ No[1]

[1]*All NO answers must be addressed in an attached Environmental Laboratory case narrative.*

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

Signature: _____ Position: Laboratory Director

Printed Name: Ronald Warila Date: 12/19/2006

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

Report No: E612529
Client: Fuss & O'Neill
Project: 20050458.B10/Nu-Style Phase II

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory received seven samples from Fuss & O'Neill on 12/11/2006. The samples were analyzed from the following list of analyses:

Extractable Petroleum Hydrocarbon (EPH)
MADEP EPH[MADEP EPH]
Volatile Petroleum Hydrocarbon (VPH)
MADEP VPH

Trace Priority Pollutant (13) Metals in Water
6010B[3000], 7470A[245.1]
Volatiles by 8260B (GA/GW-1/S-1)
8260B

Variances:

SDG:

None reported.

Method:

None reported.

QA/QC:

Sample 1C, 841061208-27, Volatiles by 8260B (GA/GW-1/S-1): One surrogate spike was outside quality control limits for the matrix spike/matrix spike duplicate due to matrix interference. All surrogate recoveries were within limits for the sample.

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612529
Date Received: 12/11/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(1) 841061208-27						
Date Collected: 12/8/2006 Matrix: Aqueous						
Trace Metals by 6010B						
Antimony	ND	0.010	mg/L	12/18/06	BSZ	
Arsenic	ND	0.010	mg/L	12/18/06	BSZ	
Barium	0.042	0.010	mg/L	12/18/06	BSZ	
Beryllium	ND	0.0010	mg/L	12/18/06	BSZ	
Cadmium	ND	0.0020	mg/L	12/18/06	BSZ	
Chromium	ND	0.010	mg/L	12/18/06	BSZ	
Copper	ND	0.010	mg/L	12/18/06	BSZ	
Lead	0.014	0.0040	mg/L	12/18/06	BSZ	
Nickel	ND	0.010	mg/L	12/18/06	BSZ	
Selenium	ND	0.010	mg/L	12/18/06	BSZ	
Silver	ND	0.0020	mg/L	12/18/06	BSZ	
Thallium	ND	0.0050	mg/L	12/18/06	BSZ	
Zinc	0.023	0.010	mg/L	12/18/06	BSZ	
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	12/14/06	AM	
(2) 841061208-28						
Date Collected: 12/8/2006 Matrix: Aqueous						
Trace Metals by 6010B						
Antimony	ND	0.010	mg/L	12/18/06	BSZ	
Arsenic	ND	0.010	mg/L	12/18/06	BSZ	
Barium	0.038	0.010	mg/L	12/18/06	BSZ	
Beryllium	ND	0.0010	mg/L	12/18/06	BSZ	
Cadmium	ND	0.0020	mg/L	12/18/06	BSZ	
Chromium	ND	0.010	mg/L	12/18/06	BSZ	
Copper	ND	0.010	mg/L	12/18/06	BSZ	
Lead	0.012	0.0040	mg/L	12/18/06	BSZ	
Nickel	ND	0.010	mg/L	12/18/06	BSZ	
Selenium	ND	0.010	mg/L	12/18/06	BSZ	
Silver	ND	0.0020	mg/L	12/18/06	BSZ	
Thallium	ND	0.0050	mg/L	12/18/06	BSZ	
Zinc	0.015	0.010	mg/L	12/18/06	BSZ	
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	12/14/06	AM	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612529
Date Received: 12/11/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(3) 841061208-29						
Date Collected: 12/8/2006 Matrix: Aqueous						
Trace Metals by 6010B						
Antimony	ND	0.010	mg/L	12/18/06	BSZ	
Arsenic	ND	0.010	mg/L	12/18/06	BSZ	
Barium	0.14	0.010	mg/L	12/18/06	BSZ	
Beryllium	ND	0.0010	mg/L	12/18/06	BSZ	
Cadmium	ND	0.0020	mg/L	12/18/06	BSZ	
Chromium	ND	0.010	mg/L	12/18/06	BSZ	
Copper	ND	0.010	mg/L	12/18/06	BSZ	
Lead	ND	0.0040	mg/L	12/18/06	BSZ	
Nickel	0.017	0.010	mg/L	12/18/06	BSZ	
Selenium	ND	0.010	mg/L	12/18/06	BSZ	
Silver	ND	0.0020	mg/L	12/18/06	BSZ	
Thallium	ND	0.0050	mg/L	12/18/06	BSZ	
Zinc	0.028	0.010	mg/L	12/18/06	BSZ	
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	12/14/06	AM	
(4) 841061208-30						
Date Collected: 12/8/2006 Matrix: Aqueous						
Trace Metals by 6010B						
Antimony	ND	0.010	mg/L	12/18/06	BSZ	
Arsenic	ND	0.010	mg/L	12/18/06	BSZ	
Barium	0.15	0.010	mg/L	12/18/06	BSZ	
Beryllium	ND	0.0010	mg/L	12/18/06	BSZ	
Cadmium	ND	0.0020	mg/L	12/18/06	BSZ	
Chromium	ND	0.010	mg/L	12/18/06	BSZ	
Copper	0.015	0.010	mg/L	12/18/06	BSZ	
Lead	ND	0.0040	mg/L	12/18/06	BSZ	
Nickel	0.15	0.010	mg/L	12/18/06	BSZ	
Selenium	ND	0.010	mg/L	12/18/06	BSZ	
Silver	ND	0.0020	mg/L	12/18/06	BSZ	
Thallium	ND	0.0050	mg/L	12/18/06	BSZ	
Zinc	0.057	0.010	mg/L	12/18/06	BSZ	
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	12/14/06	AM	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E612529
Date Received: 12/11/2006

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(5) 841061208-31						
Date Collected: 12/8/2006 Matrix: Aqueous						
Trace Metals by 6010B						
Antimony	ND	0.010	mg/L	12/18/06	BSZ	
Arsenic	ND	0.010	mg/L	12/18/06	BSZ	
Barium	0.83	0.010	mg/L	12/18/06	BSZ	
Beryllium	0.0018	0.0010	mg/L	12/18/06	BSZ	
Cadmium	0.0034	0.0020	mg/L	12/18/06	BSZ	
Chromium	0.092	0.010	mg/L	12/18/06	BSZ	
Copper	0.073	0.010	mg/L	12/18/06	BSZ	
Lead	1.9	0.0040	mg/L	12/18/06	BSZ	
Nickel	0.12	0.010	mg/L	12/18/06	BSZ	
Selenium	ND	0.010	mg/L	12/18/06	BSZ	
Silver	ND	0.0020	mg/L	12/18/06	BSZ	
Thallium	ND	0.0050	mg/L	12/18/06	BSZ	
Zinc	0.73	0.010	mg/L	12/18/06	BSZ	
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	12/14/06	AM	
(6) 841061208-32						
Date Collected: 12/8/2006 Matrix: Aqueous						
Trace Metals by 6010B						
Antimony	ND	0.010	mg/L	12/18/06	BSZ	
Arsenic	ND	0.010	mg/L	12/18/06	BSZ	
Barium	0.21	0.010	mg/L	12/18/06	BSZ	
Beryllium	0.0087	0.0010	mg/L	12/18/06	BSZ	
Cadmium	ND	0.0020	mg/L	12/18/06	BSZ	
Chromium	0.036	0.010	mg/L	12/18/06	BSZ	
Copper	0.018	0.010	mg/L	12/18/06	BSZ	
Lead	0.098	0.0040	mg/L	12/18/06	BSZ	
Nickel	0.054	0.010	mg/L	12/18/06	BSZ	
Selenium	ND	0.010	mg/L	12/18/06	BSZ	
Silver	ND	0.0020	mg/L	12/18/06	BSZ	
Thallium	ND	0.0050	mg/L	12/18/06	BSZ	
Zinc	0.17	0.010	mg/L	12/18/06	BSZ	
Mercury by SW-846 7470A in GW	ND	0.00020	mg/L	12/14/06	AM	

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612529	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	1	Sample Description:	841061208-27
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	12/8/2006		
Date Received:	12/11/2006	Matrix:	Aqueous
Date Analyzed:	12/12/06	Percent Moisture:	N/A
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	1	ND	100	ug/L
C9-C12 Aliphatics**	1	ND	100	ug/L
C9-C10 Aromatics***	1	ND	100	ug/L

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	72	70%-130%
2,5-dibromotoluene #2	72	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Methyl tert-butyl ether (MTBE)	ND	1.0	ug/L
Naphthalene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
m,p-Xylenes	ND	5.0	ug/L
o-Xylene	ND	5.0	ug/L

958B150

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612529
PL Sample No: 1

Date Collected: 12/8/2006
Date Received: 12/11/2006
Date Extracted: By:
Date Analyzed: 12/14/06 By: GP
Method: 8260B
QC Batch#: 51242
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061208-27

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M32643.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	10
71-43-2	Benzene	ND	1.0
108-86-1	Bromobenzene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
75-27-4	Bromodichloromethane	ND	1.0
75-25-2	Bromoform	ND	1.0
74-83-9	Bromomethane	ND	1.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	1.0
135-98-8	sec-Butylbenzene	ND	1.0
98-06-6	tert-Butylbenzene	ND	1.0
75-15-0	Carbon disulfide	ND	1.0
56-23-5	Carbon tetrachloride	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
75-00-3	Chloroethane	ND	1.0
67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
95-49-8	2-Chlorotoluene	ND	1.0
106-43-4	4-Chlorotoluene	ND	1.0
108-20-3	Di-isopropyl ether (DIPE)	ND	1.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	1.0
95-50-1	1,2-Dichlorobenzene	ND	1.0
541-73-1	1,3-Dichlorobenzene	ND	1.0
106-46-7	1,4-Dichlorobenzene	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
75-34-3	1,1-Dichloroethane	ND	1.0
107-06-2	1,2-Dichloroethane	ND	1.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	1.0
156-60-5	trans-1,2-Dichloroethene	ND	1.0
78-87-5	1,2-Dichloropropane	ND	1.0
142-28-9	1,3-Dichloropropane	ND	1.0
590-20-7	2,2-Dichloropropane	ND	1.0
563-58-6	1,1-Dichloropropene	ND	1.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
60-29-7	Diethyl ether	ND	1.0
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612529
PL Sample No: 1 (continued)

Date Collected: 12/8/2006
Date Received: 12/11/2006
Date Extracted: By:
Date Analyzed: 12/14/06 By: GP
Method: 8260B
QC Batch#: 51242
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061208-27

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M32643.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	0.50
591-78-6	2-Hexanone	ND	5.0
98-82-8	Isopropylbenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	1.0
103-65-1	n-Propylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
1748-03-8	Tertiary-amyl methyl ether (TAME)	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
96-18-4	1,2,3-Trichloropropane	ND	1.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	1.0
108-88-3	Toluene	ND	1.0
87-61-6	1,2,3-Trichlorobenzene	ND	1.0
120-82-1	1,2,4-Trichlorobenzene	ND	1.0
71-55-6	1,1,1-Trichloroethane	ND	1.0
79-00-5	1,1,2-Trichloroethane	ND	1.0
79-01-6	Trichloroethene (TCE)	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
95-63-6	1,2,4-Trimethylbenzene	ND	1.0
108-67-8	1,3,5-Trimethylbenzene	ND	1.0
75-01-4	Vinyl chloride	ND	1.0
95-47-6	o-Xylene	ND	1.0
	m,p-Xylenes	ND	1.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	107%	91%-109%
Bromofluorobenzene	90%	87%-105%
Toluene-d8	104%	92%-105%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612529	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	2	Sample Description:	841061208-28
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	12/8/2006		
Date Received:	12/11/2006	Matrix:	Aqueous
Date Analyzed:	12/13/06	Percent Moisture:	N/A
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	1	ND	100	ug/L
C9-C12 Aliphatics**	1	ND	100	ug/L
C9-C10 Aromatics***	1	ND	100	ug/L

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	78	70%-130%
2,5-dibromotoluene #2	85	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Methyl tert-butyl ether (MTBE)	ND	1.0	ug/L
Naphthalene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
m,p-Xylenes	ND	5.0	ug/L
o-Xylene	ND	5.0	ug/L

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612529
PL Sample No: 2

Date Collected: 12/8/2006
Date Received: 12/11/2006
Date Extracted: By:
Date Analyzed: 12/14/06 By: GP
Method: 8260B
QC Batch#: 51242
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061208-28

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M32644.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	10
71-43-2	Benzene	ND	1.0
108-86-1	Bromobenzene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
75-27-4	Bromodichloromethane	ND	1.0
75-25-2	Bromoform	ND	1.0
74-83-9	Bromomethane	ND	1.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	1.0
135-98-8	sec-Butylbenzene	ND	1.0
98-06-6	tert-Butylbenzene	ND	1.0
75-15-0	Carbon disulfide	ND	1.0
56-23-5	Carbon tetrachloride	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
75-00-3	Chloroethane	ND	1.0
67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
95-49-8	2-Chlorotoluene	ND	1.0
106-43-4	4-Chlorotoluene	ND	1.0
108-20-3	Di-isopropyl ether (DIPE)	ND	1.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	1.0
95-50-1	1,2-Dichlorobenzene	ND	1.0
541-73-1	1,3-Dichlorobenzene	ND	1.0
106-46-7	1,4-Dichlorobenzene	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
75-34-3	1,1-Dichloroethane	ND	1.0
107-06-2	1,2-Dichloroethane	ND	1.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	1.0
156-60-5	trans-1,2-Dichloroethene	ND	1.0
78-87-5	1,2-Dichloropropane	ND	1.0
142-28-9	1,3-Dichloropropane	ND	1.0
590-20-7	2,2-Dichloropropane	ND	1.0
563-58-6	1,1-Dichloropropene	ND	1.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
60-29-7	Diethyl ether	ND	1.0
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612529
PL Sample No: 2 (continued)

Date Collected: 12/8/2006
Date Received: 12/11/2006
Date Extracted: By:
Date Analyzed: 12/14/06 By: GP
Method: 8260B
QC Batch#: 51242
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061208-28

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M32644.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	0.50
591-78-6	2-Hexanone	ND	5.0
98-82-8	Isopropylbenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	1.0
103-65-1	n-Propylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
1748-03-8	Tertiary-amyl methyl ether (TAME)	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
96-18-4	1,2,3-Trichloropropane	ND	1.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	1.0
108-88-3	Toluene	ND	1.0
87-61-6	1,2,3-Trichlorobenzene	ND	1.0
120-82-1	1,2,4-Trichlorobenzene	ND	1.0
71-55-6	1,1,1-Trichloroethane	ND	1.0
79-00-5	1,1,2-Trichloroethane	ND	1.0
79-01-6	Trichloroethene (TCE)	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
95-63-6	1,2,4-Trimethylbenzene	ND	1.0
108-67-8	1,3,5-Trimethylbenzene	ND	1.0
75-01-4	Vinyl chloride	ND	1.0
95-47-6	o-Xylene	ND	1.0
	m,p-Xylenes	ND	1.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	108%	91%-109%
Bromofluorobenzene	88%	87%-105%
Toluene-d8	103%	92%-105%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612529	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	3	Sample Description:	841061208-29
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	12/8/2006		
Date Received:	12/11/2006	Matrix:	Aqueous
Date Analyzed:	12/13/06	Percent Moisture:	N/A
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	1	ND	100	ug/L
C9-C12 Aliphatics**	1	ND	100	ug/L
C9-C10 Aromatics***	1	ND	100	ug/L

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	78	70%-130%
2,5-dibromotoluene #2	85	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Methyl tert-butyl ether (MTBE)	2.1	1.0	ug/L
Naphthalene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
m,p-Xylenes	ND	5.0	ug/L
o-Xylene	ND	5.0	ug/L

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612529
PL Sample No: 3

Date Collected: 12/8/2006
Date Received: 12/11/2006
Date Extracted: By:
Date Analyzed: 12/13/06 By: GP
Method: 8260B
QC Batch#: 51243
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061208-29

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28736.D;M32648.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	10
71-43-2	Benzene	ND	1.0
108-86-1	Bromobenzene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
75-27-4	Bromodichloromethane	ND	1.0
75-25-2	Bromoform	ND	1.0
74-83-9	Bromomethane	ND	1.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	1.0
135-98-8	sec-Butylbenzene	ND	1.0
98-06-6	tert-Butylbenzene	ND	1.0
75-15-0	Carbon disulfide	ND	1.0
56-23-5	Carbon tetrachloride	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
75-00-3	Chloroethane	ND	1.0
67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
95-49-8	2-Chlorotoluene	ND	1.0
106-43-4	4-Chlorotoluene	ND	1.0
108-20-3	Di-isopropyl ether (DIPE)	ND	1.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	1.0
95-50-1	1,2-Dichlorobenzene	ND	1.0
541-73-1	1,3-Dichlorobenzene	ND	1.0
106-46-7	1,4-Dichlorobenzene	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
75-34-3	1,1-Dichloroethane	ND	1.0
107-06-2	1,2-Dichloroethane	ND	1.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	8.0	1.0
156-60-5	trans-1,2-Dichloroethene	ND	1.0
78-87-5	1,2-Dichloropropane	ND	1.0
142-28-9	1,3-Dichloropropane	ND	1.0
590-20-7	2,2-Dichloropropane	ND	1.0
563-58-6	1,1-Dichloropropene	ND	1.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
60-29-7	Diethyl ether	ND	1.0
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612529
PL Sample No: 3 (continued)

Date Collected: 12/8/2006
Date Received: 12/11/2006
Date Extracted: By:
Date Analyzed: 12/13/06 By: GP
Method: 8260B
QC Batch#: 51243
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061208-29

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J28736.D;M32648.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	0.50
591-78-6	2-Hexanone	ND	5.0
98-82-8	Isopropylbenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
1634-04-4	Methyl tert-butyl ether (MTBE)	1.8	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	1.0
103-65-1	n-Propylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
1748-03-8	Tertiary-amyl methyl ether (TAME)	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
96-18-4	1,2,3-Trichloropropane	ND	1.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	240	1.0
108-88-3	Toluene	ND	1.0
87-61-6	1,2,3-Trichlorobenzene	ND	1.0
120-82-1	1,2,4-Trichlorobenzene	ND	1.0
71-55-6	1,1,1-Trichloroethane	1.8	1.0
79-00-5	1,1,2-Trichloroethane	ND	1.0
79-01-6	Trichloroethene (TCE)	150	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
95-63-6	1,2,4-Trimethylbenzene	ND	1.0
108-67-8	1,3,5-Trimethylbenzene	ND	1.0
75-01-4	Vinyl chloride	ND	1.0
95-47-6	o-Xylene	ND	1.0
	m,p-Xylenes	ND	1.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	100%	91%-109%
Bromofluorobenzene	89%	87%-105%
Toluene-d8	103%	92%-105%

958B150

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612529	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	4	Sample Description:	841061208-30
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	12/8/2006		
Date Received:	12/11/2006	Matrix:	Aqueous
Date Analyzed:	12/13/06	Percent Moisture:	N/A
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	1	ND	100	ug/L
C9-C12 Aliphatics**	1	ND	100	ug/L
C9-C10 Aromatics***	1	ND	100	ug/L

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	75	70%-130%
2,5-dibromotoluene #2	81	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Methyl tert-butyl ether (MTBE)	ND	1.0	ug/L
Naphthalene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
m,p-Xylenes	ND	5.0	ug/L
o-Xylene	ND	5.0	ug/L

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612529
PL Sample No: 4

Date Collected: 12/8/2006
Date Received: 12/11/2006
Date Extracted: By:
Date Analyzed: 12/14/06 By: GP
Method: 8260B
QC Batch#: 51242
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061208-30

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M32645.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	10
71-43-2	Benzene	ND	1.0
108-86-1	Bromobenzene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
75-27-4	Bromodichloromethane	ND	1.0
75-25-2	Bromoform	ND	1.0
74-83-9	Bromomethane	ND	1.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	1.0
135-98-8	sec-Butylbenzene	ND	1.0
98-06-6	tert-Butylbenzene	ND	1.0
75-15-0	Carbon disulfide	ND	1.0
56-23-5	Carbon tetrachloride	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
75-00-3	Chloroethane	ND	1.0
67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
95-49-8	2-Chlorotoluene	ND	1.0
106-43-4	4-Chlorotoluene	ND	1.0
108-20-3	Di-isopropyl ether (DIPE)	ND	1.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	1.0
95-50-1	1,2-Dichlorobenzene	ND	1.0
541-73-1	1,3-Dichlorobenzene	ND	1.0
106-46-7	1,4-Dichlorobenzene	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
75-34-3	1,1-Dichloroethane	ND	1.0
107-06-2	1,2-Dichloroethane	ND	1.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	1.0
156-60-5	trans-1,2-Dichloroethene	ND	1.0
78-87-5	1,2-Dichloropropane	ND	1.0
142-28-9	1,3-Dichloropropane	ND	1.0
590-20-7	2,2-Dichloropropane	ND	1.0
563-58-6	1,1-Dichloropropene	ND	1.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
60-29-7	Diethyl ether	ND	1.0
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612529
PL Sample No: 4 (continued)

Date Collected: 12/8/2006
Date Received: 12/11/2006
Date Extracted: By:
Date Analyzed: 12/14/06 By: GP
Method: 8260B
QC Batch#: 51242
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061208-30

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M32645.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	0.50
591-78-6	2-Hexanone	ND	5.0
98-82-8	Isopropylbenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	1.0
103-65-1	n-Propylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
1748-03-8	Tertiary-amyl methyl ether (TAME)	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
96-18-4	1,2,3-Trichloropropane	ND	1.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	6.6	1.0
108-88-3	Toluene	ND	1.0
87-61-6	1,2,3-Trichlorobenzene	ND	1.0
120-82-1	1,2,4-Trichlorobenzene	ND	1.0
71-55-6	1,1,1-Trichloroethane	ND	1.0
79-00-5	1,1,2-Trichloroethane	ND	1.0
79-01-6	Trichloroethene (TCE)	6.6	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
95-63-6	1,2,4-Trimethylbenzene	ND	1.0
108-67-8	1,3,5-Trimethylbenzene	ND	1.0
75-01-4	Vinyl chloride	ND	1.0
95-47-6	o-Xylene	ND	1.0
	m,p-Xylenes	ND	1.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	108%	91%-109%
Bromofluorobenzene	89%	87%-105%
Toluene-d8	101%	92%-105%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612529	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	5	Sample Description:	841061208-31
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	12/8/2006		
Date Received:	12/11/2006	Matrix:	Aqueous
Date Analyzed:	12/13/06	Percent Moisture:	N/A
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	1	ND	100	ug/L
C9-C12 Aliphatics**	1	ND	100	ug/L
C9-C10 Aromatics***	1	ND	100	ug/L

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	79	70%-130%
2,5-dibromotoluene #2	84	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Methyl tert-butyl ether (MTBE)	ND	1.0	ug/L
Naphthalene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
m,p-Xylenes	ND	5.0	ug/L
o-Xylene	ND	5.0	ug/L

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612529
PL Sample No: 5

Date Collected: 12/8/2006
Date Received: 12/11/2006
Date Extracted: By:
Date Analyzed: 12/14/06 By: GP
Method: 8260B
QC Batch#: 51242
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061208-31

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M32646.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	10
71-43-2	Benzene	ND	1.0
108-86-1	Bromobenzene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
75-27-4	Bromodichloromethane	ND	1.0
75-25-2	Bromoform	ND	1.0
74-83-9	Bromomethane	ND	1.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	1.0
135-98-8	sec-Butylbenzene	ND	1.0
98-06-6	tert-Butylbenzene	ND	1.0
75-15-0	Carbon disulfide	ND	1.0
56-23-5	Carbon tetrachloride	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
75-00-3	Chloroethane	ND	1.0
67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
95-49-8	2-Chlorotoluene	ND	1.0
106-43-4	4-Chlorotoluene	ND	1.0
108-20-3	Di-isopropyl ether (DIPE)	ND	1.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	1.0
95-50-1	1,2-Dichlorobenzene	ND	1.0
541-73-1	1,3-Dichlorobenzene	ND	1.0
106-46-7	1,4-Dichlorobenzene	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
75-34-3	1,1-Dichloroethane	ND	1.0
107-06-2	1,2-Dichloroethane	ND	1.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	1.0
156-60-5	trans-1,2-Dichloroethene	ND	1.0
78-87-5	1,2-Dichloropropane	ND	1.0
142-28-9	1,3-Dichloropropane	ND	1.0
590-20-7	2,2-Dichloropropane	ND	1.0
563-58-6	1,1-Dichloropropene	ND	1.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
60-29-7	Diethyl ether	ND	1.0
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612529
PL Sample No: 5 (continued)

Date Collected: 12/8/2006
Date Received: 12/11/2006
Date Extracted: By:
Date Analyzed: 12/14/06 By: GP
Method: 8260B
QC Batch#: 51242
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061208-31

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M32646.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	0.50
591-78-6	2-Hexanone	ND	5.0
98-82-8	Isopropylbenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	1.0
103-65-1	n-Propylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
1748-03-8	Tertiary-amyl methyl ether (TAME)	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
96-18-4	1,2,3-Trichloropropane	ND	1.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	1.0
108-88-3	Toluene	ND	1.0
87-61-6	1,2,3-Trichlorobenzene	ND	1.0
120-82-1	1,2,4-Trichlorobenzene	ND	1.0
71-55-6	1,1,1-Trichloroethane	ND	1.0
79-00-5	1,1,2-Trichloroethane	ND	1.0
79-01-6	Trichloroethene (TCE)	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
95-63-6	1,2,4-Trimethylbenzene	ND	1.0
108-67-8	1,3,5-Trimethylbenzene	ND	1.0
75-01-4	Vinyl chloride	ND	1.0
95-47-6	o-Xylene	ND	1.0
	m,p-Xylenes	ND	1.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	108%	91%-109%
Bromofluorobenzene	89%	87%-105%
Toluene-d8	103%	92%-105%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612529	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	6	Sample Description:	841061208-32
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	12/8/2006		
Date Received:	12/11/2006	Matrix:	Aqueous
Date Analyzed:	12/13/06	Percent Moisture:	N/A
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	1	ND	100	ug/L
C9-C12 Aliphatics**	1	ND	100	ug/L
C9-C10 Aromatics***	1	ND	100	ug/L

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	75	70%-130%
2,5-dibromotoluene #2	79	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Methyl tert-butyl ether (MTBE)	ND	1.0	ug/L
Naphthalene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
m,p-Xylenes	ND	5.0	ug/L
o-Xylene	ND	5.0	ug/L

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612529
PL Sample No: 6

Date Collected: 12/8/2006
Date Received: 12/11/2006
Date Extracted: By:
Date Analyzed: 12/14/06 By: GP
Method: 8260B
QC Batch#: 51242
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061208-32

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M32647.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	10
71-43-2	Benzene	ND	1.0
108-86-1	Bromobenzene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
75-27-4	Bromodichloromethane	ND	1.0
75-25-2	Bromoform	ND	1.0
74-83-9	Bromomethane	ND	1.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	1.0
135-98-8	sec-Butylbenzene	ND	1.0
98-06-6	tert-Butylbenzene	ND	1.0
75-15-0	Carbon disulfide	ND	1.0
56-23-5	Carbon tetrachloride	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
75-00-3	Chloroethane	ND	1.0
67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
95-49-8	2-Chlorotoluene	ND	1.0
106-43-4	4-Chlorotoluene	ND	1.0
108-20-3	Di-isopropyl ether (DIPE)	ND	1.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	1.0
95-50-1	1,2-Dichlorobenzene	ND	1.0
541-73-1	1,3-Dichlorobenzene	ND	1.0
106-46-7	1,4-Dichlorobenzene	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
75-34-3	1,1-Dichloroethane	ND	1.0
107-06-2	1,2-Dichloroethane	ND	1.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	1.0
156-60-5	trans-1,2-Dichloroethene	ND	1.0
78-87-5	1,2-Dichloropropane	ND	1.0
142-28-9	1,3-Dichloropropane	ND	1.0
590-20-7	2,2-Dichloropropane	ND	1.0
563-58-6	1,1-Dichloropropene	ND	1.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
60-29-7	Diethyl ether	ND	1.0
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612529
PL Sample No: 6 (continued)

Date Collected: 12/8/2006
Date Received: 12/11/2006
Date Extracted: By:
Date Analyzed: 12/14/06 By: GP
Method: 8260B
QC Batch#: 51242
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061208-32

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M32647.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	0.50
591-78-6	2-Hexanone	ND	5.0
98-82-8	Isopropylbenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	1.0
103-65-1	n-Propylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
1748-03-8	Tertiary-amyl methyl ether (TAME)	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
96-18-4	1,2,3-Trichloropropane	ND	1.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	43	1.0
108-88-3	Toluene	ND	1.0
87-61-6	1,2,3-Trichlorobenzene	ND	1.0
120-82-1	1,2,4-Trichlorobenzene	ND	1.0
71-55-6	1,1,1-Trichloroethane	ND	1.0
79-00-5	1,1,2-Trichloroethane	ND	1.0
79-01-6	Trichloroethene (TCE)	40	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
95-63-6	1,2,4-Trimethylbenzene	ND	1.0
108-67-8	1,3,5-Trimethylbenzene	ND	1.0
75-01-4	Vinyl chloride	ND	1.0
95-47-6	o-Xylene	ND	1.0
	m,p-Xylenes	ND	1.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	108%	91%-109%
Bromofluorobenzene	89%	87%-105%
Toluene-d8	101%	92%-105%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612529
PL Sample No: 7

Date Collected: 12/8/2006
Date Received: 12/11/2006
Date Extracted: By:
Date Analyzed: 12/14/06 By: GP
Method: 8260B
QC Batch#: 51242
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061208-33

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M32639.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	10
71-43-2	Benzene	ND	1.0
108-86-1	Bromobenzene	ND	1.0
74-97-5	Bromochloromethane	ND	1.0
75-27-4	Bromodichloromethane	ND	1.0
75-25-2	Bromoform	ND	1.0
74-83-9	Bromomethane	ND	1.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	1.0
135-98-8	sec-Butylbenzene	ND	1.0
98-06-6	tert-Butylbenzene	ND	1.0
75-15-0	Carbon disulfide	ND	1.0
56-23-5	Carbon tetrachloride	ND	1.0
108-90-7	Chlorobenzene	ND	1.0
75-00-3	Chloroethane	ND	1.0
67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
95-49-8	2-Chlorotoluene	ND	1.0
106-43-4	4-Chlorotoluene	ND	1.0
108-20-3	Di-isopropyl ether (DIPE)	ND	1.0
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	ND	0.50
124-48-1	Dibromochloromethane	ND	0.50
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
74-95-3	Dibromomethane	ND	1.0
95-50-1	1,2-Dichlorobenzene	ND	1.0
541-73-1	1,3-Dichlorobenzene	ND	1.0
106-46-7	1,4-Dichlorobenzene	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
75-34-3	1,1-Dichloroethane	ND	1.0
107-06-2	1,2-Dichloroethane	ND	1.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	1.0
156-60-5	trans-1,2-Dichloroethene	ND	1.0
78-87-5	1,2-Dichloropropane	ND	1.0
142-28-9	1,3-Dichloropropane	ND	1.0
590-20-7	2,2-Dichloropropane	ND	1.0
563-58-6	1,1-Dichloropropene	ND	1.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
60-29-7	Diethyl ether	ND	1.0
123-91-1	1,4-Dioxane	ND	20

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E612529
PL Sample No: 7 (continued)

Date Collected: 12/8/2006
Date Received: 12/11/2006
Date Extracted: By:
Date Analyzed: 12/14/06 By: GP
Method: 8260B
QC Batch#: 51242
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841061208-33

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: M32639.D

CAS No.	Parameter	Result	DL
	Ethyl tertiary-butyl ether (EtBE)	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	0.50
591-78-6	2-Hexanone	ND	5.0
98-82-8	Isopropylbenzene	ND	1.0
99-87-6	4-Isopropyltoluene	ND	1.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	1.0
103-65-1	n-Propylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
1748-03-8	Tertiary-amyl methyl ether (TAME)	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
96-18-4	1,2,3-Trichloropropane	ND	1.0
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50
127-18-4	Tetrachloroethene (PCE)	ND	1.0
108-88-3	Toluene	ND	1.0
87-61-6	1,2,3-Trichlorobenzene	ND	1.0
120-82-1	1,2,4-Trichlorobenzene	ND	1.0
71-55-6	1,1,1-Trichloroethane	ND	1.0
79-00-5	1,1,2-Trichloroethane	ND	1.0
79-01-6	Trichloroethene (TCE)	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
95-63-6	1,2,4-Trimethylbenzene	ND	1.0
108-67-8	1,3,5-Trimethylbenzene	ND	1.0
75-01-4	Vinyl chloride	ND	1.0
95-47-6	o-Xylene	ND	1.0
	m,p-Xylenes	ND	1.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	107%	91%-109%
Bromofluorobenzene	91%	87%-105%
Toluene-d8	104%	92%-105%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612529	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	1	Sample Description:	841061208-27
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	12/8/2006		
Date Received:	12/11/2006	Matrix:	Aqueous
Date Extracted:	12/12/06	Percent Moisture:	N/A
Date Analyzed:	12/13/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	100	ug/L
C19-C36 Aliphatics	1	ND	100	ug/L
C11-C22 Aromatics*	1	ND	100	ug/L

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	76	40%-140%
2-Bromonaphthalene	101	40%-140%
2-Fluorobiphenyl	95	40%-140%
o-Terphenyl	72	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	1.0	ug/L
Acenaphthene	ND	1.0	ug/L
Acenaphthylene	ND	1.0	ug/L
Anthracene	ND	1.0	ug/L
Benzo[a]anthracene	ND	1.0	ug/L
Benzo[a]pyrene	ND	0.20	ug/L
Benzo[b]fluoranthene	ND	1.0	ug/L
Benzo[g,h,i]perylene	ND	0.50	ug/L
Benzo[k]fluoranthene	ND	1.0	ug/L
Chrysene	ND	1.0	ug/L
Dibenz[a,h]anthracene	ND	0.50	ug/L
Fluoranthene	ND	1.0	ug/L
Fluorene	ND	1.0	ug/L
Indeno[1,2,3-cd]pyrene	ND	0.50	ug/L
Naphthalene	ND	1.0	ug/L
Phenanthrene	ND	1.0	ug/L
Pyrene	ND	1.0	ug/L

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612529	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	2	Sample Description:	841061208-28
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	12/8/2006		
Date Received:	12/11/2006	Matrix:	Aqueous
Date Extracted:	12/12/06	Percent Moisture:	N/A
Date Analyzed:	12/13/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	100	ug/L
C19-C36 Aliphatics	1	ND	100	ug/L
C11-C22 Aromatics*	1	ND	100	ug/L

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	73	40%-140%
2-Bromonaphthalene	100	40%-140%
2-Fluorobiphenyl	94	40%-140%
o-Terphenyl	72	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	1.0	ug/L
Acenaphthene	ND	1.0	ug/L
Acenaphthylene	ND	1.0	ug/L
Anthracene	ND	1.0	ug/L
Benzo[a]anthracene	ND	1.0	ug/L
Benzo[a]pyrene	ND	0.20	ug/L
Benzo[b]fluoranthene	ND	1.0	ug/L
Benzo[g,h,i]perylene	ND	0.50	ug/L
Benzo[k]fluoranthene	ND	1.0	ug/L
Chrysene	ND	1.0	ug/L
Dibenz[a,h]anthracene	ND	0.50	ug/L
Fluoranthene	ND	1.0	ug/L
Fluorene	ND	1.0	ug/L
Indeno[1,2,3-cd]pyrene	ND	0.50	ug/L
Naphthalene	ND	1.0	ug/L
Phenanthrene	ND	1.0	ug/L
Pyrene	ND	1.0	ug/L

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612529	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	3	Sample Description:	841061208-29
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	12/8/2006		
Date Received:	12/11/2006	Matrix:	Aqueous
Date Extracted:	12/12/06	Percent Moisture:	N/A
Date Analyzed:	12/12/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	100	ug/L
C19-C36 Aliphatics	1	ND	100	ug/L
C11-C22 Aromatics*	1	ND	100	ug/L

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	70	40%-140%
2-Bromonaphthalene	96	40%-140%
2-Fluorobiphenyl	91	40%-140%
o-Terphenyl	69	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	1.0	ug/L
Acenaphthene	ND	1.0	ug/L
Acenaphthylene	ND	1.0	ug/L
Anthracene	ND	1.0	ug/L
Benzo[a]anthracene	ND	1.0	ug/L
Benzo[a]pyrene	ND	0.20	ug/L
Benzo[b]fluoranthene	ND	1.0	ug/L
Benzo[g,h,i]perylene	ND	0.50	ug/L
Benzo[k]fluoranthene	ND	1.0	ug/L
Chrysene	ND	1.0	ug/L
Dibenz[a,h]anthracene	ND	0.50	ug/L
Fluoranthene	ND	1.0	ug/L
Fluorene	ND	1.0	ug/L
Indeno[1,2,3-cd]pyrene	ND	0.50	ug/L
Naphthalene	ND	1.0	ug/L
Phenanthrene	ND	1.0	ug/L
Pyrene	ND	1.0	ug/L

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612529	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	4	Sample Description:	841061208-30
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	12/8/2006		
Date Received:	12/11/2006	Matrix:	Aqueous
Date Extracted:	12/12/06	Percent Moisture:	N/A
Date Analyzed:	12/13/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	100	ug/L
C19-C36 Aliphatics	1	ND	100	ug/L
C11-C22 Aromatics*	1	ND	100	ug/L

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	51	40%-140%
2-Bromonaphthalene	68	40%-140%
2-Fluorobiphenyl	70	40%-140%
o-Terphenyl	45	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	1.0	ug/L
Acenaphthene	ND	1.0	ug/L
Acenaphthylene	ND	1.0	ug/L
Anthracene	ND	1.0	ug/L
Benzo[a]anthracene	ND	1.0	ug/L
Benzo[a]pyrene	ND	0.20	ug/L
Benzo[b]fluoranthene	ND	1.0	ug/L
Benzo[g,h,i]perylene	ND	0.50	ug/L
Benzo[k]fluoranthene	ND	1.0	ug/L
Chrysene	ND	1.0	ug/L
Dibenz[a,h]anthracene	ND	0.50	ug/L
Fluoranthene	ND	1.0	ug/L
Fluorene	ND	1.0	ug/L
Indeno[1,2,3-cd]pyrene	ND	0.50	ug/L
Naphthalene	ND	1.0	ug/L
Phenanthrene	ND	1.0	ug/L
Pyrene	ND	1.0	ug/L

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612529	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	5	Sample Description:	841061208-31
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	12/8/2006		
Date Received:	12/11/2006	Matrix:	Aqueous
Date Extracted:	12/12/06	Percent Moisture:	N/A
Date Analyzed:	12/13/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	100	ug/L
C19-C36 Aliphatics	1	ND	100	ug/L
C11-C22 Aromatics*	1	ND	100	ug/L

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	50	40%-140%
2-Bromonaphthalene	72	40%-140%
2-Fluorobiphenyl	77	40%-140%
o-Terphenyl	51	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	1.0	ug/L
Acenaphthene	ND	1.0	ug/L
Acenaphthylene	ND	1.0	ug/L
Anthracene	ND	1.0	ug/L
Benzo[a]anthracene	ND	1.0	ug/L
Benzo[a]pyrene	ND	0.20	ug/L
Benzo[b]fluoranthene	ND	1.0	ug/L
Benzo[g,h,i]perylene	ND	0.50	ug/L
Benzo[k]fluoranthene	ND	1.0	ug/L
Chrysene	ND	1.0	ug/L
Dibenz[a,h]anthracene	ND	0.50	ug/L
Fluoranthene	ND	1.0	ug/L
Fluorene	ND	1.0	ug/L
Indeno[1,2,3-cd]pyrene	ND	0.50	ug/L
Naphthalene	ND	1.0	ug/L
Phenanthrene	ND	1.0	ug/L
Pyrene	ND	1.0	ug/L

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E612529	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	6	Sample Description:	841061208-32
Preservative	HCL		
		Dilution (Target):	1
Date Collected:	12/8/2006		
Date Received:	12/11/2006	Matrix:	Aqueous
Date Extracted:	12/12/06	Percent Moisture:	N/A
Date Analyzed:	12/13/06	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	100	ug/L
C19-C36 Aliphatics	1	ND	100	ug/L
C11-C22 Aromatics*	1	ND	100	ug/L

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	55	40%-140%
2-Bromonaphthalene	100	40%-140%
2-Fluorobiphenyl	95	40%-140%
o-Terphenyl	72	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	1.0	ug/L
Acenaphthene	ND	1.0	ug/L
Acenaphthylene	ND	1.0	ug/L
Anthracene	ND	1.0	ug/L
Benzo[a]anthracene	ND	1.0	ug/L
Benzo[a]pyrene	ND	0.20	ug/L
Benzo[b]fluoranthene	ND	1.0	ug/L
Benzo[g,h,i]perylene	ND	0.50	ug/L
Benzo[k]fluoranthene	ND	1.0	ug/L
Chrysene	ND	1.0	ug/L
Dibenz[a,h]anthracene	ND	0.50	ug/L
Fluoranthene	ND	1.0	ug/L
Fluorene	ND	1.0	ug/L
Indeno[1,2,3-cd]pyrene	ND	0.50	ug/L
Naphthalene	ND	1.0	ug/L
Phenanthrene	ND	1.0	ug/L
Pyrene	ND	1.0	ug/L

E612529 (AB)

FUSS & O'NEILL
Disciplines to Deliver
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
- ☐ 56 Quarry Road, Trumbull, CT 06611
- ☐ 1419 Richland Street, Columbia, SC 29201
- ☐ 78 Interstate Drive, West Springfield, MA 01089
- ☐ 610 Lynndale Court, Suite E, Greenville, NC 27858
- ☐ 24 Madison Avenue Extension, Albany, NY 12203
- ☑ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
- ☐ Other _____

CHAIN-OF-CUSTODY RECORD 10636

Turnaround
☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☑ Standard (____ days) *Surcharge Applies

PROJECT NAME: New-Style Phase II
PROJECT LOCATION: Franklin, MA
PROJECT NUMBER: 20050458.B10
LABORATORY: Premier

REPORT TO: David Foss
INVOICE TO: David Foss
P.O. No.: 841 20050458.B10
Sampler's Signature: [signature] Date: 12/8/06

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Bottom Sediment A=Air
X=Other Trip Blank

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	VOCs by 8260	Barium	PP-13 Metals	VPH by MADEP Method	EPH by MADEP Method	Soil VOA Vial, [ ] methanol [ ] sodium bisulfate	Glass Soil Container ( ) oz	Glass Soil Container ( ) oz	Other:	Other:	Water VOA Vial, [ ] As is [✓] HCl	Glass Amber (4 oz.) ml, [ ] As is [ ] 250 ml [ ] 500 ml 1000 ml	Plastic - As is, [ ] 250 ml [ ] 500 ml [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered	Plastic - NaOH, 250 ml	Bacteria Bottle	Comments
1	✓				841061208-27	MW	12/8/06	1052	✓	✓	✓	✓	✓													
2					-28			1052											4	2		1				
3					-29			1214																		
4					-30			1332																		
5					-31			1515																		
6					-32			1445																		
7					-33	X		1630	✓										2							Trip Blank

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	F&O Office	12/8/06	1720
2	F&O Office	[signature]	12/11/06	0903
3	[signature]	[signature]	12/11/06	905
4	[signature]	P. Cardero 10°C	12/11/06	1320

Reporting and Detection Limit Requirements:
MADEP Data Enhancement Project, MADEP GW-1 standard

Additional Comments:
-see attached QA/QC checklist

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
1. SDG Project Narratives	☒	☐	
2. Traffic Report	☐	☐	N/A
3. Volatiles Data			
a. Sample Data			
Target Compound List (TCL) Results	☒	☐	
Reconstructed total ion chromatograms (RIC) for each Sample	☒	☐	
For each sample:			
Raw spectra and background-subtracted mass spectra of target compounds identified	☒	☐	
Mass spectra of all reported TICs with three best library matches	☐	☒	
Percent solids calculations	☒	☐	
b. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Area Summary	☒	☐	
c. Raw QC Data			
Blank Data	☒	☐	
Matrix Spike Data	☒	☐	For 8260
Matrix Spike Duplicate Data	☒	☐	analysis only
4. Semivolatiles Data			
a. QC Summary			
Surrogate Percent Recovery Summary	☒	☐	
MS/MSD Summary	☐	☒	
Method Blank Summary	☒	☐	
Tuning and Mass Calibration	☐	☒	

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
b. Sample Data			
TCL Results	☒	☐	
Tentatively Identified Compounds	☐	☒	
Reconstructed total ion chromatograms (RIC) for each Sample	☒	☐	
For each sample:			
Raw spectra and background-subtracted mass spectra of TCL compounds	☐	☒	
Mass spectra of TICs with 3 best libraty matches	☐	☒	
GPC chromatograms (if GPC performed)	☐	☐	N/A
c. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Areas Summary	☐	☐	N/A
Internal Standard Areas Summary	☐	☐	N/A
d. Raw QC Data			
Decafluorotripbenylphosphine (DFTPP)	☐	☐	N/A
Blank Data	☒	☐	
Matrix Spike Data	☐	☒	
Matrix Spike Duplicate Data	☐	☒	
5. Miscellaneous Data			
Original preparation and analysis forms or copies of preparation and analysis log book pages	☒	☐	
Internal sample & sample extract transfer chain-of custody records	☐	☒	
Screening Records	☐	☒	
All instrument output, including strip charts from screening activities (describe or list)	☐	☒	

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
6. Chain-of-Custody Records	☒	☐	
Sample Log-in Sheet (Lab & DC1)	☐	☒	
Miscellaneous Shipping/Receiving Records (describe or list)	☐	☐	N/A

7. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list) ☒ ☐
sample transfer log book

8. Other Records (describe or list) ☒ ☐
instrument run log Book

9. Comments:

** See laboratory Quality Assurance Plan for limits.

Completed by: (Lab) (Signature) Michael McCallum (Printed Name/Title) 1/4/07 Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: (Lab) (Signature) Robert Stevenson/Lab Director (Printed Name/Title) 1-15-07 Date

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Inorganic Analysis Data Sheet	☑	☐	
3.	Initial and Continuing Calibration Verification	☑	☐	
4.	CRDL Standard for AA and ICP	☑	☐	
5.	Blanks	☑	☐	
6.	ICP Interference Check Sample	☑	☐	
7.	Spike Sample Recovery	☑	☐	
8.	Post Digest Spike Sample Recovery	☐	☑	NA
9.	Duplicates	☑	☐	
10.	Laboratory Control Sample	☑	☐	
11.	Standard Addition Results	☐	☑	
12.	ICP Serial Dilutions	☑	☐	
13.	Instrument Detection Limits, Quarterly	☑	☐	
14.	ICP Interelement Correction Factors, Annually	☑	☐	
15.	ICP Linear Ranges Quarterly	☑	☐	
16.	Preparation Log	☑	☐	
17.	Analysis Run Log	☑	☐	
18.	ICP Raw Data	☐	☐	
19.	Furnace AA Raw Data	☐	☑	NA
20.	Mercury Raw Data	☑	☐	
21.	Percent Solids Calculations	☐	☑	
22.	Digestion Logs	☑	☐	
23.	EPA Shipping/Receiving Records (List all individual records)	☐	☐	
	Chain-of Custody Records	☑	☐	
	Sample Log-In sheet	☐	☐	
24.	Miscellaneous Shipping/Receiving Records (List all individual records)	☐	☐	

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

		YES	NO	COMMENTS
25.	Internal Lab Sample Transfer Records and Tracking Sheets (Describe or List) logbook			
26.	Internal Original Sample Preparation and analysis Records			
	(Describe or List	☐	☐	
	Preparation Records	☑	☐	logbook
	Analysis Records	☐	☐	
	Description	☐	☐	
27.	Other Records (Describe or List)			
28.	Comments:			

** See laboratory Quality Assurance Plan for limits.

Completed by: B. Supryczynski (Signature) Barbara Szupryczynski / Production Manag. (Printed Name/Title) 1/8/07 Date
(Lab)

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: B. Supryczynski (Signature) Barbara Szupryczynski / Production Manag. (Printed Name/Title) 1/8/07 Date
(Lab)

FUSS & O'NEILL

Modified Tier I
Data Validation Narrative and Certification

Project: 20050458A10, Former Nu-Style Company, Inc. Facility

Premier Laboratory Project Number:	E705284
Date Samples Received at Laboratory:	5/3/2007
Date of Review:	6/12/2007

Six soil samples were collected and submitted to Premier Laboratory, LLC in Dayville, Connecticut. Requested analyses included: volatile organic compounds (VOCs) by EPA Method 8260B, priority pollutant metals plus barium by EPA Methods 6010B and 7471A, and petroleum hydrocarbons by Massachusetts Department of Environmental Protection (MADEP) Methods Extractable Petroleum Hydrocarbons (EPH) and Volatile Petroleum Hydrocarbons (VPH). Aqueous and methanol trip blank was also submitted for analysis of VOCs by EPA Method 8260B.

Samples were analyzed within method-specified holding times and in accordance with the Massachusetts Contingency Plan (MCP) Compendium of Analytical Methods (CAM) data enhancement protocols. See laboratory case narrative for discussion of lab quality control/quality assurance sample analysis.

I certify that the field and laboratory data associated with the above referenced project, to the best of my knowledge with the exceptions noted above, are compliant with the Quality Assurance Project Plan for the Former Nu-Style Company, Inc. Facility located in Franklin, Massachusetts dated September 2006.

Certified by:

Lynne P. Matteson
QA/QC Officer

FORMER NU-STYLE COMPANY, INC. FACILITY
TARGETED BROWNFIELD ASSESSMENT PROGRAM
MODIFIED TIER I COMPLETENESS CHECKLIST

	YES	NO
1. SAMPLING AND FIELD MEASUREMENTS:		
Field measurement calibration records	☑	☐
Groundwater field measurements (if applicable)	☐	☐ N/A
Soil sampling field measurements (if applicable)	☑	☐
Sediment sampling field measurements (if applicable)	☐	☐ N/A
Surface water sampling field measurements (if applicable)	☐	☐ N/A
Low-flow sampling field measurements (if applicable)	☐	☐ N/A
Documentation of field activities	☑	☐
Sample numbering and labeling	☑	☐
Chain-of-Custody records	☑	☐
Trip blanks	☑	☐
Duplicate samples	☐	☐ N/A
Equipment blanks	☐	☐ N/A
Split samples (if any)	☐	☐ N/A
2. LABORATORY MEASUREMENTS:		
Trip blanks	☑	☐
Instrument blanks	☑	☐
Laboratory control samples	☑	☐
Duplicates samples	☐	☐ N/A
Equipment blanks	☐	☐ N/A
Matrix spike/matrix spike duplicates	☐	☐ N/A
Analysis type	☑	☐
Chain-of-Custody records	☑	☐
Surrogate recoveries	☑	☐
Sample Project Narratives	☑	☐
Split samples (if any)	☐	☐ N/A
TOTAL:	13	0

PERCENT COMPLETE: 100 %

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

ANALYTICAL DATA REPORT

Report Number: E705284
Project: 20050458.B10/Nu-Style Phase II

prepared for:

Fuss & O'Neill
275 Promenade Street
Providence, RI 02908

Attn: David Foss

Received Date: 5/3/2007
Report Date: 6/8/2007

Premier Laboratory, LLC
Authorized Signature

Certifications:
CT (PH-0465), MA (M-CT008), ME (CT050), NH (2020), NJ (CT002), NY (11549), RI (RI246)

Premier Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Premier Laboratory, LLC — Project #: E705284

Project Location: Franklin, MA — MADEP RTN[1]:

This Form provides certifications for the following data set:[list Laboratory Sample ID Number(s)]
1, 2, 3, 4, 5, 6, 7, 8

Sample Matrices: ☒ Groundwater ☒ Soil/Sediment ☐ Drinking Water ☐ Other Other ...

MCP SW-846 Methods Used					
	8260B ☒	8151A ☐	8330 ☐	6010B ☒	7470A/1A ☒
	8270C ☐	8081A ☐	VPH ☒	6020 ☐	9014M[2] ☐
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	8082 ☐	8021B ☐	EPH ☒	7000 S[3] ☐	7196A ☐

1 List Release Tracking Number (RTN), if known
2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S - SW-846 Methods 7000 Series List individual method and analyte.

An affirmative response to questions A, B, C, and D is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	☒ Yes ☐ No[1]
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	☒ Yes ☐ No[1]
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 (a),(b),(c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☒ Yes ☐ No[1]
D	***VPH and EPH Methods only:*** Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	☒ Yes ☐ No[1]

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	☒ Yes ☐ No[1]
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☒ Yes ☐ No[1]

[1]*All NO answers must be addressed in an attached Environmental Laboratory case narrative.*

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

Signature: _____ Position: Laboratory Director

Printed Name: Robert Stevenson Date: 6/8/2007

AC30450

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

Report No: E705284
Client: Fuss & O'Neill
Project: 20050458.B10/Nu-Style Phase II

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory received eight samples from Fuss & O'Neill on 05/03/2007. The samples were analyzed from the following list of analyses:

Extractable Petroleum Hydrocarbon (EPH)
MADEP EPH[MADEP EPH]
Volatile Petroleum Hydrocarbon (VPH)
MADEP VPH

Moisture, Percent
Trace Priority Pollutant (13) Metals in Soil
6010B[3000], 7471[7471]
Volatiles by 8260B (MCP) in GW/SW
8260B

Variances:

SDG:

None reported.

Method:

None reported.

QA/QC:

Sample 1C, 841070502-01, Trace Metals by 6010B: Several recoveries for the matrix spike/ matrix spike duplicate were outside of the established control limits due to matrix interference. The associated LCS recoveries were within the established quality control limits.

Sample 4A, 841070502-04, Volatiles by 8260B (MCP Soil): Three internal standards were outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the internal standards were still outside the limits.

Sample 4A, 841070502-04, Volatiles by 8260B (MCP Soil): Two surrogate spikes were outside quality control limits for the sample due to matrix interference.

Sample 4B, 841070502-04, Volatile Petroleum Hydrocarbon (VPH): One surrogate spike was outside quality control limits for the sample due to matrix interference. The sample was re-analyzed and the surrogate was still outside of the limits.

Premier
Laboratory, LLC

61 Louisa Viens Drive
Dayville, CT 06241
FAX: 860-774-2689
860-774-6814 800-932-1150

Report No: E705284
Client: Fuss & O'Neill
Project: 20050458.B10/Nu-Style Phase II

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY (continued)

QA/QC (continued):

Sample 7, 841070502-07, Volatiles by 8260B (MCP Soil): One internal standard was outside quality control limits for the sample. The sample was re-analyzed and the internal standard was still outside the limits. No target compounds were detectedi n the submitted sample.

Sample 8, 841070502-08, Volatiles by 8260B (MCP Soil): One internal standard was outside quality control limits for the sample. The sample was re-analyzed and the internal standard was still outside the limits. No target compounds were detectedi n the submitted sample.

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E705284
Date Received: 5/3/2007

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(1) 841070502-01						
Date Collected: 5/2/2007 Matrix: Solid						
Trace Metals by 6010B						
Antimony	ND	0.16	mg/kg	05/08/07	AMM	
Arsenic	1.0	0.26	mg/kg	05/08/07	AMM	
Barium	30	0.10	mg/kg	05/08/07	AMM	
Beryllium	0.057	0.052	mg/kg	05/08/07	AMM	
Cadmium	0.36	0.10	mg/kg	05/08/07	AMM	
Chromium	3.6	0.10	mg/kg	05/08/07	AMM	
Copper	32	0.10	mg/kg	05/08/07	AMM	
Lead	46	0.10	mg/kg	05/08/07	AMM	
Nickel	190	0.10	mg/kg	05/08/07	AMM	
Selenium	ND	0.26	mg/kg	05/08/07	AMM	
Silver	ND	0.10	mg/kg	05/08/07	AMM	
Thallium	ND	0.26	mg/kg	05/08/07	AMM	
Zinc	94	0.10	mg/kg	05/08/07	AMM	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	05/08/07	AKB	
(2) 841070502-02						
Date Collected: 5/2/2007 Matrix: Solid						
Trace Metals by 6010B						
Antimony	ND	0.16	mg/kg	05/08/07	AMM	
Arsenic	0.69	0.26	mg/kg	05/08/07	AMM	
Barium	13	0.10	mg/kg	05/08/07	AMM	
Beryllium	0.057	0.052	mg/kg	05/08/07	AMM	
Cadmium	0.29	0.10	mg/kg	05/08/07	AMM	
Chromium	1.7	0.10	mg/kg	05/08/07	AMM	
Copper	13	0.10	mg/kg	05/08/07	AMM	
Lead	3.6	0.10	mg/kg	05/08/07	AMM	
Nickel	3.3	0.10	mg/kg	05/08/07	AMM	
Selenium	ND	0.26	mg/kg	05/08/07	AMM	
Silver	ND	0.10	mg/kg	05/08/07	AMM	
Thallium	ND	0.26	mg/kg	05/08/07	AMM	
Zinc	13	0.10	mg/kg	05/08/07	AMM	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	05/08/07	AKB	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E705284
Date Received: 5/3/2007

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(3) 841070502-03						
Date Collected: 5/2/2007 Matrix: Solid						
Trace Metals by 6010B						
Antimony	ND	0.16	mg/kg	05/08/07	AMM	
Arsenic	0.69	0.26	mg/kg	05/08/07	AMM	
Barium	12	0.10	mg/kg	05/08/07	AMM	
Beryllium	ND	0.052	mg/kg	05/08/07	AMM	
Cadmium	ND	0.10	mg/kg	05/08/07	AMM	
Chromium	0.72	0.10	mg/kg	05/08/07	AMM	
Copper	4.3	0.10	mg/kg	05/08/07	AMM	
Lead	1.2	0.10	mg/kg	05/08/07	AMM	
Nickel	5.3	0.10	mg/kg	05/08/07	AMM	
Selenium	ND	0.26	mg/kg	05/08/07	AMM	
Silver	ND	0.10	mg/kg	05/08/07	AMM	
Thallium	ND	0.26	mg/kg	05/08/07	AMM	
Zinc	7.0	0.10	mg/kg	05/08/07	AMM	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	05/08/07	AKB	
(4) 841070502-04						
Date Collected: 5/2/2007 Matrix: Solid						
Trace Metals by 6010B						
Antimony	ND	0.16	mg/kg	05/08/07	AMM	
Arsenic	0.77	0.26	mg/kg	05/08/07	AMM	
Barium	16	0.10	mg/kg	05/08/07	AMM	
Beryllium	0.064	0.052	mg/kg	05/08/07	AMM	
Cadmium	0.39	0.10	mg/kg	05/08/07	AMM	
Chromium	3.2	0.10	mg/kg	05/08/07	AMM	
Copper	60	0.10	mg/kg	05/08/07	AMM	
Lead	45	0.10	mg/kg	05/08/07	AMM	
Nickel	280	0.10	mg/kg	05/08/07	AMM	
Selenium	ND	0.26	mg/kg	05/08/07	AMM	
Silver	ND	0.10	mg/kg	05/08/07	AMM	
Thallium	ND	0.26	mg/kg	05/08/07	AMM	
Zinc	120	0.10	mg/kg	05/08/07	AMM	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	05/08/07	AKB	

INORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC
PL Report No: E705284
Date Received: 5/3/2007

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II

Parameter	Result	DL	Units	Completed	By	Dilution
(5) 841070502-05						
Date Collected: 5/2/2007 Matrix: Solid						
Trace Metals by 6010B						
Antimony	ND	0.16	mg/kg	05/08/07	AMM	
Arsenic	0.65	0.26	mg/kg	05/08/07	AMM	
Barium	10	0.10	mg/kg	05/08/07	AMM	
Beryllium	0.067	0.053	mg/kg	05/08/07	AMM	
Cadmium	0.13	0.10	mg/kg	05/08/07	AMM	
Chromium	1.0	0.10	mg/kg	05/08/07	AMM	
Copper	11	0.10	mg/kg	05/08/07	AMM	
Lead	3.7	0.10	mg/kg	05/08/07	AMM	
Nickel	8.0	0.10	mg/kg	05/08/07	AMM	
Selenium	ND	0.26	mg/kg	05/08/07	AMM	
Silver	ND	0.10	mg/kg	05/08/07	AMM	
Thallium	ND	0.26	mg/kg	05/08/07	AMM	
Zinc	13	0.10	mg/kg	05/08/07	AMM	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	05/08/07	AKB	
(6) 841070502-06						
Date Collected: 5/2/2007 Matrix: Solid						
Trace Metals by 6010B						
Antimony	ND	0.16	mg/kg	05/08/07	AMM	
Arsenic	1.3	0.26	mg/kg	05/08/07	AMM	
Barium	30	0.10	mg/kg	05/08/07	AMM	
Beryllium	ND	0.052	mg/kg	05/08/07	AMM	
Cadmium	0.26	0.10	mg/kg	05/08/07	AMM	
Chromium	1.2	0.10	mg/kg	05/08/07	AMM	
Copper	18	0.10	mg/kg	05/08/07	AMM	
Lead	30	0.10	mg/kg	05/08/07	AMM	
Nickel	30	0.10	mg/kg	05/08/07	AMM	
Selenium	ND	0.26	mg/kg	05/08/07	AMM	
Silver	ND	0.10	mg/kg	05/08/07	AMM	
Thallium	ND	0.26	mg/kg	05/08/07	AMM	
Zinc	26	0.10	mg/kg	05/08/07	AMM	
Mercury by SW-846 7471 in SW	ND	0.021	mg/kg	05/08/07	AKB	

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	1	Sample Description:	841070502-01
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Analyzed:	05/04/07	Percent Moisture:	4.6
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	5800	ug/kg
C9-C12 Aliphatics**	50	ND	5800	ug/kg
C9-C10 Aromatics***	50	ND	5800	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	117	70%-130%
2,5-dibromotoluene #2	121	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	290	ug/kg
Ethylbenzene	ND	290	ug/kg
Methyl tert-butyl ether (MTBE)	ND	58	ug/kg
Naphthalene	ND	290	ug/kg
Toluene	ND	290	ug/kg
m,p-Xylenes	ND	290	ug/kg
o-Xylene	ND	290	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 1

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-01

Matrix: Solid
Percent Moisture: 4.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30009.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	8.8	5.6
71-43-2	Benzene	ND	5.6
75-27-4	Bromodichloromethane	ND	5.6
75-25-2	Bromoform	ND	5.6
74-83-9	Bromomethane	ND	2.2
78-93-3	2-Butanone (MEK)	ND	5.6
104-51-8	n-Butylbenzene	ND	5.6
135-98-8	sec-Butylbenzene	ND	5.6
98-06-6	tert-Butylbenzene	ND	5.6
56-23-5	Carbon tetrachloride	ND	5.6
108-90-7	Chlorobenzene	ND	5.6
124-48-1	Chlorodibromomethane	ND	5.6
67-66-3	Chloroform	ND	5.6
108-20-3	Di-isopropyl ether (DIPE)	ND	5.6
106-93-4	1,2-Dibromoethane (EDB)	ND	0.56
95-50-1	1,2-Dichlorobenzene	ND	5.6
541-73-1	1,3-Dichlorobenzene	ND	5.6
106-46-7	1,4-Dichlorobenzene	ND	5.6
75-34-3	1,1-Dichloroethane	ND	5.6
107-06-2	1,2-Dichloroethane	ND	5.6
75-35-4	1,1-Dichloroethene	ND	1.1
156-59-2	cis-1,2-Dichloroethene	ND	5.6
156-60-5	trans-1,2-Dichloroethene	ND	5.6
78-87-5	1,2-Dichloropropane	ND	5.6
10061-01-5	cis-1,3-Dichloropropene	ND	0.56
10061-02-6	trans-1,3-Dichloropropene	ND	0.56
123-91-1	1,4-Dioxane	ND	22
	Ethyl tertiary-butyl ether (EtBE)	ND	5.6
100-41-4	Ethylbenzene	ND	5.6
87-68-3	Hexachlorobutadiene	ND	0.67
98-82-8	Isopropylbenzene	ND	5.6
99-87-6	4-Isopropyltoluene	ND	5.6
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.6
75-09-2	Methylene chloride	ND	5.6
91-20-3	Naphthalene	ND	5.6
103-65-1	n-Propylbenzene	ND	5.6
100-42-5	Styrene	ND	5.6
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.6
75-65-0	Tertiary-butyl alcohol (TBA)	ND	11
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.6

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 1 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-01

Matrix: Solid
Percent Moisture: 4.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30009.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2
127-18-4	Tetrachloroethene (PCE)	46	5.6
108-88-3	Toluene	ND	5.6
120-82-1	1,2,4-Trichlorobenzene	ND	5.6
71-55-6	1,1,1-Trichloroethane	ND	5.6
79-00-5	1,1,2-Trichloroethane	ND	5.6
79-01-6	Trichloroethene (TCE)	6.9	5.6
95-63-6	1,2,4-Trimethylbenzene	ND	5.6
108-67-8	1,3,5-Trimethylbenzene	ND	5.6
75-01-4	Vinyl chloride	ND	2.2
95-47-6	o-Xylene	ND	5.6
	m,p-Xylenes	ND	5.6

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	100%	85%-116%
Bromofluorobenzene	89%	63%-113%
Toluene-d8	107%	78%-128%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	2	Sample Description:	841070502-02
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Analyzed:	05/04/07	Percent Moisture:	4.8
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	5900	ug/kg
C9-C12 Aliphatics**	50	ND	5900	ug/kg
C9-C10 Aromatics***	50	ND	5900	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	114	70%-130%
2,5-dibromotoluene #2	124	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	300	ug/kg
Ethylbenzene	ND	300	ug/kg
Methyl tert-butyl ether (MTBE)	ND	59	ug/kg
Naphthalene	ND	300	ug/kg
Toluene	ND	300	ug/kg
m,p-Xylenes	ND	300	ug/kg
o-Xylene	ND	300	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 2

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-02

Matrix: Solid
Percent Moisture: 4.8
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30010.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	6.0	4.8
71-43-2	Benzene	ND	4.8
75-27-4	Bromodichloromethane	ND	4.8
75-25-2	Bromoform	ND	4.8
74-83-9	Bromomethane	ND	1.9
78-93-3	2-Butanone (MEK)	ND	4.8
104-51-8	n-Butylbenzene	ND	4.8
135-98-8	sec-Butylbenzene	ND	4.8
98-06-6	tert-Butylbenzene	ND	4.8
56-23-5	Carbon tetrachloride	ND	4.8
108-90-7	Chlorobenzene	ND	4.8
124-48-1	Chlorodibromomethane	ND	4.8
67-66-3	Chloroform	ND	4.8
108-20-3	Di-isopropyl ether (DIPE)	ND	4.8
106-93-4	1,2-Dibromoethane (EDB)	ND	0.48
95-50-1	1,2-Dichlorobenzene	ND	4.8
541-73-1	1,3-Dichlorobenzene	ND	4.8
106-46-7	1,4-Dichlorobenzene	ND	4.8
75-34-3	1,1-Dichloroethane	ND	4.8
107-06-2	1,2-Dichloroethane	ND	4.8
75-35-4	1,1-Dichloroethene	ND	0.96
156-59-2	cis-1,2-Dichloroethene	ND	4.8
156-60-5	trans-1,2-Dichloroethene	ND	4.8
78-87-5	1,2-Dichloropropane	ND	4.8
10061-01-5	cis-1,3-Dichloropropene	ND	0.48
10061-02-6	trans-1,3-Dichloropropene	ND	0.48
123-91-1	1,4-Dioxane	ND	19
	Ethyl tertiary-butyl ether (EtBE)	ND	4.8
100-41-4	Ethylbenzene	ND	4.8
87-68-3	Hexachlorobutadiene	ND	0.58
98-82-8	Isopropylbenzene	ND	4.8
99-87-6	4-Isopropyltoluene	ND	4.8
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	4.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.8
75-09-2	Methylene chloride	ND	4.8
91-20-3	Naphthalene	ND	4.8
103-65-1	n-Propylbenzene	ND	4.8
100-42-5	Styrene	ND	4.8
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	4.8
75-65-0	Tertiary-butyl alcohol (TBA)	ND	9.6
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.8

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 2 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-02

Matrix: Solid
Percent Moisture: 4.8
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30010.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9
127-18-4	Tetrachloroethene (PCE)	6.5	4.8
108-88-3	Toluene	ND	4.8
120-82-1	1,2,4-Trichlorobenzene	ND	4.8
71-55-6	1,1,1-Trichloroethane	ND	4.8
79-00-5	1,1,2-Trichloroethane	ND	4.8
79-01-6	Trichloroethene (TCE)	ND	4.8
95-63-6	1,2,4-Trimethylbenzene	ND	4.8
108-67-8	1,3,5-Trimethylbenzene	ND	4.8
75-01-4	Vinyl chloride	ND	1.9
95-47-6	o-Xylene	ND	4.8
	m,p-Xylenes	ND	4.8

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	100%	85%-116%
Bromofluorobenzene	90%	63%-113%
Toluene-d8	101%	78%-128%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	3	Sample Description:	841070502-03
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Analyzed:	05/04/07	Percent Moisture:	3.7
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	5700	ug/kg
C9-C12 Aliphatics**	50	ND	5700	ug/kg
C9-C10 Aromatics***	50	ND	5700	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	112	70%-130%
2,5-dibromotoluene #2	120	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	280	ug/kg
Ethylbenzene	ND	280	ug/kg
Methyl tert-butyl ether (MTBE)	ND	57	ug/kg
Naphthalene	ND	280	ug/kg
Toluene	ND	280	ug/kg
m,p-Xylenes	ND	280	ug/kg
o-Xylene	ND	280	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 3

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-03

Matrix: Solid
Percent Moisture: 3.7
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30015.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	7.2	6.0
71-43-2	Benzene	ND	6.0
75-27-4	Bromodichloromethane	ND	6.0
75-25-2	Bromoform	ND	6.0
74-83-9	Bromomethane	ND	2.4
78-93-3	2-Butanone (MEK)	ND	6.0
104-51-8	n-Butylbenzene	ND	6.0
135-98-8	sec-Butylbenzene	ND	6.0
98-06-6	tert-Butylbenzene	ND	6.0
56-23-5	Carbon tetrachloride	ND	6.0
108-90-7	Chlorobenzene	ND	6.0
124-48-1	Chlorodibromomethane	ND	6.0
67-66-3	Chloroform	ND	6.0
108-20-3	Di-isopropyl ether (DIPE)	ND	6.0
106-93-4	1,2-Dibromoethane (EDB)	ND	0.60
95-50-1	1,2-Dichlorobenzene	ND	6.0
541-73-1	1,3-Dichlorobenzene	ND	6.0
106-46-7	1,4-Dichlorobenzene	ND	6.0
75-34-3	1,1-Dichloroethane	ND	6.0
107-06-2	1,2-Dichloroethane	ND	6.0
75-35-4	1,1-Dichloroethene	ND	1.2
156-59-2	cis-1,2-Dichloroethene	ND	6.0
156-60-5	trans-1,2-Dichloroethene	ND	6.0
78-87-5	1,2-Dichloropropane	ND	6.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.60
10061-02-6	trans-1,3-Dichloropropene	ND	0.60
123-91-1	1,4-Dioxane	ND	24
	Ethyl tertiary-butyl ether (EtBE)	ND	6.0
100-41-4	Ethylbenzene	ND	6.0
87-68-3	Hexachlorobutadiene	ND	0.73
98-82-8	Isopropylbenzene	ND	6.0
99-87-6	4-Isopropyltoluene	ND	6.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	6.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.0
75-09-2	Methylene chloride	ND	6.0
91-20-3	Naphthalene	ND	6.0
103-65-1	n-Propylbenzene	ND	6.0
100-42-5	Styrene	ND	6.0
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	6.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	12
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.0

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 3 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-03

Matrix: Solid
Percent Moisture: 3.7
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30015.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.4
127-18-4	Tetrachloroethene (PCE)	ND	6.0
108-88-3	Toluene	ND	6.0
120-82-1	1,2,4-Trichlorobenzene	ND	6.0
71-55-6	1,1,1-Trichloroethane	ND	6.0
79-00-5	1,1,2-Trichloroethane	ND	6.0
79-01-6	Trichloroethene (TCE)	ND	6.0
95-63-6	1,2,4-Trimethylbenzene	ND	6.0
108-67-8	1,3,5-Trimethylbenzene	ND	6.0
75-01-4	Vinyl chloride	ND	2.4
95-47-6	o-Xylene	ND	6.0
	m,p-Xylenes	ND	6.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	98%	85%-116%
Bromofluorobenzene	94%	63%-113%
Toluene-d8	91%	78%-128%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	4	Sample Description:	841070502-04
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Analyzed:	05/04/07	Percent Moisture:	4.8
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	5900	ug/kg
C9-C12 Aliphatics**	50	ND	5900	ug/kg
C9-C10 Aromatics***	50	ND	5900	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	183	70%-130%
2,5-dibromotoluene #2	88	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	300	ug/kg
Ethylbenzene	ND	300	ug/kg
Methyl tert-butyl ether (MTBE)	ND	59	ug/kg
Naphthalene	ND	300	ug/kg
Toluene	ND	300	ug/kg
m,p-Xylenes	ND	300	ug/kg
o-Xylene	ND	300	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 4

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/08/07 By: GP
Method: 8260B
QC Batch#: 53808
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-04

Matrix: Solid
Percent Moisture: 4.8
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30027.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	5.0
71-43-2	Benzene	ND	5.0
75-27-4	Bromodichloromethane	ND	5.0
75-25-2	Bromoform	ND	5.0
74-83-9	Bromomethane	ND	2.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	5.0
135-98-8	sec-Butylbenzene	ND	5.0
98-06-6	tert-Butylbenzene	ND	5.0
56-23-5	Carbon tetrachloride	ND	5.0
108-90-7	Chlorobenzene	ND	5.0
124-48-1	Chlorodibromomethane	ND	5.0
67-66-3	Chloroform	ND	5.0
108-20-3	Di-isopropyl ether (DIPE)	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.0
106-46-7	1,4-Dichlorobenzene	ND	5.0
75-34-3	1,1-Dichloroethane	ND	5.0
107-06-2	1,2-Dichloroethane	ND	5.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	5.0
156-60-5	trans-1,2-Dichloroethene	ND	5.0
78-87-5	1,2-Dichloropropane	ND	5.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
123-91-1	1,4-Dioxane	ND	20
	Ethyl tertiary-butyl ether (EtBE)	ND	5.0
100-41-4	Ethylbenzene	ND	5.0
87-68-3	Hexachlorobutadiene	ND	0.60
98-82-8	Isopropylbenzene	ND	5.0
99-87-6	4-Isopropyltoluene	ND	5.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	5.0
103-65-1	n-Propylbenzene	ND	5.0
100-42-5	Styrene	ND	5.0
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	10
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 4 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/08/07 By: GP
Method: 8260B
QC Batch#: 53808
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-04

Matrix: Solid
Percent Moisture: 4.8
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30027.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0
127-18-4	Tetrachloroethene (PCE)	12	5.0
108-88-3	Toluene	ND	5.0
120-82-1	1,2,4-Trichlorobenzene	ND	5.0
71-55-6	1,1,1-Trichloroethane	12	5.0
79-00-5	1,1,2-Trichloroethane	ND	5.0
79-01-6	Trichloroethene (TCE)	11	5.0
95-63-6	1,2,4-Trimethylbenzene	ND	5.0
108-67-8	1,3,5-Trimethylbenzene	ND	5.0
75-01-4	Vinyl chloride	ND	2.0
95-47-6	o-Xylene	ND	5.0
	m,p-Xylenes	ND	5.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	78%	85%-116%
Bromofluorobenzene	29%	63%-113%
Toluene-d8	109%	78%-128%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	5	Sample Description:	841070502-05
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Analyzed:	05/04/07	Percent Moisture:	5.6
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	6000	ug/kg
C9-C12 Aliphatics**	50	ND	6000	ug/kg
C9-C10 Aromatics***	50	ND	6000	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	117	70%-130%
2,5-dibromotoluene #2	110	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	300	ug/kg
Ethylbenzene	ND	300	ug/kg
Methyl tert-butyl ether (MTBE)	ND	60	ug/kg
Naphthalene	ND	300	ug/kg
Toluene	ND	300	ug/kg
m,p-Xylenes	ND	300	ug/kg
o-Xylene	ND	300	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 5

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-05

Matrix: Solid
Percent Moisture: 5.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30013.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	9.3	5.2
71-43-2	Benzene	ND	5.2
75-27-4	Bromodichloromethane	ND	5.2
75-25-2	Bromoform	ND	5.2
74-83-9	Bromomethane	ND	2.1
78-93-3	2-Butanone (MEK)	ND	5.2
104-51-8	n-Butylbenzene	ND	5.2
135-98-8	sec-Butylbenzene	ND	5.2
98-06-6	tert-Butylbenzene	ND	5.2
56-23-5	Carbon tetrachloride	ND	5.2
108-90-7	Chlorobenzene	ND	5.2
124-48-1	Chlorodibromomethane	ND	5.2
67-66-3	Chloroform	ND	5.2
108-20-3	Di-isopropyl ether (DIPE)	ND	5.2
106-93-4	1,2-Dibromoethane (EDB)	ND	0.52
95-50-1	1,2-Dichlorobenzene	ND	5.2
541-73-1	1,3-Dichlorobenzene	ND	5.2
106-46-7	1,4-Dichlorobenzene	ND	5.2
75-34-3	1,1-Dichloroethane	ND	5.2
107-06-2	1,2-Dichloroethane	ND	5.2
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	5.2
156-60-5	trans-1,2-Dichloroethene	ND	5.2
78-87-5	1,2-Dichloropropane	ND	5.2
10061-01-5	cis-1,3-Dichloropropene	ND	0.52
10061-02-6	trans-1,3-Dichloropropene	ND	0.52
123-91-1	1,4-Dioxane	ND	21
	Ethyl tertiary-butyl ether (EtBE)	ND	5.2
100-41-4	Ethylbenzene	ND	5.2
87-68-3	Hexachlorobutadiene	ND	0.62
98-82-8	Isopropylbenzene	ND	5.2
99-87-6	4-Isopropyltoluene	ND	5.2
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.2
75-09-2	Methylene chloride	ND	5.2
91-20-3	Naphthalene	ND	5.2
103-65-1	n-Propylbenzene	ND	5.2
100-42-5	Styrene	ND	5.2
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.2
75-65-0	Tertiary-butyl alcohol (TBA)	ND	10
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.2

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 5 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-05

Matrix: Solid
Percent Moisture: 5.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30013.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1
127-18-4	Tetrachloroethene (PCE)	ND	5.2
108-88-3	Toluene	ND	5.2
120-82-1	1,2,4-Trichlorobenzene	ND	5.2
71-55-6	1,1,1-Trichloroethane	ND	5.2
79-00-5	1,1,2-Trichloroethane	ND	5.2
79-01-6	Trichloroethene (TCE)	ND	5.2
95-63-6	1,2,4-Trimethylbenzene	ND	5.2
108-67-8	1,3,5-Trimethylbenzene	ND	5.2
75-01-4	Vinyl chloride	ND	2.1
95-47-6	o-Xylene	ND	5.2
	m,p-Xylenes	ND	5.2

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	98%	85%-116%
Bromofluorobenzene	94%	63%-113%
Toluene-d8	98%	78%-128%

VOLATILE PETROLEUM HYDROCARBON (VPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	6	Sample Description:	841070502-06
Preservative	METHANOL		
		Dilution (Target):	50
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Analyzed:	05/04/07	Percent Moisture:	3.6
		Method:	MADEP VPH
		Ext Method:	5030B

(VPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C5-C8 Aliphatics*	50	ND	5600	ug/kg
C9-C12 Aliphatics**	50	ND	5600	ug/kg
C9-C10 Aromatics***	50	ND	5600	ug/kg

* Excludes MTBE, Benzene, and Toluene
** Excludes Ethylbenzene, Xylenes
*** Excludes Naphthalene

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
2,5-dibromotoluene	115	70%-130%
2,5-dibromotoluene #2	112	70%-130%

TARGETED VPH ANALYTES

Analyte	Results	QL	Units
Benzene	ND	280	ug/kg
Ethylbenzene	ND	280	ug/kg
Methyl tert-butyl ether (MTBE)	ND	56	ug/kg
Naphthalene	ND	280	ug/kg
Toluene	ND	280	ug/kg
m,p-Xylenes	ND	280	ug/kg
o-Xylene	ND	280	ug/kg

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 6

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-06

Matrix: Solid
Percent Moisture: 3.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30014.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	7.9	4.8
71-43-2	Benzene	ND	4.8
75-27-4	Bromodichloromethane	ND	4.8
75-25-2	Bromoform	ND	4.8
74-83-9	Bromomethane	ND	1.9
78-93-3	2-Butanone (MEK)	ND	4.8
104-51-8	n-Butylbenzene	ND	4.8
135-98-8	sec-Butylbenzene	ND	4.8
98-06-6	tert-Butylbenzene	ND	4.8
56-23-5	Carbon tetrachloride	ND	4.8
108-90-7	Chlorobenzene	ND	4.8
124-48-1	Chlorodibromomethane	ND	4.8
67-66-3	Chloroform	ND	4.8
108-20-3	Di-isopropyl ether (DIPE)	ND	4.8
106-93-4	1,2-Dibromoethane (EDB)	ND	0.48
95-50-1	1,2-Dichlorobenzene	ND	4.8
541-73-1	1,3-Dichlorobenzene	ND	4.8
106-46-7	1,4-Dichlorobenzene	ND	4.8
75-34-3	1,1-Dichloroethane	ND	4.8
107-06-2	1,2-Dichloroethane	ND	4.8
75-35-4	1,1-Dichloroethene	ND	0.96
156-59-2	cis-1,2-Dichloroethene	ND	4.8
156-60-5	trans-1,2-Dichloroethene	ND	4.8
78-87-5	1,2-Dichloropropane	ND	4.8
10061-01-5	cis-1,3-Dichloropropene	ND	0.48
10061-02-6	trans-1,3-Dichloropropene	ND	0.48
123-91-1	1,4-Dioxane	ND	19
	Ethyl tertiary-butyl ether (EtBE)	ND	4.8
100-41-4	Ethylbenzene	ND	4.8
87-68-3	Hexachlorobutadiene	ND	0.58
98-82-8	Isopropylbenzene	ND	4.8
99-87-6	4-Isopropyltoluene	ND	4.8
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	4.8
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.8
75-09-2	Methylene chloride	ND	4.8
91-20-3	Naphthalene	ND	4.8
103-65-1	n-Propylbenzene	ND	4.8
100-42-5	Styrene	ND	4.8
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	4.8
75-65-0	Tertiary-butyl alcohol (TBA)	ND	9.6
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.8

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 6 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/07/07 By: GP
Method: 8260B
QC Batch#: 53740
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-06

Matrix: Solid
Percent Moisture: 3.6
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30014.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9
127-18-4	Tetrachloroethene (PCE)	ND	4.8
108-88-3	Toluene	ND	4.8
120-82-1	1,2,4-Trichlorobenzene	ND	4.8
71-55-6	1,1,1-Trichloroethane	ND	4.8
79-00-5	1,1,2-Trichloroethane	ND	4.8
79-01-6	Trichloroethene (TCE)	ND	4.8
95-63-6	1,2,4-Trimethylbenzene	ND	4.8
108-67-8	1,3,5-Trimethylbenzene	ND	4.8
75-01-4	Vinyl chloride	ND	1.9
95-47-6	o-Xylene	ND	4.8
	m,p-Xylenes	ND	4.8

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	97%	85%-116%
Bromofluorobenzene	97%	63%-113%
Toluene-d8	97%	78%-128%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 7

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/11/07 By: GP
Method: 8260B
QC Batch#: 53895
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-07

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30109.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	5.0
71-43-2	Benzene	ND	5.0
75-27-4	Bromodichloromethane	ND	5.0
75-25-2	Bromoform	ND	5.0
74-83-9	Bromomethane	ND	2.0
78-93-3	2-Butanone (MEK)	ND	5.0
104-51-8	n-Butylbenzene	ND	5.0
135-98-8	sec-Butylbenzene	ND	5.0
98-06-6	tert-Butylbenzene	ND	5.0
56-23-5	Carbon tetrachloride	ND	5.0
108-90-7	Chlorobenzene	ND	5.0
124-48-1	Chlorodibromomethane	ND	5.0
67-66-3	Chloroform	ND	5.0
108-20-3	Di-isopropyl ether (DIPE)	ND	5.0
106-93-4	1,2-Dibromoethane (EDB)	ND	0.50
95-50-1	1,2-Dichlorobenzene	ND	5.0
541-73-1	1,3-Dichlorobenzene	ND	5.0
106-46-7	1,4-Dichlorobenzene	ND	5.0
75-34-3	1,1-Dichloroethane	ND	5.0
107-06-2	1,2-Dichloroethane	ND	5.0
75-35-4	1,1-Dichloroethene	ND	1.0
156-59-2	cis-1,2-Dichloroethene	ND	5.0
156-60-5	trans-1,2-Dichloroethene	ND	5.0
78-87-5	1,2-Dichloropropane	ND	5.0
10061-01-5	cis-1,3-Dichloropropene	ND	0.50
10061-02-6	trans-1,3-Dichloropropene	ND	0.50
123-91-1	1,4-Dioxane	ND	20
	Ethyl tertiary-butyl ether (EtBE)	ND	5.0
100-41-4	Ethylbenzene	ND	5.0
87-68-3	Hexachlorobutadiene	ND	0.60
98-82-8	Isopropylbenzene	ND	5.0
99-87-6	4-Isopropyltoluene	ND	5.0
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0
75-09-2	Methylene chloride	ND	5.0
91-20-3	Naphthalene	ND	5.0
103-65-1	n-Propylbenzene	ND	5.0
100-42-5	Styrene	ND	5.0
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	5.0
75-65-0	Tertiary-butyl alcohol (TBA)	ND	10
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 7 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/11/07 By: GP
Method: 8260B
QC Batch#: 53895
Units: ug/L

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-07

Matrix: Aqueous
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 1
Soil Extract Volume:
Lab Data File: J30109.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0
127-18-4	Tetrachloroethene (PCE)	ND	5.0
108-88-3	Toluene	ND	5.0
120-82-1	1,2,4-Trichlorobenzene	ND	5.0
71-55-6	1,1,1-Trichloroethane	ND	5.0
79-00-5	1,1,2-Trichloroethane	ND	5.0
79-01-6	Trichloroethene (TCE)	ND	5.0
95-63-6	1,2,4-Trimethylbenzene	ND	5.0
108-67-8	1,3,5-Trimethylbenzene	ND	5.0
75-01-4	Vinyl chloride	ND	2.0
95-47-6	o-Xylene	ND	5.0
	m,p-Xylenes	ND	5.0

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	100%	89%-113%
Bromofluorobenzene	87%	83%-107%
Toluene-d8	88%	88%-108%

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 8

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/11/07 By: GP
Method: 8260B
QC Batch#: 53895
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-08

Matrix: Other
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: J30110.D

CAS No.	Parameter	Result	DL
67-64-1	Acetone	ND	250
71-43-2	Benzene	ND	250
75-27-4	Bromodichloromethane	ND	250
75-25-2	Bromoform	ND	250
74-83-9	Bromomethane	ND	100
78-93-3	2-Butanone (MEK)	ND	250
104-51-8	n-Butylbenzene	ND	250
135-98-8	sec-Butylbenzene	ND	250
98-06-6	tert-Butylbenzene	ND	250
56-23-5	Carbon tetrachloride	ND	250
108-90-7	Chlorobenzene	ND	250
124-48-1	Chlorodibromomethane	ND	250
67-66-3	Chloroform	ND	250
108-20-3	Di-isopropyl ether (DIPE)	ND	250
106-93-4	1,2-Dibromoethane (EDB)	ND	25
95-50-1	1,2-Dichlorobenzene	ND	250
541-73-1	1,3-Dichlorobenzene	ND	250
106-46-7	1,4-Dichlorobenzene	ND	250
75-34-3	1,1-Dichloroethane	ND	250
107-06-2	1,2-Dichloroethane	ND	250
75-35-4	1,1-Dichloroethene	ND	50
156-59-2	cis-1,2-Dichloroethene	ND	250
156-60-5	trans-1,2-Dichloroethene	ND	250
78-87-5	1,2-Dichloropropane	ND	250
10061-01-5	cis-1,3-Dichloropropene	ND	25
10061-02-6	trans-1,3-Dichloropropene	ND	25
123-91-1	1,4-Dioxane	ND	1000
	Ethyl tertiary-butyl ether (EtBE)	ND	250
100-41-4	Ethylbenzene	ND	250
87-68-3	Hexachlorobutadiene	ND	30
98-82-8	Isopropylbenzene	ND	250
99-87-6	4-Isopropyltoluene	ND	250
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	250
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	250
75-09-2	Methylene chloride	ND	250
91-20-3	Naphthalene	ND	250
103-65-1	n-Propylbenzene	ND	250
100-42-5	Styrene	ND	250
994-05-8	Tertiary-amyl methyl ether (TAME)	ND	250
75-65-0	Tertiary-butyl alcohol (TBA)	ND	500
630-20-6	1,1,1,2-Tetrachloroethane	ND	250

VOLATILE ORGANIC ANALYSIS DATA SHEET

Laboratory: Premier Laboratory, LLC

PL Report No: E705284
PL Sample No: 8 (continued)

Date Collected: 5/2/2007
Date Received: 5/3/2007
Date Extracted: By:
Date Analyzed: 05/11/07 By: GP
Method: 8260B
QC Batch#: 53895
Units: ug/kg

Customer: Fuss & O'Neill
Location: Franklin, MA
Project: 20050458.B10/Nu-Style Phase II
Sample Description: 841070502-08

Matrix: Other
Percent Moisture: N/A
Sample Weight/Volume:
Dilution Factor: 50
Soil Extract Volume:
Lab Data File: J30110.D

CAS No.	Parameter	Result	DL
79-34-5	1,1,2,2-Tetrachloroethane	ND	100
127-18-4	Tetrachloroethene (PCE)	ND	250
108-88-3	Toluene	ND	250
120-82-1	1,2,4-Trichlorobenzene	ND	250
71-55-6	1,1,1-Trichloroethane	ND	250
79-00-5	1,1,2-Trichloroethane	ND	250
79-01-6	Trichloroethene (TCE)	ND	250
95-63-6	1,2,4-Trimethylbenzene	ND	250
108-67-8	1,3,5-Trimethylbenzene	ND	250
75-01-4	Vinyl chloride	ND	100
95-47-6	o-Xylene	ND	250
	m,p-Xylenes	ND	250

Surrogate	Recovery	Limits
1,2-Dichloroethane-d4	94%	89%-113%
Bromofluorobenzene	76%	83%-107%
Toluene-d8	91%	88%-108%

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	1	Sample Description:	841070502-01
Preservative	None		
		Dilution (Target):	1
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Extracted:	05/07/07	Percent Moisture:	4.6
Date Analyzed:	05/09/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	19000	10000	ug/kg
C19-C36 Aliphatics	1	61000	10000	ug/kg
C11-C22 Aromatics*	1	54000	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	49	40%-140%
2-Bromonaphthalene	57	40%-140%
2-Fluorobiphenyl	67	40%-140%
o-Terphenyl	56	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	380	100	ug/kg
Anthracene	320	100	ug/kg
Benzo[a]anthracene	640	100	ug/kg
Benzo[a]pyrene	1100	100	ug/kg
Benzo[b]fluoranthene	520	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	ND	100	ug/kg
Chrysene	ND	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	2000	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	260	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	860	100	ug/kg
Pyrene	1300	100	ug/kg

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	2	Sample Description:	841070502-02
Preservative	None		
		Dilution (Target):	1
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Extracted:	05/03/07	Percent Moisture:	4.8
Date Analyzed:	05/05/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	ND	10000	ug/kg
C11-C22 Aromatics*	1	ND	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	42	40%-140%
2-Bromonaphthalene	90	40%-140%
2-Fluorobiphenyl	91	40%-140%
o-Terphenyl	41	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	ND	100	ug/kg
Anthracene	ND	100	ug/kg
Benzo[a]anthracene	ND	100	ug/kg
Benzo[a]pyrene	ND	100	ug/kg
Benzo[b]fluoranthene	ND	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	ND	100	ug/kg
Chrysene	ND	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	ND	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	ND	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	ND	100	ug/kg
Pyrene	ND	100	ug/kg

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	3	Sample Description:	841070502-03
Preservative	None		
		Dilution (Target):	1
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Extracted:	05/07/07	Percent Moisture:	3.7
Date Analyzed:	05/08/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	ND	10000	ug/kg
C11-C22 Aromatics*	1	ND	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	60	40%-140%
2-Bromonaphthalene	88	40%-140%
2-Fluorobiphenyl	88	40%-140%
o-Terphenyl	57	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	ND	100	ug/kg
Anthracene	ND	100	ug/kg
Benzo[a]anthracene	ND	100	ug/kg
Benzo[a]pyrene	ND	100	ug/kg
Benzo[b]fluoranthene	ND	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	ND	100	ug/kg
Chrysene	ND	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	ND	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	ND	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	ND	100	ug/kg
Pyrene	ND	100	ug/kg

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	4	Sample Description:	841070502-04
Preservative	None		
		Dilution (Target):	1
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Extracted:	05/08/07	Percent Moisture:	4.8
Date Analyzed:	05/09/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	66000	9700	ug/kg
C19-C36 Aliphatics	1	140000	9700	ug/kg
C11-C22 Aromatics*	1	59000	9700	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	47	40%-140%
2-Bromonaphthalene	67	40%-140%
2-Fluorobiphenyl	69	40%-140%
o-Terphenyl	47	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	97	ug/kg
Acenaphthene	ND	97	ug/kg
Acenaphthylene	160	97	ug/kg
Anthracene	170	97	ug/kg
Benzo[a]anthracene	410	97	ug/kg
Benzo[a]pyrene	360	97	ug/kg
Benzo[b]fluoranthene	180	97	ug/kg
Benzo[g,h,i]perylene	ND	97	ug/kg
Benzo[k]fluoranthene	270	97	ug/kg
Chrysene	ND	97	ug/kg
Dibenz[a,h]anthracene	ND	97	ug/kg
Fluoranthene	1100	97	ug/kg
Fluorene	120	97	ug/kg
Indeno[1,2,3-cd]pyrene	ND	97	ug/kg
Naphthalene	ND	97	ug/kg
Phenanthrene	610	97	ug/kg
Pyrene	570	97	ug/kg

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	5	Sample Description:	841070502-05
Preservative	None		
		Dilution (Target):	1
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Extracted:	05/07/07	Percent Moisture:	5.6
Date Analyzed:	05/08/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	ND	10000	ug/kg
C11-C22 Aromatics*	1	ND	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	53	40%-140%
2-Bromonaphthalene	91	40%-140%
2-Fluorobiphenyl	91	40%-140%
o-Terphenyl	50	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	ND	100	ug/kg
Anthracene	ND	100	ug/kg
Benzo[a]anthracene	ND	100	ug/kg
Benzo[a]pyrene	ND	100	ug/kg
Benzo[b]fluoranthene	ND	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	ND	100	ug/kg
Chrysene	ND	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	ND	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	ND	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	ND	100	ug/kg
Pyrene	ND	100	ug/kg

EXTRACTABLE PETROLEUM HYDROCARBON (EPH)

Laboratory:	Premier Laboratory, LLC	Client:	Fuss & O'Neill
		Location:	Franklin, MA
PL Report No:	E705284	Project:	20050458.B10/Nu-Style Phase II
PL Sample No:	6	Sample Description:	841070502-06
Preservative	None		
		Dilution (Target):	1
Date Collected:	5/2/2007		
Date Received:	5/3/2007	Matrix:	Solid
Date Extracted:	05/07/07	Percent Moisture:	3.6
Date Analyzed:	05/08/07	Method:	MADEP EPH
		Ext Method:	3545

(EPH) RANGE RESULTS

Parameter	Parameter Dilution	Results	QL	Units
C9-C18 Aliphatics	1	ND	10000	ug/kg
C19-C36 Aliphatics	1	ND	10000	ug/kg
C11-C22 Aromatics*	1	ND	10000	ug/kg

* Excludes Targeted PAH Analytes

SURROGATE RECOVERIES

Surrogate	%Recovery	Acceptance Range
1-Chlorooctadecane	67	40%-140%
2-Bromonaphthalene	93	40%-140%
2-Fluorobiphenyl	93	40%-140%
o-Terphenyl	64	40%-140%

TARGETED PAH ANALYTES

Analyte	Results	QL	Units
2-Methylnaphthalene	ND	100	ug/kg
Acenaphthene	ND	100	ug/kg
Acenaphthylene	ND	100	ug/kg
Anthracene	ND	100	ug/kg
Benzo[a]anthracene	ND	100	ug/kg
Benzo[a]pyrene	ND	100	ug/kg
Benzo[b]fluoranthene	ND	100	ug/kg
Benzo[g,h,i]perylene	ND	100	ug/kg
Benzo[k]fluoranthene	ND	100	ug/kg
Chrysene	ND	100	ug/kg
Dibenz[a,h]anthracene	ND	100	ug/kg
Fluoranthene	ND	100	ug/kg
Fluorene	ND	100	ug/kg
Indeno[1,2,3-cd]pyrene	ND	100	ug/kg
Naphthalene	ND	100	ug/kg
Phenanthrene	ND	100	ug/kg
Pyrene	ND	100	ug/kg

E7052814

FUSS & O'NEILL
Disciplines to Deliver
(860) 646-2469 • www.FandO.com

- ☐ 146 Hartford Road, Manchester, CT 06040
- ☐ 56 Quarry Road, Trumbull, CT 06611
- ☐ 1419 Richland Street, Columbia, SC 29201
- ☐ 78 Interstate Drive, West Springfield, MA 01089
- ☐ 610 Lynndale Court, Suite E, Greenville, NC 27858
- ☐ 24 Madison Avenue Extension, Albany, NY 12203
- ☑ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
- ☐ Other _____

CHAIN-OF-CUSTODY RECORD 12814

Turnaround
☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☑ Standard (____ days) *Surcharge Applies

PROJECT NAME: Nu-Style - ~~[illegible]~~ UST Removal
PROJECT LOCATION: Franklin, MA
PROJECT NUMBER: 20050458.A10
LABORATORY: Premier

REPORT TO: David Fuss
INVOICE TO: David Fuss
P.O. NO.: 841 20050458 A10
Sampler's Signature: [signature] Date: 5/2/07

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Bottom Sediment A=Air
X=Other Trip Blanks (MeOH; and D.I water w/ HCl)

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	PP-13 Metals + Barium	VOCs by 8260B	VPH by MADEP Method	EPH by MADEP Method	Soil VOA Vial, [✓] methanol [ ] sodium bisulfate	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other: VOA homogenized	Other:	Water VOA Vial, [ ] As is [✓] HCl	Glass Amber ( ) ml, [ ] As is [ ] As is	Plastic - As is, [ ] 250 ml [ ] 500 ml 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] 500 ml	Plastic - NaOH, 250 ml [ ] Filtered	Bacteria Bottle	Comments
1	✓	✓	✓		841070502-01	S	5/2/07	0930	✓	✓	✓	✓		1	2		2								
2	↓	↓	↓		-02	↓	↓	0935	↓	↓	↓	↓		↓	↓		↓								
3	↓	↓	↓		-03	↓	↓	0940	↓	↓	↓	↓		↓	↓		↓								
4	↓	↓	↓		-04	↓	↓	1005	↓	↓	↓	↓		↓	↓		↓								
5	↓	↓	↓		-05	↓	↓	1015	↓	↓	↓	↓		↓	↓		↓								
6	↓	↓	↓		-06	↓	↓	1020	↓	↓	↓	↓		↓	↓		↓								
7	↓	↓	↓		-07	X	↓	1030									2								Trip Blank - HCl
8	↓	↓	↓		-08	X	↓	1030		↓				1											Trip Blank - MeOH

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	F&O fridge	5/2/07	1545
2	F&O fridge	[signature]	5/3/07	0925
3	[signature]	[signature]	5/3/07	0926
4	[signature]		5/3/07	1450

Reporting and Detection Limit Requirements:
MCP Data Enhancement Project - see attached table for DL's

Additional Comments:
Please complete attached checklist

6°C

INITIAL DATE: OCTOBER 2006
REVISION DATE: OCTOBER 2006
REVISION: 1.0

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
MODIFIED TIER I COMPLETENESS CHECKLIST

	YES	NO
1. SAMPLING AND FIELD MEASUREMENTS:		
Field measurement calibration records	☐	☐
Groundwater field measurements (if applicable)	☐	☐
Soil sampling field measurements (if applicable)	☐	☐
Sediment sampling field measurements (if applicable)	☐	☐
Surface water sampling field measurements (if applicable)	☐	☐
Low-flow sampling field measurements (if applicable)	☐	☐
Documentation of field activities	☐	☐
Sample numbering and labeling	☐	☐
Chain-of-Custody records	☐	☐
Trip blanks	☐	☐
Duplicate samples	☐	☐
Equipment blanks	☐	☐
Split samples (if any)	☐	☐
2. LABORATORY MEASUREMENTS:		
Trip blanks	☐	☐
Instrument blanks	☐	☐
Laboratory control samples	☐	☐
Duplicates samples	☐	☐
Equipment blanks	☐	☐
Matrix spike/matrix spike duplicates	☐	☐
Analysis type	☐	☐
Chain-of-Custody records	☐	☐
Surrogate recoveries	☐	☐
Sample Project Narratives	☐	☐
Split samples (if any)	☐	☐
TOTAL:	_____	_____

PERCENT COMPLETE: _____ %

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST

	PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?		
	YES	NO	COMMENTS
1. SAMPLING AND FIELD MEASUREMENTS:			
Field measurement calibration records			
pH - ± 0.3 pH units	☐	☐	_____
S.C. - ± 5% of calibration solution, within? calibration range	☐	☐	_____
Temperature - ± 0.5 °C	☐	☐	_____
D.O. - ± 5% of calibration solution	☐	☐	_____
Groundwater field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	_____
Soil sampling field measurements (if applicable)			
OVM - ± 2 ppm	☐	☐	_____
OVA - ± 2 ppm	☐	☐	_____
Sediment sampling field measurements (if applicable)			
Descriptive information recorded?	☐	☐	_____
Surface water sampling field measurements (if applicable)			
Water depth measured to within 0.01 ft.?	☐	☐	_____
Low-flow sampling field measurements (if applicable)			
S.C. - ± 10%	☐	☐	_____
pH - ± 0.2 pH units	☐	☐	_____
Temperature - ± 10%	☐	☐	_____
Turbidity - ±5 NTU	☐	☐	_____
Documentation of field activities			
Site-specific information documented in field notebook?	☐	☐	_____
Field data sheets completed?	☐	☐	_____
Sample numbering and labeling			
Sample numbering conforms to sample I.D. system identified in QAPP?	☐	☐	_____
Chain-of-Custody records			
Chain-of-Custody forms completed?	☐	☐	_____

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
FUSS & O'NEILL MODIFIED TIER II DATA VALIDATION CHECKLIST
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?

	YES	NO	COMMENTS
Trip blanks			
Trip blanks submitted, one per day?	☐	☐	_____
Any compounds detected in trip blanks?	☐	☐	_____
Duplicate samples			
Field duplicates performed, 1/20 samples?	☐	☐	_____
Is percent difference within 30% for all field parameters?	☐	☐	_____
Equipment blanks			
Equipment blanks submitted, one per sampling day?	☐	☐	_____
Any compounds detected in equipment blank?	☐	☐	_____
Split samples (if any)			
Split samples collected?	☐	☐	_____
Is percent difference within 30% for split samples?	☐	☐	_____

2. LABORATORY MEASUREMENTS:

Trip blanks			
Trip blanks submitted, one per day?	☐	☐	_____
Any compounds detected in trip blanks?	☐	☐	_____
Instrument blanks**	☐	☐	_____
Laboratory control samples**	☐	☐	_____
Duplicates samples**	☐	☐	_____
Equipment blanks**	☐	☐	_____
Matrix spike/matrix spike duplicates**	☐	☐	_____
Analysis type	☐	☐	_____
Chain-of-Custody records	☐	☐	_____
Surrogate recoveries**	☐	☐	_____
Sample Project Narratives	☐	☐	_____
Split samples (if any)**	☐	☐	_____
Most recent EPA WP-PE sample results**	☐	☐	_____

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
1. SDG Project Narratives	☐	☐	_____
2. Traffic Report	☐	☐	_____
3. Volatiles Data			
a. Sample Data			
Target Compound List (TCL) Results	☐	☐	_____
Reconstructed total ion chromatograms (RIC) for each Sample	☐	☐	_____
For each sample:			
Raw spectra and background-subtracted mass spectra of target compounds identified	☐	☐	_____
Mass spectra of all reported TICs with three best library matches	☐	☐	_____
Percent solids calculations	☐	☐	_____
b. Standards Data (all instruments)			
Initial Calibration Data	☐	☐	_____
RICs and Quan Reports for all Standards	☐	☐	_____
Continuing Calibration	☐	☐	_____
RICs and Quan Reports for all Standards	☐	☐	_____
Internal Standard Area Summary	☐	☐	_____
c. Raw QC Data			
Blank Data	☐	☐	_____
Matrix Spike Data	☐	☐	_____
Matrix Spike Duplicate Data	☐	☐	_____
4. Semivolatiles Data			
a. QC Summary			
Surrogate Percent Recovery Summary	☐	☐	_____
MS/MSD Summary	☐	☐	_____
Method Blank Summary	☐	☐	_____
Tuning and Mass Calibration	☐	☐	_____

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

	YES	NO	COMMENTS
b. Sample Data			
TCL Results	☐	☐	_____
Tentatively Identified Compounds	☐	☐	_____
Reconstructed total ion chromatograms (RIC) for each Sample	☐	☐	_____
For each sample:			
Raw spectra and background-subtracted mass spectra of TCL compounds	☐	☐	_____
Mass spectra of TICs with 3 best library matches	☐	☐	_____
GPC chromatograms (if GPC performed)	☐	☐	_____
c. Standards Data (all instruments)			
Initial Calibration Data	☐	☐	_____
RICs and Quan Reports for all Standards	☐	☐	_____
Continuing Calibration	☐	☐	_____
RICs and Quan Reports for all Standards	☐	☐	_____
Internal Standard Areas Summary	☐	☐	_____
Internal Standard Areas Summary	☐	☐	_____
d. Raw QC Data			
Decafluorotripbenylphosphine (DFTPP)	☐	☐	_____
Blank Data	☐	☐	_____
Matrix Spike Data	☐	☐	_____
Matrix Spike Duplicate Data	☐	☐	_____
5. Miscellaneous Data			
Original preparation and analysis forms or copies of preparation and analysis log book pages	☐	☐	_____
Internal sample & sample extract transfer chain-of custody records	☐	☐	_____
Screening Records	☐	☐	_____
All instrument output, including strip charts from screening activities (describe or list)	☐	☐	_____

_____

_____

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
6. Chain-of-Custody Records	☐	☐	_____
Sample Log-in Sheet (Lab & DC1)	☐	☐	_____
Miscellaneous Shipping/Receiving Records (describe or list)	☐	☐	_____
7. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)	☐	☐	_____
8. Other Records (describe or list)	☐	☐	_____

9. Comments:

_____

_____

_____

** See laboratory Quality Assurance Plan for limits.

Completed by: _____ _____ _____
(Lab) (Signature) (Printed Name/Title) Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: _____ _____ _____
(Lab) (Signature) (Printed Name/Title) Date

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☐	☐	_____
2.	Inorganic Analysis Data Sheet	☐	☐	_____
3.	Initial and Continuing Calibration Verification	☐	☐	_____
4.	CRDL Standard for AA and ICP	☐	☐	_____
5.	Blanks	☐	☐	_____
6.	ICP Interference Check Sample	☐	☐	_____
7.	Spike Sample Recovery	☐	☐	_____
8.	Post Digest Spike Sample Recovery	☐	☐	_____
9.	Duplicates	☐	☐	_____
10.	Laboratory Control Sample	☐	☐	_____
11.	Standard Addition Results	☐	☐	_____
12.	ICP Serial Dilutions	☐	☐	_____
13.	Instrument Detection Limits, Quarterly	☐	☐	_____
14.	ICP Interelement Correction Factors, Annually	☐	☐	_____
15.	ICP Linear Ranges Quarterly	☐	☐	_____
16.	Preparation Log	☐	☐	_____
17.	Analysis Run Log	☐	☐	_____
18.	ICP Raw Data	☐	☐	_____
19.	Furnace AA Raw Data	☐	☐	_____
20.	Mercury Raw Data	☐	☐	_____
21.	Percent Solids Calculations	☐	☐	_____
22.	Digestion Logs	☐	☐	_____
23.	EPA Shipping/Receiving Records			
	(List all individual records)	☐	☐	_____
	Chain-of Custody Records	☐	☐	_____
	Sample Log-In sheet	☐	☐	_____
24.	Miscellaneous Shipping/Receiving Records	☐	☐	_____
	(List all individual records)			

_____

_____

_____

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS
(Continued)

		PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**		
		YES	NO	COMMENTS
25.	Internal Lab Sample Transfer Records and Tracking Sheets (Describe or List) _____ _____			
26.	Internal Original Sample Preparation and analysis Records (Describe or List	☐	☐	_____
	Preparation Records	☐	☐	_____
	Analysis Records	☐	☐	_____
	Description	☐	☐	_____
27.	Other Records (Describe or List) _____ _____			
28.	Comments: _____ _____			

** See laboratory Quality Assurance Plan for limits.

Completed by: _____ _____ _____
(Lab) (Signature) (Printed Name/Title) Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: _____ _____ _____
(Lab) (Signature) (Printed Name/Title) Date

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
1. SDG Project Narratives	☒	☐	
2. Traffic Report	☐	☐	N/A
3. Volatiles Data			
a. Sample Data			
Target Compound List (TCL) Results	☒	☐	
Reconstructed total ion chromatograms (RIC) for each Sample	☒	☐	
For each sample:			
Raw spectra and background-subtracted mass spectra of target compounds identified	☒	☐	
Mass spectra of all reported TICs with three best library matches	☐	☐	N/A
Percent solids calculations	☒	☐	
b. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Area Summary	☒	☐	
c. Raw QC Data			
Blank Data	☒	☐	
Matrix Spike Data	☐	☐	N/A
Matrix Spike Duplicate Data	☐	☐	N/A
4. Semivolatiles Data			
a. QC Summary			
Surrogate Percent Recovery Summary	☐	☐	N/A
MS/MSD Summary	☐	☐	N/A
Method Blank Summary	☐	☐	N/A
Tuning and Mass Calibration	☐	☐	N/A

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
b. Sample Data			
TCL Results	☐	☐	N/A
Tentatively Identified Compounds	☐	☐	N/A
Reconstructed total ion chromatograms (RIC) for each Sample	☐	☐	N/A
For each sample:			
Raw spectra and background-subtracted mass spectra of TCL compounds	☐	☐	N/A
Mass spectra of TICs with 3 best library matches	☐	☐	N/A
GPC chromatograms (if GPC performed)	☐	☐	N/A
c. Standards Data (all instruments)			
Initial Calibration Data	☐	☐	N/A
RICs and Quan Reports for all Standards	☐	☐	N/A
Continuing Calibration	☐	☐	N/A
RICs and Quan Reports for all Standards	☐	☐	N/A
Internal Standard Areas Summary	☐	☐	N/A
Internal Standard Areas Summary	☐	☐	N/A
d. Raw QC Data			
Decafluorotripbenylphosphine (DFTPP)	☐	☐	N/A
Blank Data	☐	☐	N/A
Matrix Spike Data	☐	☐	N/A
Matrix Spike Duplicate Data	☐	☐	N/A
5. Miscellaneous Data			
Original preparation and analysis forms or copies of preparation and analysis log book pages	☒	☐	
Internal sample & sample extract transfer chain-of custody records	☒	☐	
Screening Records	☐	☐	N/A
All instrument output, including strip charts from screening activities (describe or list)	☒	☐	

FUSS & O'NEILL

INITIAL DATE: OCTOBER 2006
REVISION DATE: OCTOBER 2006
REVISION: 1.0

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
6. Chain-of-Custody Records	☒	☐	
Sample Log-in Sheet (Lab & DC1)	☒	☐	
Miscellaneous Shipping/Receiving Records (describe or list)	☐	☐	N/A
7. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)	☐	☐	N/A
8. Other Records (describe or list)	☐	☐	

9. Comments:

** See laboratory Quality Assurance Plan for limits.

Completed by: (Lab) (Signature) Gregory Plante / organics manager (Printed Name/Title) 7/9/07 Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: (Lab) (Signature) Robert Stevenson / Lab Director (Printed Name/Title) 7/9/07 Date

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Inorganic Analysis Data Sheet	☑	☐	
3.	Initial and Continuing Calibration Verification	☑	☐	
4.	CRDL Standard for AA and ICP	☑	☐	
5.	Blanks	☑	☐	
6.	ICP Interference Check Sample	☑	☐	
7.	Spike Sample Recovery	☑	☐	Narrative
8.	Post Digest Spike Sample Recovery	☐	☐	NA
9.	Duplicates	☑	☐	
10.	Laboratory Control Sample	☑	☐	
11.	Standard Addition Results	☐	☐	NA
12.	ICP Serial Dilutions	☑	☐	
13.	Instrument Detection Limits, Quarterly	☑	☐	
14.	ICP Interelement Correction Factors, Annually	☑	☐	
15.	ICP Linear Ranges Quarterly	☑	☐	
16.	Preparation Log	☑	☐	
17.	Analysis Run Log	☑	☐	
18.	ICP Raw Data	☑	☐	
19.	Furnace AA Raw Data	☐	☐	NA
20.	Mercury Raw Data	☑	☐	
21.	Percent Solids Calculations	☑	☐	
22.	Digestion Logs	☑	☐	
23.	EPA Shipping/Receiving Records			
	(List all individual records)	☐	☐	
	Chain-of Custody Records	☑	☐	
	Sample Log-In sheet	☐	☐	
24.	Miscellaneous Shipping/Receiving Records (List all individual records)	☐	☐	

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

		YES	NO	COMMENTS
25.	Internal Lab Sample Transfer Records and Tracking Sheets (Describe or List) logbook			
26.	Internal Original Sample Preparation and analysis Records (Describe or List	☐	☐	
	Preparation Records	☑	☐	logbook
	Analysis Records	☑	☐	electronic and hard copy
	Description	☐	☐	
27.	Other Records (Describe or List)			
28.	Comments:			

** See laboratory Quality Assurance Plan for limits.

Completed by: _____ Robert Stevenson/Lab Director 7/9/07
(Lab) (Signature) (Printed Name/Title) Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: _____ Robert Stevenson/Lab Director 7/9/07
(Lab) (Signature) (Printed Name/Title) Date

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
1. SDG Project Narratives	☒	☐	
2. Traffic Report	☐	☐	N/A
3. Volatiles Data			
a. Sample Data			
Target Compound List (TCL) Results	☒	☐	
Reconstructed total ion chromatograms (RIC) for each Sample	☒	☐	
For each sample:			
Raw spectra and background-subtracted mass spectra of target compounds identified	☒	☐	
Mass spectra of all reported TICs with three best library matches	☐	☐	N/A
Percent solids calculations	☒	☐	
b. Standards Data (all instruments)			
Initial Calibration Data	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Continuing Calibration	☒	☐	
RICs and Quan Reports for all Standards	☒	☐	
Internal Standard Area Summary	☒	☐	
c. Raw QC Data			
Blank Data	☒	☐	
Matrix Spike Data	☐	☐	N/A
Matrix Spike Duplicate Data	☐	☐	N/A
4. Semivolatiles Data			
a. QC Summary			
Surrogate Percent Recovery Summary	☐	☐	N/A
MS/MSD Summary	☐	☐	N/A
Method Blank Summary	☐	☐	N/A
Tuning and Mass Calibration	☐	☐	N/A

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

	YES	NO	COMMENTS
b. Sample Data			
TCL Results	☐	☐	N/A
Tentatively Identified Compounds	☐	☐	N/A
Reconstructed total ion chromatograms (RIC) for each Sample	☐	☐	N/A
For each sample:			
Raw spectra and background-subtracted mass spectra of TCL compounds	☐	☐	N/A
Mass spectra of TICs with 3 best library matches	☐	☐	N/A
GPC chromatograms (if GPC performed)	☐	☐	N/A
c. Standards Data (all instruments)			
Initial Calibration Data	☐	☐	N/A
RICs and Quan Reports for all Standards	☐	☐	N/A
Continuing Calibration	☐	☐	N/A
RICs and Quan Reports for all Standards	☐	☐	N/A
Internal Standard Areas Summary	☐	☐	N/A
Internal Standard Areas Summary	☐	☐	N/A
d. Raw QC Data			
Decafluorotripbenylphosphine (DFTPP)	☐	☐	N/A
Blank Data	☐	☐	N/A
Matrix Spike Data	☐	☐	N/A
Matrix Spike Duplicate Data	☐	☐	N/A
5. Miscellaneous Data			
Original preparation and analysis forms or copies of preparation and analysis log book pages	☒	☐	
Internal sample & sample extract transfer chain-of custody records	☒	☐	
Screening Records	☐	☐	N/A
All instrument output, including strip charts from screening activities (describe or list)	☒	☐	

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
ORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

		YES	NO	COMMENTS
6.	Chain-of-Custody Records	☒	☐	
	Sample Log-in Sheet (Lab & DC1)	☒	☐	
	Miscellaneous Shipping/Receiving Records (describe or list)	☐	☐	N/A
7.	Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)	☐	☐	N/A
8.	Other Records (describe or list)	☐	☐	

9. Comments:

** See laboratory Quality Assurance Plan for limits.

Completed by: (Lab) (Signature) Gregory Plante / organics manger (Printed Name/Title) 7/9/07 Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: (Lab) (Signature) Robert Stevenson/Lab Director (Printed Name/Title) 7/9/07 Date

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMTS?**

		YES	NO	COMMENTS
1.	SDG Project Narratives	☑	☐	
2.	Inorganic Analysis Data Sheet	☑	☐	
3.	Initial and Continuing Calibration Verification	☑	☐	
4.	CRDL Standard for AA and ICP	☑	☐	
5.	Blanks	☑	☐	
6.	ICP Interference Check Sample	☑	☐	
7.	Spike Sample Recovery	☑	☐	Narrative
8.	Post Digest Spike Sample Recovery	☐	☐	NA
9.	Duplicates	☑	☐	
10.	Laboratory Control Sample	☑	☐	
11.	Standard Addition Results	☐	☐	NA
12.	ICP Serial Dilutions	☑	☐	
13.	Instrument Detection Limits, Quarterly	☑	☐	
14.	ICP Interelement Correction Factors, Annually	☑	☐	
15.	ICP Linear Ranges Quarterly	☑	☐	
16.	Preparation Log	☑	☐	
17.	Analysis Run Log	☑	☐	
18.	ICP Raw Data	☑	☐	
19.	Furnace AA Raw Data	☐	☐	NA
20.	Mercury Raw Data	☑	☐	
21.	Percent Solids Calculations	☑	☐	
22.	Digestion Logs	☑	☐	
23.	EPA Shipping/Receiving Records (List all individual records)	☐	☐	
	Chain-of Custody Records	☑	☐	
	Sample Log-In sheet	☐	☐	
24.	Miscellaneous Shipping/Receiving Records (List all individual records)	☐	☐	

PHASE II SITE ASSESSMENT
FORMER NU-STYLE COMPANY, INC. FACILITY
LABORATORY MODIFIED TIER II DATA VALIDATION CHECKLIST
INORGANIC COMPOUNDS
(Continued)

PERFORMED AND, WHERE APPLICABLE, WITHIN ACCEPTABLE LIMITS?**

		YES	NO	COMMENTS
25.	Internal Lab Sample Transfer Records and Tracking Sheets (Describe or List) logbook			
26.	Internal Original Sample Preparation and analysis Records (Describe or List	☐	☐	
	Preparation Records	☑	☐	logbook
	Analysis Records	☑	☐	electronic and hard copy
	Description	☐	☐	
27.	Other Records (Describe or List)			
28.	Comments:			

** See laboratory Quality Assurance Plan for limits.

Completed by: [signature] Robert Stevenson/Lab Director 7/9/07
(Lab) (Signature) (Printed Name/Title) Date

I certify that the above information is true and accurate. I further certify that all laboratory results associated with the above analyses will be made available for review for seven (7) years following certification of this document.

Certified by: [signature] Robert Stevenson/Lab Director 7/9/07
(Lab) (Signature) (Printed Name/Title) Date

Appendix D

TATA & HOWARD

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

May 14, 2015

Jim DeAngelis
Tata & Howard, Inc.
67 Forest Street, #2
Marlborough, MA 01752

Project Location: 87 Grove St.
Client Job Number:
Project Number: 3969
Laboratory Work Order Number: 15E0203

Enclosed are results of analyses for samples received by the laboratory on May 6, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Steven M. Case
Project Manager

Table of Contents

con-test® ANALYTICAL LABORATORY

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

Tata & Howard, Inc.
67 Forest Street, #2
Marlborough, MA 01752
ATTN: Jim DeAngelis

REPORT DATE: 5/14/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 3969

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15E0203

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

PROJECT LOCATION: 87 Grove St.

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-1	15E0203-01	Ground Water		SW-846 8260C	
MW-17	15E0203-02	Ground Water		SW-846 8260C	
MW-106D	15E0203-03	Ground Water		SW-846 8260C	
MW-106S	15E0203-04	Ground Water		SW-846 8260C	
MW-101D	15E0203-05	Ground Water		SW-846 8260C	
MW-101S	15E0203-06	Ground Water		SW-846 8260C	

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.

SW-846 8260C

Qualifications:

L-14

Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

Bromomethane
B121629-BS1, B121629-BSD1

Dichlorodifluoromethane (Freon 1
B121629-BS1, B121629-BSD1

RL-05

Elevated reporting limit due to high concentration of target compounds. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

15E0203-05[MW-101D], 15E0203-06[MW-101S]

RL-07

Elevated reporting limit based on lowest point in calibration.
MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

Bromomethane
15E0203-01[MW-1], 15E0203-02[MW-17], 15E0203-03[MW-106D], 15E0203-04[MW-106S]

Methylene Chloride
15E0203-01[MW-1], 15E0203-02[MW-17], 15E0203-03[MW-106D], 15E0203-04[MW-106S]

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DB
15E0203-01[MW-1], 15E0203-02[MW-17], 15E0203-03[MW-106D], 15E0203-04[MW-106S], 15E0203-05[MW-101D], 15E0203-06[MW-101S], B121629-BLK1, B121629-BS1, B121629-BSD1

V-20

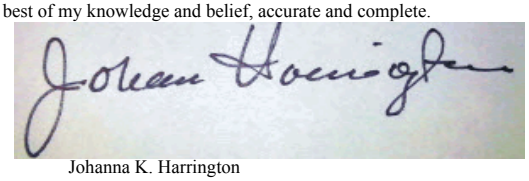
Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Chloromethane
B121629-BS1, B121629-BSD1

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

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.



Johanna K. Harrington
Manager, Laboratory Reporting

con-test® ANALYTICAL LABORATORY

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

Project Location: 87 Grove St. Sample Description: Work Order: 15E0203

Date Received: 5/6/2015

Field Sample #: MW-1 Sampled: 5/4/2015 11:00

Sample ID: 15E0203-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Bromomethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
cis-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
trans-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:10	EEH

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

Project Location: 87 Grove St. Sample Description: Work Order: 15E0203

Date Received: 5/6/2015

Field Sample #: MW-1 Sampled: 5/4/2015 11:00

Sample ID: 15E0203-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst

Surrogates	% Recovery	Recovery Limits	Flag/Qual					
1,2-Dichloroethane-d4	97.5	70-130						5/13/15 18:10
Toluene-d8	99.9	70-130						5/13/15 18:10
4-Bromofluorobenzene	99.5	70-130						5/13/15 18:10

con-test® ANALYTICAL LABORATORY

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

Project Location: 87 Grove St. Sample Description: Work Order: 15E0203

Date Received: 5/6/2015

Field Sample #: MW-17 Sampled: 5/4/2015 13:45

Sample ID: 15E0203-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Bromomethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
cis-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
trans-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 18:37	EEH

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

Project Location: 87 Grove St. Sample Description: Work Order: 15E0203

Date Received: 5/6/2015

Field Sample #: MW-17 Sampled: 5/4/2015 13:45

Sample ID: 15E0203-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst

Surrogates	% Recovery	Recovery Limits	Flag/Qual					
1,2-Dichloroethane-d4	97.8	70-130					5/13/15 18:37	
Toluene-d8	99.4	70-130					5/13/15 18:37	
4-Bromofluorobenzene	100	70-130					5/13/15 18:37	

con-test® ANALYTICAL LABORATORY

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

Project Location: 87 Grove St. Sample Description: Work Order: 15E0203

Date Received: 5/6/2015

Field Sample #: MW-106D Sampled: 5/4/2015 15:30

Sample ID: 15E0203-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Bromomethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
cis-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
trans-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:03	EEH

con-test® ANALYTICAL LABORATORY

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

Project Location: 87 Grove St. Sample Description: Work Order: 15E0203

Date Received: 5/6/2015

Field Sample #: MW-106D Sampled: 5/4/2015 15:30

Sample ID: 15E0203-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	97.1	70-130		5/13/15 19:03
Toluene-d8	99.5	70-130		5/13/15 19:03
4-Bromofluorobenzene	100	70-130		5/13/15 19:03

con-test® ANALYTICAL LABORATORY

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

Project Location: 87 Grove St. Sample Description: Work Order: 15E0203

Date Received: 5/6/2015

Field Sample #: MW-106S Sampled: 5/5/2015 08:55

Sample ID: 15E0203-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Bromomethane	ND	5.0	µg/L	1	RL-07	SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Carbon Tetrachloride	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
cis-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
trans-1,3-Dichloropropene	ND	0.40	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Methylene Chloride	ND	5.0	µg/L	1	RL-07	SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	5/13/15	5/13/15 19:30	EEH

con-test® ANALYTICAL LABORATORY

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

Project Location: 87 Grove St. Sample Description: Work Order: 15E0203

Date Received: 5/6/2015

Field Sample #: MW-106S Sampled: 5/5/2015 08:55

Sample ID: 15E0203-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.3	70-130		5/13/15 19:30
Toluene-d8	98.9	70-130		5/13/15 19:30
4-Bromofluorobenzene	100	70-130		5/13/15 19:30

con-test® ANALYTICAL LABORATORY

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

Project Location: 87 Grove St. Sample Description: Work Order: 15E0203

Date Received: 5/6/2015

Field Sample #: MW-101D Sampled: 5/5/2015 11:45

Sample ID: 15E0203-05

Sample Matrix: Ground Water

Sample Flags: RL-05

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Bromochloromethane	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Bromodichloromethane	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Bromoform	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Bromomethane	ND	50	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Carbon Tetrachloride	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Chlorobenzene	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Chlorodibromomethane	ND	5.0	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Chloroethane	ND	20	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Chloroform	ND	20	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Chloromethane	ND	20	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
2-Chlorotoluene	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
4-Chlorotoluene	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	µg/L	10	V-05	SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,2-Dibromoethane (EDB)	ND	5.0	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Dibromomethane	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,2-Dichlorobenzene	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,3-Dichlorobenzene	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,4-Dichlorobenzene	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	20	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,1-Dichloroethane	13	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,2-Dichloroethane	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,1-Dichloroethylene	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
cis-1,2-Dichloroethylene	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
trans-1,2-Dichloroethylene	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,2-Dichloropropane	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,3-Dichloropropane	ND	5.0	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
2,2-Dichloropropane	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,1-Dichloropropene	ND	20	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
cis-1,3-Dichloropropene	ND	4.0	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
trans-1,3-Dichloropropene	ND	4.0	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Hexachlorobutadiene	ND	5.0	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Methylene Chloride	ND	50	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,1,1,2-Tetrachloroethane	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,1,2,2-Tetrachloroethane	ND	5.0	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Tetrachloroethylene	170	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,2,3-Trichlorobenzene	ND	20	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,2,4-Trichlorobenzene	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,1,1-Trichloroethane	27	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,1,2-Trichloroethane	ND	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Trichloroethylene	600	10	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Trichlorofluoromethane (Freon 11)	ND	20	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
1,2,3-Trichloropropane	ND	20	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH
Vinyl Chloride	ND	20	µg/L	10		SW-846 8260C	5/13/15	5/13/15 19:57	EEH

con-test® ANALYTICAL LABORATORY

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

Project Location: 87 Grove St. Sample Description: Work Order: 15E0203

Date Received: 5/6/2015

Field Sample #: MW-101D Sampled: 5/5/2015 11:45

Sample ID: 15E0203-05

Sample Matrix: Ground Water

Sample Flags: RL-05

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst

Surrogates	% Recovery	Recovery Limits	Flag/Qual					
1,2-Dichloroethane-d4	98.6	70-130						5/13/15 19:57
Toluene-d8	99.2	70-130						5/13/15 19:57
4-Bromofluorobenzene	101	70-130						5/13/15 19:57

con-test® ANALYTICAL LABORATORY

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

Project Location: 87 Grove St. Sample Description: Work Order: 15E0203

Date Received: 5/6/2015

Field Sample #: MW-101S Sampled: 5/5/2015 13:45

Sample ID: 15E0203-06

Sample Matrix: Ground Water

Sample Flags: RL-05

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Bromochloromethane	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Bromodichloromethane	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Bromoform	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Bromomethane	ND	500	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Carbon Tetrachloride	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Chlorobenzene	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Chlorodibromomethane	ND	50	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Chloroethane	ND	200	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Chloroform	ND	200	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Chloromethane	ND	200	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
2-Chlorotoluene	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
4-Chlorotoluene	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	200	µg/L	100	V-05	SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,2-Dibromoethane (EDB)	ND	50	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Dibromomethane	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,2-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,3-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,4-Dichlorobenzene	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Dichlorodifluoromethane (Freon 12)	ND	200	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,1-Dichloroethane	130	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,2-Dichloroethane	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,1-Dichloroethylene	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
cis-1,2-Dichloroethylene	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
trans-1,2-Dichloroethylene	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,2-Dichloropropane	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,3-Dichloropropane	ND	50	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
2,2-Dichloropropane	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,1-Dichloropropene	ND	200	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
cis-1,3-Dichloropropene	ND	40	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
trans-1,3-Dichloropropene	ND	40	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Hexachlorobutadiene	ND	50	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Methylene Chloride	ND	500	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,1,1,2-Tetrachloroethane	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,1,2,2-Tetrachloroethane	ND	50	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Tetrachloroethylene	120	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,2,3-Trichlorobenzene	ND	200	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,2,4-Trichlorobenzene	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,1,1-Trichloroethane	540	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,1,2-Trichloroethane	ND	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Trichloroethylene	8600	100	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Trichlorofluoromethane (Freon 11)	ND	200	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
1,2,3-Trichloropropane	ND	200	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH
Vinyl Chloride	ND	200	µg/L	100		SW-846 8260C	5/13/15	5/13/15 20:23	EEH

con-test® ANALYTICAL LABORATORY

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

Project Location: 87 Grove St. Sample Description: Work Order: 15E0203

Date Received: 5/6/2015

Field Sample #: MW-101S Sampled: 5/5/2015 13:45

Sample ID: 15E0203-06

Sample Matrix: Ground Water

Sample Flags: RL-05

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.4	70-130		5/13/15 20:23
Toluene-d8	100	70-130		5/13/15 20:23
4-Bromofluorobenzene	101	70-130		5/13/15 20:23

con-test® ANALYTICAL LABORATORY

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

Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
15E0203-01 [MW-1]	B121629	5	5.00	05/13/15
15E0203-02 [MW-17]	B121629	5	5.00	05/13/15
15E0203-03 [MW-106D]	B121629	5	5.00	05/13/15
15E0203-04 [MW-106S]	B121629	5	5.00	05/13/15
15E0203-05 [MW-101D]	B121629	0.5	5.00	05/13/15
15E0203-06 [MW-101S]	B121629	0.05	5.00	05/13/15

con-test® ANALYTICAL LABORATORY

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B121629 - SW-846 5030B										
Blank (B121629-BLK1)				Prepared & Analyzed: 05/13/15						
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	1.0	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	5.0	µg/L							
Carbon Tetrachloride	ND	1.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.40	µg/L							
trans-1,3-Dichloropropene	ND	0.40	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	2.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*24.5*		µg/L	25.0		98.2	70-130			
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		101	70-130			

con-test® ANALYTICAL LABORATORY

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B121629 - SW-846 5030B											
LCS (B121629-BS1)				Prepared & Analyzed: 05/13/15							
Bromobenzene	9.76	1.0	µg/L	10.0		97.6	70-130				
Bromochloromethane	10.7	1.0	µg/L	10.0		107	70-130				
Bromodichloromethane	9.85	1.0	µg/L	10.0		98.5	70-130				
Bromoform	10.1	1.0	µg/L	10.0		101	70-130				
Bromomethane	6.55	5.0	µg/L	10.0		65.5	40-160			L-14	†
Carbon Tetrachloride	10.5	1.0	µg/L	10.0		105	70-130				
Chlorobenzene	10.1	1.0	µg/L	10.0		101	70-130				
Chlorodibromomethane	9.78	0.50	µg/L	10.0		97.8	70-130				
Chloroethane	9.37	2.0	µg/L	10.0		93.7	70-130				
Chloroform	10.1	2.0	µg/L	10.0		101	70-130				
Chloromethane	8.26	2.0	µg/L	10.0		82.6	40-160			V-20	†
2-Chlorotoluene	10.1	1.0	µg/L	10.0		101	70-130				
4-Chlorotoluene	10.0	1.0	µg/L	10.0		100	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.07	2.0	µg/L	10.0		80.7	70-130			V-05	
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.0		102	70-130				
Dibromomethane	10.1	1.0	µg/L	10.0		101	70-130				
1,2-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130				
1,3-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130				
1,4-Dichlorobenzene	9.95	1.0	µg/L	10.0		99.5	70-130				
Dichlorodifluoromethane (Freon 12)	5.06	2.0	µg/L	10.0		50.6	40-160			L-14	†
1,1-Dichloroethane	9.78	1.0	µg/L	10.0		97.8	70-130				
1,2-Dichloroethane	9.70	1.0	µg/L	10.0		97.0	70-130				
1,1-Dichloroethylene	9.69	1.0	µg/L	10.0		96.9	70-130				
cis-1,2-Dichloroethylene	9.52	1.0	µg/L	10.0		95.2	70-130				
trans-1,2-Dichloroethylene	8.92	1.0	µg/L	10.0		89.2	70-130				
1,2-Dichloropropane	9.62	1.0	µg/L	10.0		96.2	70-130				
1,3-Dichloropropane	9.55	0.50	µg/L	10.0		95.5	70-130				
2,2-Dichloropropane	9.38	1.0	µg/L	10.0		93.8	70-130				
1,1-Dichloropropene	10.3	2.0	µg/L	10.0		103	70-130				
cis-1,3-Dichloropropene	10.2	0.40	µg/L	10.0		102	70-130				
trans-1,3-Dichloropropene	10.9	0.40	µg/L	10.0		109	70-130				
Hexachlorobutadiene	9.97	0.50	µg/L	10.0		99.7	70-130				
Methylene Chloride	10.1	5.0	µg/L	10.0		101	70-130				
1,1,1,2-Tetrachloroethane	10.2	1.0	µg/L	10.0		102	70-130				
1,1,2,2-Tetrachloroethane	9.41	0.50	µg/L	10.0		94.1	70-130				
Tetrachloroethylene	10.1	1.0	µg/L	10.0		101	70-130				
1,2,3-Trichlorobenzene	9.15	2.0	µg/L	10.0		91.5	70-130				
1,2,4-Trichlorobenzene	9.47	1.0	µg/L	10.0		94.7	70-130				
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130				
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130				
Trichloroethylene	10.2	1.0	µg/L	10.0		102	70-130				
Trichlorofluoromethane (Freon 11)	9.90	2.0	µg/L	10.0		99.0	70-130				
1,2,3-Trichloropropane	9.52	2.0	µg/L	10.0		95.2	70-130				
Vinyl Chloride	8.68	2.0	µg/L	10.0		86.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.8*		µg/L	25.0		99.3	70-130				
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		99.9	70-130				
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.4	70-130				

con-test® ANALYTICAL LABORATORY

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B121629 - SW-846 5030B											
LCS Dup (B121629-BSD1)				Prepared & Analyzed: 05/13/15							
Bromobenzene	9.78	1.0	µg/L	10.0		97.8	70-130	0.205	20		
Bromochloromethane	10.6	1.0	µg/L	10.0		106	70-130	1.04	20		
Bromodichloromethane	9.51	1.0	µg/L	10.0		95.1	70-130	3.51	20		
Bromoform	10.5	1.0	µg/L	10.0		105	70-130	3.80	20		
Bromomethane	6.71	5.0	µg/L	10.0		67.1	40-160	2.41	20	L-14	†
Carbon Tetrachloride	10.3	1.0	µg/L	10.0		103	70-130	1.63	20		
Chlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	0.0992	20		
Chlorodibromomethane	9.82	0.50	µg/L	10.0		98.2	70-130	0.408	20		
Chloroethane	9.39	2.0	µg/L	10.0		93.9	70-130	0.213	20		
Chloroform	10.0	2.0	µg/L	10.0		100	70-130	0.199	20		
Chloromethane	8.30	2.0	µg/L	10.0		83.0	40-160	0.483	20	V-20	†
2-Chlorotoluene	9.86	1.0	µg/L	10.0		98.6	70-130	2.70	20		
4-Chlorotoluene	9.89	1.0	µg/L	10.0		98.9	70-130	1.41	20		
1,2-Dibromo-3-chloropropane (DBCP)	8.92	2.0	µg/L	10.0		89.2	70-130	10.0	20	V-05	
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.0		104	70-130	1.84	20		
Dibromomethane	10.2	1.0	µg/L	10.0		102	70-130	0.890	20		
1,2-Dichlorobenzene	10.0	1.0	µg/L	10.0		100	70-130	0.992	20		
1,3-Dichlorobenzene	9.98	1.0	µg/L	10.0		99.8	70-130	3.06	20		
1,4-Dichlorobenzene	9.90	1.0	µg/L	10.0		99.0	70-130	0.504	20		
Dichlorodifluoromethane (Freon 12)	5.10	2.0	µg/L	10.0		51.0	40-160	0.787	20	L-14	†
1,1-Dichloroethane	9.70	1.0	µg/L	10.0		97.0	70-130	0.821	20		
1,2-Dichloroethane	9.74	1.0	µg/L	10.0		97.4	70-130	0.412	20		
1,1-Dichloroethylene	9.56	1.0	µg/L	10.0		95.6	70-130	1.35	20		
cis-1,2-Dichloroethylene	9.16	1.0	µg/L	10.0		91.6	70-130	3.85	20		
trans-1,2-Dichloroethylene	9.10	1.0	µg/L	10.0		91.0	70-130	2.00	20		
1,2-Dichloropropane	9.32	1.0	µg/L	10.0		93.2	70-130	3.17	20		
1,3-Dichloropropane	9.71	0.50	µg/L	10.0		97.1	70-130	1.66	20		
2,2-Dichloropropane	9.25	1.0	µg/L	10.0		92.5	70-130	1.40	20		
1,1-Dichloropropene	10.2	2.0	µg/L	10.0		102	70-130	1.47	20		
cis-1,3-Dichloropropene	9.93	0.40	µg/L	10.0		99.3	70-130	3.17	20		
trans-1,3-Dichloropropene	11.3	0.40	µg/L	10.0		113	70-130	3.33	20		
Hexachlorobutadiene	9.88	0.50	µg/L	10.0		98.8	70-130	0.907	20		
Methylene Chloride	10.2	5.0	µg/L	10.0		102	70-130	1.09	20		
1,1,1,2-Tetrachloroethane	10.2	1.0	µg/L	10.0		102	70-130	0.490	20		
1,1,2,2-Tetrachloroethane	10.0	0.50	µg/L	10.0		100	70-130	6.48	20		
Tetrachloroethylene	9.92	1.0	µg/L	10.0		99.2	70-130	1.60	20		
1,2,3-Trichlorobenzene	10.4	2.0	µg/L	10.0		104	70-130	12.4	20		
1,2,4-Trichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	6.54	20		
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130	0.196	20		
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.0		104	70-130	1.65	20		
Trichloroethylene	9.71	1.0	µg/L	10.0		97.1	70-130	5.02	20		
Trichlorofluoromethane (Freon 11)	9.93	2.0	µg/L	10.0		99.3	70-130	0.303	20		
1,2,3-Trichloropropane	10.1	2.0	µg/L	10.0		101	70-130	6.21	20		
Vinyl Chloride	7.91	2.0	µg/L	10.0		79.1	70-130	9.28	20		
Surrogate: 1,2-Dichloroethane-d4	*25.1*		µg/L	25.0		100	70-130				
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.4	70-130				
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		100	70-130				

con-test® ANALYTICAL LABORATORY

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

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.
	No results have been blank subtracted unless specified in the case narrative section.
L-14	Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.
RL-05	Elevated reporting limit due to high concentration of target compounds. MA CAM reporting limit not met.
RL-07	Elevated reporting limit based on lowest point in calibration. MA CAM reporting limit not met.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

con-test® ANALYTICAL LABORATORY

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Bromochloromethane	CT,NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	CT,NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	CT,NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	CT,NY,ME
2,2-Dichloropropane	CT,NH,NY,ME
1,1-Dichloropropene	CT,NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Hexachlorobutadiene	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
1,2,3-Trichlorobenzene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME

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	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

15E0203
Rev 04.05.12

Company Name: Tata & Howard
Address: 67 Forest St. Marlborough, MA 01752
Attention: Jim DeAngelis
Project Location: 87 Grove St.
Sampled By: Jim DeAngelis

Telephone: 508-303-9400
Project #: 3969
Client PO#:

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #:
Email:
Format: ○ PDF ○ EXCEL ○ GIS ○ OTHER ○ "Enhanced Data Package"

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

ANALYSIS REQUESTED

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	Halogenated/Vocs by 8260											
01	MW-1	5-4-15	11:00		X	GW	L	X											
02	MW-17	5-4-15	1:45				L	X											
03	MW-106 D	5-4-15	3:30				L	X											
04	MW-106 S	5-5-15	8:55				L	X											
05	MW-101 D	5-5-15	11:45				M	X											
06	MW-101 S	5-5-15	1:45				M	X											

	3	H	V
# of Containers			
** Preservation			
***Container Code			

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:
Paula Blake 5.6.15 19:10 4.9

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:
[signature]	5-5-14/ 4:00
Received by: (signature) [signature]	Date/Time: 5-5-14/ 4:00
Relinquished by: (signature) [signature]	Date/Time: 5-6-14/
Received by: (signature) [signature]	Date/Time: 5/6/2015 9:15 Am

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-1
Connecticut:
Other:

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

NELAC & AIHA-LAP, LLC Accredited
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 INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

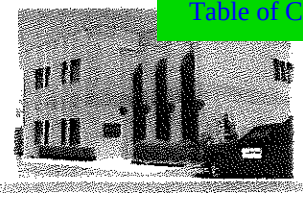
PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

5/6/15 7:19pm

Table of Contents

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

con-test® ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: Tata + Howard **RECEIVED BY:** PB **DATE:** 5-6-15

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

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 4.9

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: Log in

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

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

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

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		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		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below	18	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl 18 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Doc# 277
Rev. 4 August 2013

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	NA	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** PB **Date/Time:** 5.6.15 19:10

Table of Contents

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 15E0203
Project Location: 87 Grove St.	RTN:

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

15E0203-01 thru 15E0203-06

Matrices: Water

CAM Protocol (check all that below)

8260 VOC CAM II A (X)	7470/7471 Hg CAM IIIB ( )	MassDEP VPH CAM IV A ( )	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 ( )	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

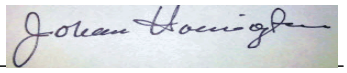
G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

***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: Manager, Laboratory Reporting

Printed Name: Johanna K. Harrington

Date: 05/14/15

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

June 11, 2015

Jim DeAngelis
Tata & Howard, Inc.
67 Forest Street, #2
Marlborough, MA 01752

Project Location: 87 Grove St.
Client Job Number:
Project Number: 3969
Laboratory Work Order Number: 15F0265

Enclosed are results of analyses for samples received by the laboratory on June 4, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Steven M. Case
Project Manager

Table of Contents

con-test® ANALYTICAL LABORATORY

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

Tata & Howard, Inc.
67 Forest Street, #2
Marlborough, MA 01752
ATTN: Jim DeAngelis

REPORT DATE: 6/11/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 3969

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15F0265

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

PROJECT LOCATION: 87 Grove St.

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-101D	15F0265-01	Ground Water		SW-846 8260C	
MW-101S	15F0265-02	Ground Water		SW-846 8260C	

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.

SW-846 8260C

Qualifications:

L-14

Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

Bromomethane

B123593-BS1

RL-05

Elevated reporting limit due to high concentration of target compounds. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

15F0265-01[MW-101D], 15F0265-02[MW-101S]

V-20

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

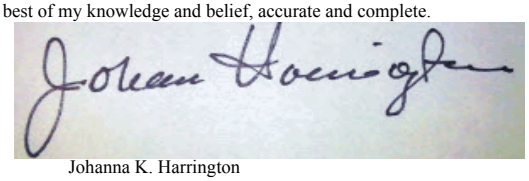
Bromomethane

B123593-BS1, B123593-BSD1

Chloromethane

B123593-BS1, B123593-BSD1

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.



Johanna K. Harrington
Manager, Laboratory Reporting

con-test® ANALYTICAL LABORATORY

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

Project Location: 87 Grove St. Sample Description: Work Order: 15F0265

Date Received: 6/4/2015

Field Sample #: MW-101D Sampled: 6/2/2015 14:10

Sample ID: 15F0265-01

Sample Matrix: Ground Water

Sample Flags: RL-05

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Bromochloromethane	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Bromodichloromethane	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Bromoform	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Bromomethane	ND	40	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Carbon Tetrachloride	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Chlorobenzene	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Chlorodibromomethane	ND	10	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Chloroethane	ND	40	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Chloroform	ND	40	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Chloromethane	ND	40	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
2-Chlorotoluene	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
4-Chlorotoluene	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	40	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,2-Dibromoethane (EDB)	ND	10	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Dibromomethane	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,2-Dichlorobenzene	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,3-Dichlorobenzene	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,4-Dichlorobenzene	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Dichlorodifluoromethane (Freon 12)	ND	40	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,1-Dichloroethane	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,2-Dichloroethane	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,1-Dichloroethylene	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
cis-1,2-Dichloroethylene	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
trans-1,2-Dichloroethylene	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,2-Dichloropropane	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,3-Dichloropropane	ND	10	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
2,2-Dichloropropane	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,1-Dichloropropene	ND	40	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
cis-1,3-Dichloropropene	ND	8.0	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
trans-1,3-Dichloropropene	ND	8.0	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Hexachlorobutadiene	ND	10	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Methylene Chloride	ND	100	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,1,1,2-Tetrachloroethane	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,1,2,2-Tetrachloroethane	ND	10	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Tetrachloroethylene	210	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,2,3-Trichlorobenzene	ND	40	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,2,4-Trichlorobenzene	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,1,1-Trichloroethane	34	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,1,2-Trichloroethane	ND	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Trichloroethylene	830	20	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Trichlorofluoromethane (Freon 11)	ND	40	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
1,2,3-Trichloropropane	ND	40	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR
Vinyl Chloride	ND	40	µg/L	20		SW-846 8260C	6/8/15	6/9/15 3:44	CMR

con-test® ANALYTICAL LABORATORY

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

Project Location: 87 Grove St. Sample Description: Work Order: 15F0265

Date Received: 6/4/2015

Field Sample #: MW-101D Sampled: 6/2/2015 14:10

Sample ID: 15F0265-01

Sample Matrix: Ground Water

Sample Flags: RL-05

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		6/9/15 3:44
Toluene-d8	101	70-130		6/9/15 3:44
4-Bromofluorobenzene	91.4	70-130		6/9/15 3:44

con-test® ANALYTICAL LABORATORY

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

Project Location: 87 Grove St. Sample Description: Work Order: 15F0265

Date Received: 6/4/2015

Field Sample #: MW-101S Sampled: 6/2/2015 15:00

Sample ID: 15F0265-02

Sample Matrix: Ground Water

Sample Flags: RL-05

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromobenzene	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Bromochloromethane	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Bromodichloromethane	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Bromoform	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Bromomethane	ND	50	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Carbon Tetrachloride	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Chlorobenzene	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Chlorodibromomethane	ND	12	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Chloroethane	ND	50	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Chloroform	ND	50	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Chloromethane	ND	50	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
2-Chlorotoluene	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
4-Chlorotoluene	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,2-Dibromoethane (EDB)	ND	12	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Dibromomethane	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,2-Dichlorobenzene	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,3-Dichlorobenzene	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,4-Dichlorobenzene	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Dichlorodifluoromethane (Freon 12)	ND	50	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,1-Dichloroethane	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,2-Dichloroethane	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,1-Dichloroethylene	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
cis-1,2-Dichloroethylene	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
trans-1,2-Dichloroethylene	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,2-Dichloropropane	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,3-Dichloropropane	ND	12	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
2,2-Dichloropropane	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,1-Dichloropropene	ND	50	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
cis-1,3-Dichloropropene	ND	10	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
trans-1,3-Dichloropropene	ND	10	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Hexachlorobutadiene	ND	12	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Methylene Chloride	ND	120	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,1,1,2-Tetrachloroethane	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,1,2,2-Tetrachloroethane	ND	12	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Tetrachloroethylene	58	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,2,3-Trichlorobenzene	ND	50	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,2,4-Trichlorobenzene	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,1,1-Trichloroethane	110	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,1,2-Trichloroethane	ND	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Trichloroethylene	2500	25	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Trichlorofluoromethane (Freon 11)	ND	50	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
1,2,3-Trichloropropane	ND	50	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR
Vinyl Chloride	ND	50	µg/L	25		SW-846 8260C	6/8/15	6/9/15 4:11	CMR

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

Project Location: 87 Grove St. Sample Description: Work Order: 15F0265

Date Received: 6/4/2015

Field Sample #: MW-101S Sampled: 6/2/2015 15:00

Sample ID: 15F0265-02

Sample Matrix: Ground Water

Sample Flags: RL-05

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.9	70-130		6/9/15 4:11
Toluene-d8	100	70-130		6/9/15 4:11
4-Bromofluorobenzene	90.3	70-130		6/9/15 4:11

con-test® ANALYTICAL LABORATORY

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

Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
15F0265-01 [MW-101D]	B123593	0.25	5.00	06/08/15
15F0265-02 [MW-101S]	B123593	0.2	5.00	06/08/15

con-test® ANALYTICAL LABORATORY

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B123593 - SW-846 5030B										
Blank (B123593-BLK1)				Prepared & Analyzed: 06/08/15						
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	1.0	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
Carbon Tetrachloride	ND	1.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.40	µg/L							
trans-1,3-Dichloropropene	ND	0.40	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	2.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*24.5*		µg/L	25.0		98.1	70-130			
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	*22.6*		µg/L	25.0		90.4	70-130			

con-test® ANALYTICAL LABORATORY

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B123593 - SW-846 5030B											
LCS (B123593-BS1)				Prepared & Analyzed: 06/08/15							
Bromobenzene	9.64	1.0	µg/L	10.0		96.4	70-130				
Bromochloromethane	10.7	1.0	µg/L	10.0		107	70-130				
Bromodichloromethane	9.84	1.0	µg/L	10.0		98.4	70-130				
Bromoform	10.6	1.0	µg/L	10.0		106	70-130				
Bromomethane	6.26	2.0	µg/L	10.0		62.6	40-160			L-14, V-20	†
Carbon Tetrachloride	10.4	1.0	µg/L	10.0		104	70-130				
Chlorobenzene	9.89	1.0	µg/L	10.0		98.9	70-130				
Chlorodibromomethane	9.00	0.50	µg/L	10.0		90.0	70-130				
Chloroethane	11.3	2.0	µg/L	10.0		113	70-130				
Chloroform	9.85	2.0	µg/L	10.0		98.5	70-130				
Chloromethane	7.47	2.0	µg/L	10.0		74.7	40-160			V-20	†
2-Chlorotoluene	10.2	1.0	µg/L	10.0		102	70-130				
4-Chlorotoluene	9.19	1.0	µg/L	10.0		91.9	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.0	2.0	µg/L	10.0		100	70-130				
1,2-Dibromoethane (EDB)	10.0	0.50	µg/L	10.0		100	70-130				
Dibromomethane	10.2	1.0	µg/L	10.0		102	70-130				
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130				
1,3-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130				
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130				
Dichlorodifluoromethane (Freon 12)	7.98	2.0	µg/L	10.0		79.8	40-160				†
1,1-Dichloroethane	10.0	1.0	µg/L	10.0		100	70-130				
1,2-Dichloroethane	10.0	1.0	µg/L	10.0		100	70-130				
1,1-Dichloroethylene	9.27	1.0	µg/L	10.0		92.7	70-130				
cis-1,2-Dichloroethylene	9.93	1.0	µg/L	10.0		99.3	70-130				
trans-1,2-Dichloroethylene	9.44	1.0	µg/L	10.0		94.4	70-130				
1,2-Dichloropropane	10.3	1.0	µg/L	10.0		103	70-130				
1,3-Dichloropropane	10.1	0.50	µg/L	10.0		101	70-130				
2,2-Dichloropropane	8.79	1.0	µg/L	10.0		87.9	70-130				
1,1-Dichloropropene	10.6	2.0	µg/L	10.0		106	70-130				
cis-1,3-Dichloropropene	10.0	0.40	µg/L	10.0		100	70-130				
trans-1,3-Dichloropropene	10.4	0.40	µg/L	10.0		104	70-130				
Hexachlorobutadiene	10.7	0.50	µg/L	10.0		107	70-130				
Methylene Chloride	10.3	5.0	µg/L	10.0		103	70-130				
1,1,1,2-Tetrachloroethane	10.4	1.0	µg/L	10.0		104	70-130				
1,1,2,2-Tetrachloroethane	9.82	0.50	µg/L	10.0		98.2	70-130				
Tetrachloroethylene	10.0	1.0	µg/L	10.0		100	70-130				
1,2,3-Trichlorobenzene	12.0	2.0	µg/L	10.0		120	70-130				
1,2,4-Trichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130				
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130				
1,1,2-Trichloroethane	9.65	1.0	µg/L	10.0		96.5	70-130				
Trichloroethylene	10.1	1.0	µg/L	10.0		101	70-130				
Trichlorofluoromethane (Freon 11)	9.98	2.0	µg/L	10.0		99.8	70-130				
1,2,3-Trichloropropane	10.7	2.0	µg/L	10.0		107	70-130				
Vinyl Chloride	13.0	2.0	µg/L	10.0		130	70-130				
Surrogate: 1,2-Dichloroethane-d4	*25.5*		µg/L	25.0		102	70-130				
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.4	70-130				
Surrogate: 4-Bromofluorobenzene	*23.3*		µg/L	25.0		93.2	70-130				

con-test® ANALYTICAL LABORATORY

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

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B123593 - SW-846 5030B											
LCS Dup (B123593-BSD1)				Prepared & Analyzed: 06/08/15							
Bromobenzene	9.99	1.0	µg/L	10.0		99.9	70-130	3.57	20		
Bromochloromethane	11.1	1.0	µg/L	10.0		111	70-130	3.95	20		
Bromodichloromethane	10.7	1.0	µg/L	10.0		107	70-130	8.75	20		
Bromoform	11.3	1.0	µg/L	10.0		113	70-130	6.60	20		
Bromomethane	7.50	2.0	µg/L	10.0		75.0	40-160	18.0	20	V-20	†
Carbon Tetrachloride	10.8	1.0	µg/L	10.0		108	70-130	3.69	20		
Chlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	3.67	20		
Chlorodibromomethane	9.24	0.50	µg/L	10.0		92.4	70-130	2.63	20		
Chloroethane	12.3	2.0	µg/L	10.0		123	70-130	8.83	20		
Chloroform	10.4	2.0	µg/L	10.0		104	70-130	5.72	20		
Chloromethane	8.72	2.0	µg/L	10.0		87.2	40-160	15.4	20	V-20	†
2-Chlorotoluene	10.5	1.0	µg/L	10.0		105	70-130	3.38	20		
4-Chlorotoluene	9.29	1.0	µg/L	10.0		92.9	70-130	1.08	20		
1,2-Dibromo-3-chloropropane (DBCP)	9.91	2.0	µg/L	10.0		99.1	70-130	1.30	20		
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.0		106	70-130	6.20	20		
Dibromomethane	10.4	1.0	µg/L	10.0		104	70-130	0.971	20		
1,2-Dichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130	1.35	20		
1,3-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	1.07	20		
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	0.693	20		
Dichlorodifluoromethane (Freon 12)	8.68	2.0	µg/L	10.0		86.8	40-160	8.40	20		†
1,1-Dichloroethane	10.2	1.0	µg/L	10.0		102	70-130	2.08	20		
1,2-Dichloroethane	10.4	1.0	µg/L	10.0		104	70-130	4.11	20		
1,1-Dichloroethylene	9.93	1.0	µg/L	10.0		99.3	70-130	6.87	20		
cis-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	1.40	20		
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102	70-130	7.54	20		
1,2-Dichloropropane	10.8	1.0	µg/L	10.0		108	70-130	4.17	20		
1,3-Dichloropropane	10.5	0.50	µg/L	10.0		105	70-130	3.30	20		
2,2-Dichloropropane	9.13	1.0	µg/L	10.0		91.3	70-130	3.79	20		
1,1-Dichloropropene	11.1	2.0	µg/L	10.0		111	70-130	4.14	20		
cis-1,3-Dichloropropene	10.6	0.40	µg/L	10.0		106	70-130	5.54	20		
trans-1,3-Dichloropropene	11.1	0.40	µg/L	10.0		111	70-130	5.85	20		
Hexachlorobutadiene	11.1	0.50	µg/L	10.0		111	70-130	3.86	20		
Methylene Chloride	11.1	5.0	µg/L	10.0		111	70-130	7.84	20		
1,1,1,2-Tetrachloroethane	10.9	1.0	µg/L	10.0		109	70-130	4.49	20		
1,1,2,2-Tetrachloroethane	9.65	0.50	µg/L	10.0		96.5	70-130	1.75	20		
Tetrachloroethylene	10.8	1.0	µg/L	10.0		108	70-130	7.32	20		
1,2,3-Trichlorobenzene	12.3	2.0	µg/L	10.0		123	70-130	2.64	20		
1,2,4-Trichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130	0.551	20		
1,1,1-Trichloroethane	10.7	1.0	µg/L	10.0		107	70-130	4.78	20		
1,1,2-Trichloroethane	10.3	1.0	µg/L	10.0		103	70-130	6.52	20		
Trichloroethylene	10.6	1.0	µg/L	10.0		106	70-130	4.63	20		
Trichlorofluoromethane (Freon 11)	10.9	2.0	µg/L	10.0		109	70-130	9.18	20		
1,2,3-Trichloropropane	10.3	2.0	µg/L	10.0		103	70-130	4.20	20		
Vinyl Chloride	12.7	2.0	µg/L	10.0		127	70-130	2.33	20		
Surrogate: 1,2-Dichloroethane-d4	*25.6*		µg/L	25.0		102	70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*23.0*		µg/L	25.0		92.2	70-130				

con-test® ANALYTICAL LABORATORY

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

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.
	No results have been blank subtracted unless specified in the case narrative section.
L-14	Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.
RL-05	Elevated reporting limit due to high concentration of target compounds. MA CAM reporting limit not met.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

con-test® ANALYTICAL LABORATORY

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Bromochloromethane	CT,NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	CT,NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	CT,NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	CT,NY,ME
2,2-Dichloropropane	CT,NH,NY,ME
1,1-Dichloropropene	CT,NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Hexachlorobutadiene	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
1,2,3-Trichlorobenzene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME

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	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

15F0265

Rev 04.05.12

39 Spruce Street
East longmeadow, MA 01028

RWB

Company Name: Tata & Howard
Address: 67 Forest St.
Marlborough, MA 01752
Attention: Jim DeAngelis
Project Location: 87 Bron St.
Sampled By: Jim DeAngelis

Telephone: 508-303-9400
Project # 3969
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ☒ WEBSITE
Fax #
Email:
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

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

ANALYSIS REQUESTED

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	Halogenated VOCs by 8260	# of Containers	** Preservation	***Container Code
01	MW-101 D	6-2-15	2:10		X	GW		X			
02	MW-101 S	6-2-15	3:00		X	GW		X			

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:

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:
[signature]	6-2-15 / 500
Received by: (signature)	Date/Time:
[signature]	6-2-15 / 500
Relinquished by: (signature)	Date/Time:
[signature]	6-3-15
Received by: (signature)	Date/Time:
Tom Mair	6/4/15 0908

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

Detection Limit Requirements
Massachusetts: RCGW-1
Connecticut:
Other:

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

NELAC & AIHA-LAP, LLC Accredited
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 INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Tom Mair 6/4/15 1715 [signature] 3.1 6/4/15 1715

Table of Contents

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

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Tata and Howard **RECEIVED BY:** JDL **DATE:** 6/4/15

1) **Was the chain(s) of custody relinquished and signed?** **Yes** **No** **No CoC Included**
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 3.1

5) **Are there Dissolved samples for the lab to filter?** **Yes** **No**
   Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** **Yes** **No**
   Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** 19

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

8) **Do all samples have the proper Acid pH:** **Yes** **No** **N/A** _____
9) **Do all samples have the proper Base pH:** **Yes** **No** **N/A** _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** **Yes** **No** **N/A**

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		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		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below	6	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl 6 # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved

Time and Date Frozen:

Doc# 277
Rev. 4 August 2013

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	T	
21) Samples do not require splitting or compositing.	T	

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** JDL **Date/Time:** 6/4/15 1715

Table of Contents

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 15F0265
Project Location: 87 Grove St.	RTN:

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

15F0265-01 thru 15F0265-02

Matrices: Water

CAM Protocol (check all that below)

8260 VOC CAM II A (X)	7470/7471 Hg CAM IIIB ( )	MassDEP VPH CAM IV A ( )	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 ( )	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

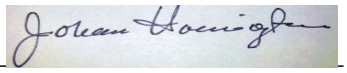
G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

***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: Manager, Laboratory Reporting

Printed Name: Johanna K. Harrington

Date: 06/11/15

Appendix E

TATA & HOWARD

TATA & HOWARD

October 8, 2015

Mr. Jeffrey D. Nutting
Town Administrator
355 East Central Street, Route 140
Franklin, MA 02038

Subject: Permanent Solution with Conditions - Partial
87 Grove Street
Franklin, Massachusetts
RTN 2-16694, T&H No. 3969

Dear Mr. Nutting:

The purpose of this letter is to notify you that a "Permanent Solution with Conditions - Partial" (PSC-P) has been submitted to the Massachusetts Department of Environmental Protection (MassDEP) for a portion of the property located at 87 Grove Street in Franklin, Massachusetts ("Site"). The Site is the location of a release of chlorinated volatile organic compounds (CVOCs), polycyclic aromatic hydrocarbons (PAHs), and metals to the environment from historical uses.

Tata & Howard (T&H) is of the opinion that a condition of No Significant Risk has been achieved for a portion of the disposal site located south of Mine Brook. This portion of the Site is the subject of the PSC-P and was primarily used for parking. The sources of the release, which are the former manufacturing operations at other areas of the Site, have been terminated and CVOCs are not present in the monitoring wells located within the portion of the disposal site at concentrations above laboratory method reporting limits. Therefore, T&H is of the opinion that the requirements for a PSC-P have been met for this portion of the disposal site in accordance with the MCP and that additional remedial actions are not required.

In addition, an Activity and Use Limitation is not required to maintain the condition of No Significant Risk. However, there is a Condition associated with this PSC-P, which is that if a building is constructed is this area a vapor barrier and active sub slab depressurization system may be necessary.

Tata & Howard
67 Forest Street | Marlborough, MA 01752
T: 508-303-9400 | F: 508-449-9400
www.tataandhoward.com

Other Offices
MA | NH | CT | ME | VT | AZ

This report may be reviewed on the MassDEP's website at: http://public.dep.state.ma.us/SearchableSites/Search.asp or by contacting T&H at (508) 303-9400.

Please contact the undersigned if you have questions or require additional information regarding this letter.

Sincerely,

TATA & HOWARD, INC.

Jonathan R. O'Brien, LEP, LSP
Senior Hydrogeologist

c: D. McKearney, R.S., Health Director, Health Department

TATA & HOWARD

OFFICE LOCATIONS:
MA | NH | CT | ME | VT | AZ

800-366-5760
www.tataandhoward.com