PHASE I INITIAL SITE INVESTIGATION REPORT

RTN: 4-3024519 &
4-19944
3 Philipps Road
Holbrook, Massachusetts

Former Holbrook Chemical Corporation

WOODARD &CURRAN

woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS

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218390.01

June 2009

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EXECUTIVE SUMMARY

Woodard & Curran, Inc. (W&C) has prepared this Phase I Initial Site Investigation (ISI) Report on behalf of TLA-Holbrook LLC for the disposal site assigned Release Tracking Number (RTN) 4-3024519 by the Massachusetts Department of Environmental Protection (MassDEP) and addressed at 3 Philipps Road in Holbrook (the "Site"). TLA-Holbrook is under a lease with the Town of Holbrook to construct and operate a municipal solid waste transfer station at the Site, with the Town retaining ownership of the property. The purpose of the ISI was to compile and evaluate data for the preliminary assessment of a release of oil and/or hazardous materials (OHM) at the Site and to support the Tier Classification in accordance with the Massachusetts Contingency Plan (MCP; 310 CMR 40.0000).

The Site was acquired by the Town of Holbrook through tax title in June 2005. Historical information regarding the history of the Site is limited. Based on available information, the Site was initially owned by the Portland Chemical Works who sold the Site to the Holbrook Chemical Corporation in the 1960's. Holbrook Chemical Corporation stored, processed, and sold various chemicals commercially. The property was taken by the Town of Holbrook through tax title in June 2005. Falvey Steel Castings, Inc. (Falvey), a tenant on the property, currently utilizes the Site for storage of industrial stone grinding castings.

The Massachusetts Department of Environmental Protection (DEP) was notified of a reportable release (RTN 4-3024519) at the Site by the current tenant on the property, Falvey, in December 2004, when lead, beryllium, bis(2-Ethylhexyl)phthalate and C11-C22 Aromatic Hydrocarbons were detected in soil samples collected during a limited due diligence investigation in August 2004.

The Massachusetts Department of Environmental Protection (DEP) was notified of a reportable release (RTN 4-19944) at the Site by the Town of Holbrook on July 3, 2007, when methylene chloride, trichloroethene, hexachlorobenzene, bis(2-ethylhexyl)phthalate, endrin aldehyde, C11-C-22 aromatic hydrocarbons, 1,4-dichlororbenzene, 1,2,4-trichlorobenzene, 4,4'-DDT, 4,4'-DDE, and arsenic were detected in soil samples collected during a limited supplemental due diligence investigation in March 2006. It is the intention to link RTN 4-19944 to RTN 4-3024519 as a result of tier classification submittal.

The chemicals of concern at the Site include chlorobenzene compounds, bis(2-ethylhexyl)phthalate, C11-C22 aromatic hydrocarbons, 4'4' DDT, arsenic and trichloroethene found in the shallow (0-4' below ground surface) soils within the aboveground storage tank farm (Chemical Silo Area) where chemicals stored in ten (10) ASTs ranging in size of 5,000 to 10,000 gallons were stored, mixed and blended into products manufactured by the former Holbrook Chemical Corporation.

Laboratory analysis of groundwater samples obtained at the Site has reported no detectable concentrations in exceedance of the applicable GW-1 Method 1 Groundwater Standards.

1. INTRODUCTION

Woodard & Curran, Inc. (W&C), on behalf of the TLA-Holbrook LLC (TLAH), has prepared this Phase I Initial Site Investigation (ISI) Report for the disposal site identified by the Massachusetts Department of Environmental Protection (MassDEP) as Release Tracking Number (RTN) 4-302519 and 4-19944, which is associated with a release of heavy metals, volatile organic hydrocarbons (VOCs), and extractable aromatic hydrocarbons, and pesticides in soil above applicable MCP Reportable and Method 1 Standards at the industrial/commercial property addressed at 3 Philipps Road in Holbrook, Massachusetts.

From 1960 to approximately 1998, the subject property was owned by the Holbrook Chemical Corporation and operated as a chemical storage, processing, and sales company. Prior to 1960 the subject property was owned by the Portland Chemical Works. The Holbrook Chemical Corporation abandoned the property in the late 1990s and the Town took the land through tax title in June 2005. The Site is now occupied by Falvey Steel, Inc. TLA-Holbrook is under a lease with the Town of Holbrook to construct and operate a municipal solid waste transfer station at the Site, with the Town retaining ownership of the property.

Industrial process or the storage of large quantities of chemicals does not currently occur at the property. Between December 2004 and June 2009, subsurface investigation activities were conducted at the property. Results indicate that the concentrations of metals, VOCs, pesticides, extractable petroleum hydrocarbons present are present in soil above applicable Method 1 Standards. Imminent Hazards have not been identified at the disposal site.

Since further response actions are necessary to address release conditions at the Site, the Massachusetts Contingency Plan (MCP; 310 CMR 40.0000) at 310 CMR 40.0501, requires that a Tier Classification Submittal be submitted to bring the Site into compliance with the MCP. Accordingly, this Phase I ISI Report has been prepared for the Site in accordance with 310 CMR 40.0480. The purpose of the ISI is to compile and evaluate data collected from a preliminary assessment of the OHM release at the property and to support Tier Classification of the Site. Copies of the required notices to the local officials are included as **Appendix C**.

2. GENERAL DISPOSAL SITE INFORMATION

2.1 SITE LOCATION

The subject property is located at 3 Philipps Road in Holbrook, Massachusetts (herein referred to as the Site). The property is an 11-acre parcel of land. The coordinates of the property are 42° 9' 7"N latitude, 71' 1' 39" longitude. The Universal Transverse Mercator (UTM) coordinates are 4668632 Northing and 332475 Easting in Zone 19. **Figure 1** provides a Site Locus on a portion of the USGS Survey quadrangle map depicting 500 foot and ½-mile radii around the subject property. **Figure 2** is a Site Plan.

2.2 SURROUNDING LAND USE

The Site and immediate surrounding properties are classified as industrial warehouse properties. Nearby properties are residentially, commercially, and industrially developed. The nearest human receptors are residents living west of the Site along Centre Street. Notably, the Baird & McGuire EPA Superfund Site abuts the Site to the south-southeast. No institutions, which are defined as hospitals, health care facilities, orphanages, nursing homes, convalescent homes, educational facilities, or correctional facilities that provide overnight housing, were identified within 500 feet of the subject property during site reconnaissance conducted in June 2009.

2.3 ENVIRONMENTAL SETTING AND NATURAL RESOURCES

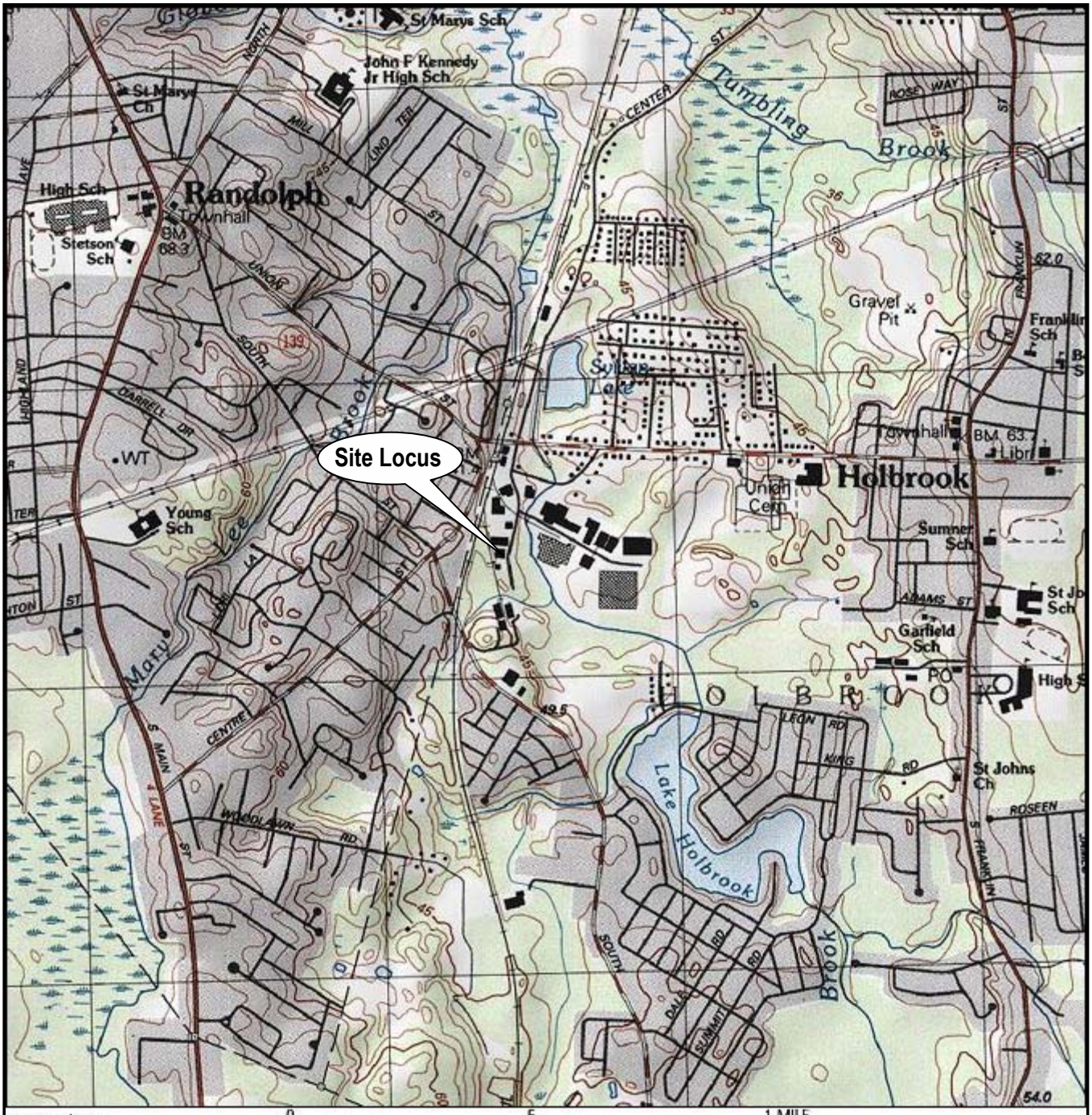
The Massachusetts Geographic Information System (MassGIS) Site Scoring Map (provided as **Appendix D**) was reviewed for information pertaining to the location of natural resources located within 500 feet of the subject properties. According to the Site Scoring Map and confirmed during site reconnaissance, the southern and western portion of the Site contains filled and unfilled freshwater wetlands draining to the Cochato River that flows to the north in the vicinity of the eastern boundary of the Site.

The subject property is also situated within an Interim Wellhead Protection Area (IWPA). The IWPA is related to several unused, but not abandoned, Holbrook municipal water supply wells located within the boundaries of the Baird & McGuire Federal Superfund Site. The municipal water supply wells have not been used for over 30 years due to water quality issues but have not been officially abandoned by the Town.

The Site is not situated within any other areas designated as drinking water supplies (Zone II areas, Zone A areas, and/or Potentially Productive Aquifers). However, medium and high yield aquifers are depicted within 500 feet east of the Site. Protected open space areas, Areas of Critical Environmental Concern (ACEC), EPA Sole Source Aquifers, Certified Vernal Pools, habitats of Species of Special Concern, or habitats of Threatened or Endangered Species are not located within a 500-foot radius of the subject property. There are no known private drinking water wells in the vicinity of the Site.

2.4 ON-SITE WORKERS AND RESIDENTIAL POPULATION

The Site is currently occupied by Falvey Steel Castings for storage of metal cast grinding equipment. On-site workers are limited to 10 or less. Based on the USGS information presented on **Figure 2** and verified by Site reconnaissance, approximately 100 residential homes are located within ½ mile of the Site. Assuming 3 people per residential property, the population within a ½-mile radius of the Site is estimated at 300 residents.



Base Map Source:
TOPO!™ © 2000
Wildflower Productions

LAT: 42°09'07.36"
LONG: 71°01'39.66"

DES.BY:	DR.BY: MES	CK.BY: DC

3 Philipps Road
Holbrook, MA 02343

FIGURE 1
SITE LOCUS

SCALE: AS SHOWN	JOB NO.: 218390.00
DATE: JUNE 2009	FILE NAME:

COMMITMENT & INTEGRITY
DRIVE RESULTS
WOODARD & CURRAN
980 Washington St, Suite 325
Dedham, MA 02026
T: 800.446.5518

DISPOSAL SITE BOUNDARY

MW-1
MW-2
MW-3
MW-4 (NO WELL)
MW-5
MW-6
M-7I/WD
M-7SD
SAB-1
SAB-2
SAB-3B
SAB-4
SAB-5
B-1
B-2
B-3
B-4
B-5
S-1
S-7
S-8
S-9
S-10
S-11
S-12
S-13
S-14
S-15
S-17

LOT 3
11.0 ACRES
N/F
HOLBROOK CHEMICAL CORP
BOOK 3867 PAGE 416
PLAN REF: FILED AS NO. 1062 OF
1960 PLAN BOOK 209

LOT 130-1
N/F
ANN BAIRD

LOT 130-2
N/F
BAIRD AND McGUIRE

LOT 2
N/F
McNAMARA/NEWHALL TRUST

LOT 1

LOT 12
N/F
FANMAR TRUST

N/F
MASS BAY TRANSIT AUTHORITY

CENTERLINE OF R. R. TRACKS

EXISTING RAILROAD TRACKS

EXISTING 60' RIGHT OF WAY

PHILIPPS ROAD

MEAR ROAD

COCHATO RIVER

PAINTBALL BLDG.

#391

#364

#370

BUILDING

EXISTING STRUCTURE

EXISTING PAVEMENT

EXISTING ±14,500 S.F. PROCESSING BUILDING FF= 133.15

EXISTING ABOVE GROUND PIPING

SILO CONTAINMENT AREA

GRASS

GRAVEL

GRAVEL ROAD

EXISTING CHAIN LINK FENCE

STREAMS

STANDING WATER ELEV. 131.6 MAY 2006

EXISTING QUARRY FACE

20' WATER MAIN EASEMENT, TOWNS OF RANDOLPH & HOLBROOK

APPROX. LOC. OF 12" WATER MAIN CAPPED & FILLED WITH CONCRETE

APPROX. 500 FOOT RESIDENTIAL OFFSET

CON. RET. WALL T.O.W.= 128.6 B.O.W.= 125.0

TREE LINE (TYP.)

CROSSING GATES AND SIGNALS

SIGNAL BOXES

(PUBLIC 50')

S.M.H. RIM= 125.59 INV= 110.8

S.M.H. RIM= 122.54 INV= 111.24

36" RCP SEWER

STEEL GUARD RAIL ON CONC. BRIDGE

FLOW

LEGEND

- PROPERTY BOUNDARY
- FENCE
- MW-1 MONITORING WELL LOCATION AND IDENTIFER
- B-1 SOIL BORING LOCATION AND IDENTIFIER

0 100 200

SCALE IN FEET

980 WASHINGTON STREET, SUITE 325
DEDHAM, MASSACHUSETTS 02026
800.446.5518 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

SITE PLAN

DESIGNED BY:
DRAWN BY: EVR
CHECKED BY: DC
Figure 2.dwg

TRANSLOAD AMERICA HOLBROOK
SOLID WASTE TRANSFER STATION

MAP 19 LOT 3
3 PHILIPPS ROAD
HOLBROOK, MASSACHUSETTS

JOB NO: 218390
DATE: JUNE 2009
SCALE: AS NOTED

FIGURE 2

2.5 SITE SOIL AND GROUNDWATER CATEGORIES

This section identifies and documents the soil and groundwater categories applicable to the Site, as described in 310 CMR 40.0930. The soil and groundwater categories are considered as general indicators of the potential for exposure to OHM in these media.

2.5.1 Soil Categories

The MCP specifies three soil categories (S-1, S-2, and S-3). Category S-1 soil represents the highest potential for exposure because it assumes unrestricted use of the soil (i.e., residential), whereas Category S-3 soil represents the lowest potential for exposure.

The subject property is zoned for industrial and commercial use; therefore, current Site use renders the soil located at depths of 0-15 feet as S-2. However, future potential use could be residential; therefore, for the purposes of this report, soils located at depths of 0-15 feet are classified as S-1 under future conditions. Soils located greater than 15 feet or underneath the existing buildings are assumed to be isolated and, as such, are classified as S-3.

2.5.2 Groundwater Categories

The MCP has established three categories for groundwater, which may apply to a specified volume of groundwater at the Site or to an aquifer taken as a whole. These groundwater categories were established to classify groundwater associated within the following three distinct types of exposures:

- GW-1 applies to groundwater assumed to be a potential source of drinking water.
- GW-2 applies to groundwater considered to be a potential source of vapors that could migrate through the subsurface and concentrate in indoor air of on-site buildings.
- GW-3 applies to groundwater that is assumed to discharge to surface water.

The Site is situated within an area identified as an IWPA; therefore, groundwater at the property is identified as a current drinking or potential source of drinking water. Therefore, groundwater is classified as GW-1.

The MCP requires that groundwater be classified as GW-2 if it is located within 30 feet of an existing occupied building or structure, and the average annual depth to groundwater in that area is 15 feet or less. Groundwater has been measured in Site groundwater monitoring wells installed across the Site at relatively shallow depths (i.e., less than 15 feet below ground surface). Therefore, groundwater within 30 feet of occupied buildings is considered a potential source of vapors to indoor air and is classified as GW-2. Currently the Falvey Steel Castings office building is the only occupied building on the Site.

All groundwater in the Commonwealth is classified as GW-3, which assumes that groundwater will ultimately migrate and discharge to a surface water body. In this case, wetlands containing surface water are located at the Site.

3. SITE MAPS

3.1 DISPOSAL SITE AND PROPERTY BOUNDARIES

In accordance with Section 310 CMR 40.0006 of the MCP, the term "disposal site" is used to refer to a place or area where an uncontrolled release of oil and/or hazardous material from or at a site has come to be located. At this Site, the disposal site boundary is limited to the portion of the Site where historical chemical storage and mixing operations conducted by the former Holbrook Chemical Corporation occurred in the central portion of the Site. The approximate horizontal limits of the disposal site boundary (to the extent it has been defined by assessments conducted to date) are shown on **Figure 2**.

3.2 DISPOSAL SITE LAYOUT

The disposal site is currently located within the central portion of the Site property. A description of the Site is presented below and features, including the location of buildings, are presented on **Figure 2**.

The Site is currently improved with four mixed use buildings (commercial/industrial) buildings. The buildings include[1]:

- An approximately 14,500-square foot former chemical processing building.
- An approximately 2,200-square foot former mixing building.
- An approximately 1,600-square foot three-bay garage building.
- An approximately 2,200-square foot office building (currently occupied by Falvey Steel).

An aboveground tank farm (Chemical Silo Area) is also situated in the central portion of the Site. The tank farm contains 10 aboveground storage tanks (ASTs) ranging in volumes of 10,000 to 20,000 gallons. The tank farm is enclosed by a concrete and earthen berm structure. The tanks appear to be empty but may still contain OHM utilized by the Holbrook Chemical Corporation. An asphalt paved drive way accesses all Site buildings and tank farm area. However, the pavement is in poor condition. The remaining drive way areas are unpaved. The remaining portions of the Site are wetland or wooded areas. Decommissioned railroad tracks run north-south within the wooded area at the western portion of the Site.

[1] Square footage of Site buildings was determined utilizing the Site plan developed by Hardy Engineering of Weymouth, Massachusetts (Site Plan, 3 Philipps Street, Holbrook, Massachusetts. Created 4/26/2006)

4. DISPOSAL SITE HISTORY

4.1 OWNER/OPERATOR AND OPERATIONS HISTORY

The Site was acquired by the Town of Holbrook through tax title in June 2005. Historical information regarding the history of the Site is limited. Based on available information, the Site was initially owned and operated by the Portland Chemical Works. In 1960, the Site was purchased by the Holbrook Chemical Corporation, which manufactured chemicals on-site until approximately 1998. Holbrook Chemical Corporation stored, processed, and sold various chemicals commercially. Sometime prior to 1982, Philipp Brothers Chemicals, Inc. began operating the Holbrook Chemical Corporation. The Holbrook Chemical Corporation abandoned the property in the late 1990s and the property was taken by the Town of Holbrook through tax title in June 2005. TLA-Holbrook is under a lease with the Town of Holbrook to construct and operate a municipal solid waste transfer station at the Site, with the Town retaining ownership of the property.

Based on a review of available correspondence concerning the 1982 renewal of the Holbrook Chemical Corporation's permit to store flammable fluids, the Holbrook Chemical Corporation was permitted to store 157,800 gallons of flammable liquids on-site. These liquids were either stored in drums (62,000-gallon total capacity) or in ten bulk aboveground storage tanks ranging in size from 10,000 gallons to 20,000 gallons (134,000–gallon total capacity).

The bulk storage tanks are located within an earthen bermed area (Chemical Silo Area) located south of the former "Mixing Building". The raw chemicals would be transported to the property using a railroad spur located along the western side of the property. The chemicals would be off-loaded into the bulk storage tanks via a piping manifold system. The chemical manufacturing would take place in the "Mixing Building" located north of the Chemical Silo Area, where the chemicals from the bulk storage tanks would be piped to, and blended within, to produce the manufactured product. A "chemical dry well", located between the Chemical Silo Area and the "Mixing Building" was identified in the historical correspondence. This would appear to be the approximate location of the soil sample taken in 2004 by Nangle Consulting Associates, Inc. which resulted in the original DEP site notification.

During the 1982-1983 period, chemicals stored in the Chemical Silo Area included:

- Tributoxy Ethyl Phosphate
- Acetone
- Dibutyl Phthalate
- Dioctyl Adipate
- Dioctyl Phthalate
- Glacial Acetic Acid
- Glycol Ethers
- Isopropyl Alcohol
- Methyl Ethyl Ketone

During the same time period, chemicals stored on-site in drums included:

- Acetone
- Ethyl Alcohol
- N. Butyl Acetate

- N. Butyl Alcohol
- Ethyl Acetate
- Toluene
- Xylene
- Tetrahydrofuran
- Propylene Oxide
- Isobutyl Acetate
- Isobutyl Alcohol
- Methanol
- Methyl Ethyl Ketone
- Methyl Isobutyl Ketone
- Triethylamine
- Glycol Ethers
- Cyclohexanone
- 2 Ethyl Hexanol
- Formic Acid
- Formalin
- Phenol Solution
- Ethylene Glycol
- Plasticizers (Epoxy)
- Plasticizers (Tallate)
- Glycerine
- Hexylene Glycol
- Triethanolamine
- Isophorone
- Plasticizers (Phosphate)
- Propylene Glycol
- Methyl Salicylate

The Holbrook Chemical Corporation/Philipp Brothers Chemicals, Inc. abandoned the subject property in the late 1990s. Falvey currently utilizes the Site for storage of industrial stone grinding castings. Sanborn Fire Insurance Maps for the Town of Holbrook do not cover the Site area.

4.2 RELEASE HISTORY

Information available from the MassDEP's Sites/Reportable Releases Lookup database (http://www.mass.gov/dep/bwsc/sites/report.htm) was used to identify releases in the area. Review of this database indicates that two release tracking numbers (RTNs) exist for the Site, 4-3024519 and 4-19944. RTN 4-19944 is being linked to RTN 4-3024519 upon submission of this report to MassDEP. No releases, other than the release conditions assigned to the RTNs noted above, have been documented for the Site area. The release history summaries for RTN 4-3024519 and 4-19944 are presented below.

4.2.1 RTN 4-3024519

The Massachusetts Department of Environmental Protection (DEP) was notified of a reportable release at the Site by the current operator of the Site, Falvey Steel Castings, Inc., in December 2004, when lead, beryllium, bis(2-Ethylhexyl)phthalate and C11-C22 Aromatic Hydrocarbons were detected in soil

samples collected by Nangle Consulting Associates, Inc. during a limited due diligence investigation in August 2004 prior to a pending transfer of property ownership. Based on the reportable concentrations, Three Philipps Road, LLC (prospective purchaser at the time) withdrew from the Purchase and Sale agreement and provided the results from the due diligence assessment to both the owner (Holbrook Chemical) and current operator (Falvey Steel Castings, Inc.). Based upon the notification date associated with RTN 4-3024519, the disposal site is currently classified as a Tier 1D site by the DEP.

The reportable concentrations (RCs) detected in August 2004 are summarized below (results reported in milligrams per kilogram [mg/kg]). Given the location of the Site within a current drinking water resource area (i.e., IWPA), the appropriate category for soil that required MassDEP notification is RCS-1:

- Bis (2-Ethylhexyl)phthalate (13,000 and 140,000 mg/kg) was detected in soil contained within a manhole structure behind the former mixing building and near an exterior piping/valve station behind the former mixing building, respectively. The RCS-1 is 200 mg/kg.
- Beryllium (1.2 mg/kg) was detected in a soil sample obtained at the Site. It is assumed that the sample was obtained near the exterior piping/valve station behind the former mixing building as the location is not stated in any documentation available to Woodard & Curran. At the time of notification, the RCS-1 was 0.7 mg/kg. The current RCS-1 standard is 100 mg/kg.
- Lead (450 mg/kg) was detected in soil in the manhole structure behind the former mixing building. The RCS-1 is 300 mg/kg.
- C11-C22 Aromatic Hydrocarbons (5,830 mg/kg) were detected in soil within the manhole structure behind the former mixing building. At the time of notification, the RCS-1 was 200 mg/kg. The current RCS-1 standard is 1,000 mg/kg.

These reportable concentrations were reported to DEP on December 24, 2004, by Falvey Steel Castings, a tenant on the property at the time and are the result of historical operations at the site when the Holbrook Chemical Co. operated on the property. At the time of notification, RTN 3-024519 was assigned to the disposal site. However, MassDEP implemented regional boundary changes in May 2006 and re-assigned the current RTN referenced in this report. The disposal site is currently not in compliance with the MCP as the Tier Classification deadline of December 24, 2005 has passed without the tier classification submittal being made to DEP.

4.2.2 RTN 4-19944

The Massachusetts Department of Environmental Protection (DEP) was notified of a reportable release at the Site by the Town of Holbrook on July 3, 2007, when methylene chloride, trichloroethene, hexachlorobenzene, bis(2-ethylhexyl)phthalate, endrin aldehyde, C11-C-22 aromatic hydrocarbons, 1,4-dichlororbenzene, 1,2,4-trichlorobenzene, 4,4'-DDT, 4,4'-DDE, and arsenic were detected in soil samples collected during a limited supplemental due diligence investigation in March 2006. Pentachlorophenol was detected at an estimated concentration of 4.8 micrograms per liter (µg/L) in the groundwater sample obtained from monitoring well MW-1. The pentachlorophenol concentration is reported by the laboratory as "estimated" due to the concentration being slightly below the laboratory's method detection limit for the compound. Pentachlorophenol was not detected in soil samples collected at the Site and in other Site groundwater monitoring wells. Therefore, the presence of pentachlorophenol in groundwater is unlikely. This release is currently designated as an unclassified Tier 1D disposal site by the MassDEP as the notification was made by the Town of Holbrook in accordance with the municipal exemption provisions of the MCP.

The reportable concentrations (RCs) detected in June 2006 are summarized below. Given the location of the Site within current drinking water resource area (i.e., Interim Wellhead Protection Area or IWPA), the appropriate category for soil and groundwater categories that required MassDEP notification is RCS-1:

- Methylene chloride (0.310 mg/kg) was detected in a soil sample obtained from boring MW-1 north of the largest Site building in the central portion of the Site. The RCS-1 is 0.1 mg/kg.
- Trichloroethene (1.7 mg/kg) was detected in a soil sample obtained from boring S-13 north of the former mixing building in the central portion of the Site. The RCS-1 is 0.3 mg/kg.
- Hexachlorobenzene (1.4 mg/kg) was detected in a soil sample obtained from boring S-7 completed along the southern exterior of the site garage building. The RCS-1 is 0.7 mg/kg.
- Bis (2-Ethylhexyl)phthalate (4,600 mg/kg) was detected in a soil sample obtained from boring S-10 completed within the aboveground storage tank farm containment area. The RCS-1 is 100 mg/kg.
- Endrin Aldehyde (52 mg/Kg) was detected in a soil sample obtained from boring S-9 completed in the roadway between the site garage building and aboveground storage tank farm within the aboveground storage tank containment area. The RCS-1 is 10 mg/kg.
- C11-C22 aromatic hydrocarbons were detected in a soil sample obtained from boring S-7 and S-10 (259 mg/kg and 1,310 mg/kg, respectively). The RCS-1 is 200 mg/kg.
- 1,4-dichlororbenzene was detected in a soil sample obtained from boring S-7 (1.3 mg/kg). The RCS-1 is 0.7 mg/kg.
- 1,2,4-trichlororbenzene was detected in a soil sample obtained from boring S-7 (6.8 mg/kg). The RCS-1 is 2 mg/kg.
- 4,4'-DDT was detected in a soil sample obtained from boring S-7 (47 mg/kg). The RCS-1 is 3 mg/kg.
- 4,4'-DDE was detected in a soil sample obtained from boring MW-1 (12 mg/kg). The RCS-1 is 3 mg/kg.
- Arsenic (52 mg/kg) was detected in a soil sample obtained from boring S-11 completed within the aboveground storage tank containment area. The RCS-1 is 30 mg/kg.

4.3 OHM USE, STORAGE, AND WASTE MANAGEMENT HISTORY

A review of available documents at the Town of Holbrook municipal offices was conducted by Woodard & Curran on March 21, 2006. The following is a brief summary of the available documentation regarding OHM use, storage, and waste management history at the Town of Holbrook municipal offices.

Board of Health

- February 7, 1982 complaint regarding old tank farm and request for information from Town.
- February 19, 1982 letter from Philipp Bros. Chemicals, Inc. to Town indicating that the facility was not a generator of hazardous wastes. However, an EPA Notification of Hazardous Waste Activity Form (Form 8700-12) was attached indicating Holbrook Chemical transported F007 and F009 hazardous wastes in 1980.
- March 5, 1982 letter from Town Board of Selectman to Holbrook Chemical forwarding 12 recommendations to achieve compliance including: 1) provide fencing, labeling, and containment structures; 2) install steel mesh to close off the front of the acetic acid shed; 3) provide labels and signs on ASTs; 4) provide containment around the ASTs and piping, acid shed, diesel fuel storage area; 5) provide plan of structures; 6) test all USTs; 7) provide emergency procedures plan; 8) install 3 wells; 9) provide chemical inventory; 10) provide annual waste inventory; 11) apply for license to transport hazardous waste; and 12) address fire control and alarm systems.

- March 17, 1982 letter from Philipp Bros. Chemicals, Inc. to the Fire Department requesting an extension to assess the recommendations of the Fire Department.
- April 23, 1982 letter from Town to Town Clerk indicating amendment to license for Holbrook Chemical as follows:

Bulk	Class A	38,320 gallons
	Class B	19,160 gallons
	Class C	38,320 gallons
	Total =	95,800 gallons
Drums	Class A	22,000 gallons
	Class B	13,000 gallons
	Class C	27,000 gallons
	Total =	62,000 gallons

Total for Permit = 157,800 gallons

- March 8, 1983, letter from Town Board of Selectman to Holbrook Chemical outlining recommendations made by Conrad M. Jankowski, Ph.D., consultant to the Town of Holbrook, regarding cleanup procedures and preventative measures to be taken for chemical spills or accidents at the Philipp Bros. site. The recommendations were made a requirement of renewal of the Chapter 148 storage permit, which expired on April 30, 1983. Recommendations included installing monitoring wells; testing groundwater for plasticizers, metals, and acids; submittal of waste inventories and disposal reports; submittal of storage tank contents inventory; submittal of flammable inventory; submittal of chemical inventory; installation of alarm system, engineering survey; and installation of secondary containment. A written status report was also requested. There was no further documentation in the files concerning any subsequent status report submittals.
- July 28, 1982 letter from Soils Engineering Services, Inc. to Town transmitting the scope of engineering services involving designing containment systems, surveying, and installation of three (3) groundwater monitoring wells.
- October 21, 1982 letter from Philipp Bros. Chemicals, Inc. to E.J. Flynn Engineers, Inc. regarding plans to analyze groundwater. The chemical tanks reportedly contained the following:

Dibutyl Phthalate
Dioctyl Adipate
Dioctyl Phthalate
Diisodecyl Phthalate
Trixylenyl Phosphate
Tributoxyethylphosphate
Acetic Acid

- April 4, 1983 letter from Conrad M. Jankowski, Ph.D., to Holbrook Selectman regarding safety changes by Philipp Brothers Chemicals, Inc. Reports (not specified in letter) reportedly showed chemical contamination of groundwater samples was “minimal” and in most cases below the detection limits. Quarterly monitoring was recommended along with soil sampling near the tanks. No analytical data was provided.
- November 24, 1991 photographs of tires, piles of clay/silt near the railroad tracks, 11 gallons of used motor oil, abandoned diesel and gasoline pumps, and demolition debris.

- December 3, 1991 Notice to Abate Nuisance issued to Philip Bendheim, Hampden Mathieu Corporation, Philipps Chemical, 1 Philipps Rd, for the items noted during the November 24 inspection. Fencing was also requested to prevent future illegal dumping.
- December 16, 1991 letter from the Town to Hampden Color and Chemical of Springfield, MA (then owner of record for the Site) regarding a recent inspection indicating the property was cleaned up. The address of the Site was identified as 1 Philipps Rd.
- June 15, 1994 letter regarding proposed installation of a street hockey rink on the abandoned property.
- April 13, 2005 Notice of Responsibility (NOR) from MassDEP to Falvey Steel Castings for the detections of various compounds in soil exceeding RCs.

Fire Department

Woodard & Curran met with Lt. Robert Keeman of the Holbrook Fire Department, who provided a file for review. The majority of the documents were correspondence between Town offices and Philipp Bros. Chemical in the early 1980s regarding site operations that were also found at the Board of Health. According to Lt. Keeman, who has been at the Fire Department for approximately 30 years, there are no UST removal records and no records of spills or incidents in the department's files. Records included:

- 1982-1983 inspections noting good housekeeping practices.
- December 29, 1982 report from Soils Engineering Services, Inc. to Philipp Brothers Chemicals, Inc. regarding summary of recent work including groundwater and surface water monitoring and containment system designs. Three (3) groundwater monitoring wells were installed and sampled and two surface water samples were collected from the nearby stream. The capacity of the 5 tanks was identified as 67,000 gallons and the storage capacity of the bermed areas was 23,000 gallons, indicating flow over would occur should failure of the tanks occur. Improvements were to be installed around the tanks and piping area. A "chemical drywell" was referenced to exist south of the acid mixing building, within the piping area. The inflow to this well was allowed to infiltrate into the soil and a pump system was recommended. No analytical results were provided in the report.
- March 17, 1983 chemical inventory quarterly report. Chemicals in the ASTs included glacial acetic acid (3,880 gallons), dioctyl phthalate (5,020 gallons), dioctyl adipate (1,458 gallons) and 70% acetic acid (1,627 gallons). The remaining ASTs were listed as empty. Total drum storage was identified as 47,690 gallons of various compounds including acetates, alcohols, ketones, plasticizers, and lubricants.
- 1984-1994 fire sprinkler inspections.
- February 16, 1987 Notification of Underground Storage Tanks from Holbrook Chemical Corporation indicating one 7,500-gallon diesel UST estimated to be 25 years old. The UST was re-lined in 1982. The location was not identified.
- August 27, 1987 letter from Town to Phillip Brothers Chemicals Inc. indicating non receipt of groundwater monitoring reports and non response of company to requests for information.
- December 1, 1987 Emergency Procedures Plan for Holbrook Chemical Corporation.
- 1987 inspection noted good housekeeping and a permit for flammable liquids (issued in April 1987).
- January 1, 1990 Site Plan for Holbrook Chemical indicating Class A flammables in the garage, Class C liquids, including liquid cyanides, in the central portion of the mixing building and Class B liquids in the western portion of the mixing building. Liquid corrosives (acids) were stored in

the shed to the northwest of the mixing building. Dry corrosives, liquid oxidizers, dry oxidizers, and dry cyanide were stored in the main warehouse. A chemical inventory list was attached to the site plan detailing the specific types of chemicals.

- 1990 Contingency Plan for Holbrook Chemical Works, members of the Mathieu Group.
- Undated Hazmat Facility Profile for Philipps Bros. Chemical (Holbrook Chemical) indicated the corporate owner was Mathieu Corp of Riverdale, NJ and substances included formaldehyde, hydrazine, nitric acid, potassium cyanide, sodium cyanide, and sulfuric acid.
- Undated chemical inventory for Mathieu Corporation indicating product descriptions, packaging, bulk on hand, total stock, and total available quantities of substances.
- Undated permit to maintain existing UST facility from Town to Holbrook Chemical Corporation.
- December 3, 1991 letter from Town to Mathieu Corporation of Riverdale, NJ indicating revocation of all licenses to Holbrook Chemical Corporation, with the exception of the 7,500-gallon heating oil UST.
- 1996 inspection noted homeless people inside the building using a gasoline-powered generator. A letter was sent to Hampden Color of Springfield, MA notifying them of the situation.
- 1997 application for permit to store oxygen and acetylene tank for Peterson Products at 1 Philipps Road.

Current OHM Use, Storage, and Waste Management History

The current OHM use and storage at the Site is limited to personal automobiles parked at the Site during normal business hours and an unknown quantity of residual chemical sludges contained in the 10 ASTs located in the Chemical Silo Area.

4.4 ENVIRONMENTAL PERMITS AND COMPLIANCE HISTORY & POTENTIALLY RESPONSIBLE PARTIES

Release Tracking Numbers 4-3024519 and 4-19944 are associated with the release of OHM detected in soil and groundwater at the Site. Release notification for RTN 4-3024519 was initially made in December 2004 and release notification for RTN 4-19944 was made on July 3, 2007. To date, tier classification has not occurred for either RTN; therefore, the disposal site has been given a Tier 1D unclassified status designation by MassDEP. RTN 4-19944 will subsequently be linked to RTN 4-3024519 (mother RTN) upon the submission of this report and tier classification. The MassDEP has identified the Town of Holbrook as the PRP and under the terms of a lease with the Town, TLA-Holbrook LLC, as a future operator of the Site, will perform comprehensive response actions under RTN 4-3024519, as an "Any Other Person".

5. SITE INVESTIGATION ACTIVITIES

Site investigation activities were performed at the Site. These investigations were conducted by Nangle Consulting Associates, Inc. (NCA) of Canton, Massachusetts in August 2004 and W&C in March 2007 and June 2009. Activities completed in 2004 and 2007 are summarized in Sections 5.1 and 5.2 below. For ease of review, the boring logs and laboratory analytical certificates are provided separately and are included in **Appendix E** and **F**, respectively.

5.1 NANGLE CONSULTING ASSOCIATES INC. INVESTIGATION- AUGUST 2004

On August 16, 2004, NCA completed a limited subsurface evaluation that included soil borings, the installation of groundwater monitoring wells, and the sampling of soil within a manhole structure and piping valve station behind the former Site mixing building. Elevated levels of bis(2-ethylhexyl)phthalate, lead, beryllium, and C11-C22 aromatic hydrocarbons were detected in the samples collected from the Site structures. These limited analytical results have been previously summarized in Section 4.2.1 of this report. Based upon the results, concentrations of bis(2-ethylhexyl)phthalate and lead exceed the most stringent applicable Method 1 S-1/GW-1 standards.

5.2 WOODARD & CURRAN ENVIRONMENTAL SITE ASSESSMENT REPORT– JUNE 15, 2006

An environmental site assessment (ESA) was conducted by Woodard & Curran to further investigate the baseline environmental quality of soil and groundwater at the Site through the installation of soil probes and groundwater monitoring wells. The field investigation methods and procedures included: pre-field activities; soil probe advancement and soil sampling; monitoring well installation and development; and groundwater gauging and sampling. These activities are summarized below.

Soil Sampling

W&C subcontracted with Geologic-Earth Exploration, Inc. of Norfolk, Massachusetts to advance 12 soil borings (S-1, S-5, S-7 through S-15, and S-17) at the Site on March 8, 2006. Soil borings were advanced using a Geoprobe® 5400 DT direct push track rig to depths ranging from 1 to 12 feet below ground surface (bgs). The locations of the borings are depicted on **Figure 2**. The rationale for establishing the boring locations is provided below:

- Boring S-1: assess soil near the Site office building;
- Boring S-5: assess soil upgradient of the aboveground tank farm;
- Boring S-7: assess soil downgradient from the Site garage;
- Borings S-8 through S-15: assess soil at the tank farm; and
- Boring S-17: assess soil downgradient of the former gasoline underground tanks as noted in the review of files available at the Holbrook Fire Department.

Continuous soil samples were collected and screened with a total organic vapor monitor (OVM) at 4-foot intervals. Shallow (0-4 feet) and deep (4-8 feet) soil samples were collected from the acetate liner of the Geoprobe® Macrocore sampler, transferred into laboratory supplied containers, and packed on ice.
A total of 16 soil samples were submitted to New England Testing Laboratory (NET Lab) of East Providence, Rhode Island for analysis on a standard turnaround time basis for one or more of the following compounds:

TABLE 1

GROUNDWATER ELEVATION DATA - MARCH 15, 2006

3 Philipps Road

Holbrook, MA

Well ID	DTW (feet)	TOC EL (feet)	GW EL (feet)
MW-1	10.42	104.72	94.30
MW-2	7.33	98.01	90.68
MW-3	4.87	94.05	89.18
MW-5	7.68	98.67	90.99
MW-6	6.28	97.45	91.17
M-7SD	9.30	100.15	90.85
M-7/TWB	8.80	99.66	90.86

Notes:

DTW = Depth to water measured from top of well casing.

TOC EL = Top of well elevation measured from inside top of casing.

GW EL = Groundwater elevation.

Benchmark (top of hydrant) assumed at 100.00 feet.

- Volatile Organic Compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260;
- Semi-Volatile Organic Compounds (SVOCs) by USEPA Method 8270C;
- Volatile Petroleum Hydrocarbons (VPH) including target compounds by DEP Method VPH-04-1;
- Extractable Petroleum Hydrocarbons (EPH) including target Polynuclear Aromatic Hydrocarbons (PAHs) by DEP Method EPH-04-1;
- Polychlorinated Biphenyls (PCBs) by USEPA Method 8082;
- Organochlorine Pesticides by USEPA Method 8081;
- Total Resource Conservation and Recovery Act (RCRA) 8 metals including Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Silver, and Selenium by USEPA Methods 6010B/7000/7471A; and
- Dioxins by USEPA Method 8280.

Groundwater Sampling

Woodard & Curran subcontracted with Geologic-Earth Exploration, Inc. of Norfolk, Massachusetts to install three (3) groundwater monitoring wells (MW-1, MW-2, and MW-4) at the Site on March 9, 2006. Wells MW-3, MW-5, and MW-6 are existing wells shown on **Figure 2** that were installed prior to 2006 by unknown parties. Well MW-1 was installed to assess upgradient groundwater quality and well MW-2 was installed to assess groundwater quality near the Site garage building. Well MW-4 was to be installed downgradient of the former mixing building and UST; however, only wells MW-1 and MW-2 were installed. Well MW-4 could not be installed due to refusal of the drilling equipment on large cobbles at 10 feet below ground surface (bgs), which prevented the augers from reaching the groundwater table to allow for installation of the well.

Wells MW-1 and MW-2 were constructed of 2-inch diameter schedule-40 PVC casing with a screen slot size of 0.02 inches. A sand pack was placed in the borehole's annular space and extended to several feet below ground surface and above the well screen. A bentonite seal was place above the sand pack and the wells were completed with either a flush-mounted road box (MW-2) or a 3 foot tall standpipe (MW-1). One soil sample was collected from the split spoon sampler for select laboratory analyses from each of the 3 groundwater monitoring well borings.

On March 10, 2006, wells MW-1 and MW-2 were developed by over-pumping with a whale pump to remove sediment and enhance the hydraulic connection between the wells and the aquifer. Three well volumes were purged from well MW-1 and 14 well volumes were purged from well MW-2. Purge water from wells MW-1 and MW-2 contained sediment, which was mostly removed during development evidenced by decreasing turbidity of the purge water over time. No sheens or odors were noted in the purge water from the monitoring wells during development.

On March 15, 2006, after groundwater conditions were allowed to stabilize, the depth to groundwater was measured to determine the groundwater elevation, and the Site's groundwater flow direction in each of the new and existing monitoring wells. The depth to groundwater in each monitoring well was measured with an electronic water level probe. The depth to groundwater in each monitoring well was measured from the top of PVC casing. Water levels were measured to the nearest 0.01 foot. Groundwater depths and groundwater elevations, relative to an assumed benchmark, are presented in **Table 1**.

As indicated above, the higher groundwater elevations were observed in the wells located on the western portions of the property and decreased going easterly across the property. This condition suggests an easterly groundwater flow direction across the Site toward the Cochato River and is consistent with surface topography and groundwater flow reported on the adjacent Baird & McGuire property.

A groundwater sample was collected from each of the on-site monitoring wells, including the existing wells MW-3, MW-5, MW-6, MW-7SD and MW-7TWB, with a peristaltic pump using modified low flow sampling methodology. Samples were collected in pre-preserved containers provided by the analytical laboratory. Samples were packed on ice and submitted to NET Lab for analysis for one or more of the following compounds:

- VOCs by USEPA Method 8260B;
- VPH including target compounds by MassDEP Method VPH-04-1;
- EPH including target PAHs by MassDEP Method EPH-04-1;
- Dissolved RCRA 8 metals including Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Silver, and Selenium by USEPA Methods 6010B/7000/7471A. Dissolved metals samples were field filtered through a 0.45-micron groundwater filter prior to being preserved;
- Organochlorine Pesticides by USEPA Method 8081; and
- Semi-Volatile Organic Compounds (SVOCs) by USEPA Method 8270C.

Sampling Results

The results of Woodard & Curran's March 8 and 9, 2006 soil sampling and March 15, 2006 groundwater sampling are summarized below and in **Tables 2** and **3**, respectively. The laboratory analytical reports are provided in **Appendix F**.

Soil

No indications of contamination, such as staining or odors, were noted in soil and no elevated headspace readings were recorded with the photoionization detector (PID) in soil screened during the March 2006 ESA. On-site soils generally consisted of fine to coarse sand and gravel with cobbles. Refusal, due either to encountering bedrock or large cobbles, was encountered at several probe locations at depths ranging from 1 to 8 feet below ground surface (bgs). Approximately 1 to 10 feet of fill material consisting of a mixture of sand and gravel with some coal ash was found in probes S-7 through S-15 and S-17.

Low, i.e. less than MCP Reportable Concentrations, concentrations of volatile organic compounds, semi-volatile organic compounds, extractable petroleum hydrocarbons, pesticides and total metals were detected in several of the soil samples analyzed. Based upon the results, the following soil samples contained oil and /or hazardous waste (OHM) concentrations that exceed the most stringent applicable Method 1 S-1/GW-1 standards:

- 1,4-dichlorobenzene (1.3 mg/Kg), 1,2,4-trichlorobenzene (6.8 mg/Kg), Hexachlorobenzene (1.4 mg/Kg), and arsenic (24 mg/Kg) were detected in the shallow (0-4 feet bgs) soil sample from probe S-7.
- Bis(2-Ethylhexyl)phthalate (4,600 mg/Kg) and C11-C22 Aromatic Hydrocarbons (1,310 mg/Kg) were detected in the S-10 probe sample taken from a depth of 0-4 feet bgs.
- Trichloroethene was detected at a concentration of 1.7 mg/Kg in a soil sample obtained from probe S-13 at a depth of 0-4 feet bgs.

TABLE 2

CONCENTRATION OF CONTAMINANTS DETECTED IN SOIL - MARCH 2006

3 Philipps Road

Holbrook, Massachussets

Sample Location Identifier: Date: Sample Depth (Feet bgs):	Method 1 Cleanup Std. (S-1/GW-1)	Method 1 Cleanup Std. (S-2/GW-1)	Method 3 UCL	S-1 3/8/2006 0-4	S-5 3/8/2006 0-4	S-7 3/8/2006 0-4	S-8 3/8/2006 0-4	S-8 3/8/2006 4-8	S-9 3/8/2006 0-4	S-9 3/8/2006 4-8	S-10 3/8/2006 0-4	S-11 3/8/2006 0-4	S-11 3/8/2006 4-8
Volatile Organic Compounds (mg/Kg)													
Chloromethane	NS	NS	NS	<0.032	<0.030	NA	<0.039	<0.034	<0.041	<0.047	<0.028	<0.048	<0.046
Bromomethane	0.5	0.5	7000	<0.032	<0.030	NA	<0.039	<0.034	<0.041	<0.047	<0.028	<0.048	<0.046
Methylene Chloride	NS	NS	7000	<0.032	<0.030	NA	<0.039	<0.034	<0.041	<0.047	<0.028	<0.048	<0.046
Tetrachloroethene	1.0	1.0	5000	<0.032	<0.030	NA	<0.039	<0.034	<0.041	<0.047	<0.028	<0.048	<0.046
Trichloroethene	0.3	0.3	5000	<0.032	<0.030	NA	0.200	<0.034	<0.041	<0.047	<0.028	<0.048	0.063
Benzene	2	2	2000	<0.032	<0.030	NA	<0.039	<0.034	<0.041	<0.047	<0.028	<0.048	<0.046
m & p-Xylene	400	400	2000	<0.063	<0.059	NA	<0.078	<0.068	<0.083	<0.094	<0.057	0.061	<0.093
Toluene	30	30	10000	<0.032	<0.030	NA	<0.039	<0.034	<0.041	<0.047	<0.028	0.097	<0.046
Chlorobenzene	1	1	10000	<0.032	<0.030	NA	<0.039	<0.034	<0.041	<0.047	<0.028	<0.048	<0.046
Volatile Petroleum Hydrocarbons (mg/Kg)													
Benzene	2	2	2000	<0.3	NA	NA	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Ethylbenzene	40	40	10000	<0.3	NA	NA	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Methyl-tert-butyl ether	0.1	0.1	5000	<0.3	NA	NA	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Naphthalene	4	4	10000	<1	NA	NA	<1	<1	<1	<1	<1	<1	<1
Toluene	30	30	10000	<0.3	NA	NA	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Xylenes-mixed isomers	400	400	2000	<0.6	NA	NA	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
C5-C8 Aliphatic Hydrocarbons	100	500	500	<3.0	NA	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
C9-C12 Aliphatic Hydrocarbons	1000	3000	20000	<3.0	NA	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
C9-C10 Aromatic Hydrocarbons	100	300	5000	<3.0	NA	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Semivolatile Organics (mg/Kg)													
Phenol	1	1	10000	0.190	0.180	0.240	0.260	0.220	0.170	0.170	0.260	0.270	0.240
Benzoic acid	NS	NS	NS	<0.770	<0.750	<0.820	<0.810	<0.800	0.084	<0.790	<0.850	<0.760	<0.850
4-Methylphenol	NS	NS	NS	<0.051	<0.050	0.056	<0.054	<0.053	<0.051	<0.053	<0.057	<0.051	<0.057
1,4-Dichlorobenzene	0.7	0.7	2000	<0.051	<0.050	**1.3**	<0.054	<0.053	<0.051	<0.053	<0.057	<0.051	<0.057
2,6-Dinitrotoluene	NS	NS	NS	<0.051	<0.050	<0.055	<0.054	<0.053	<0.051	<0.053	<0.057	<0.051	<0.057
2-Methylnaphthalene	0.7	0.7	10000	<0.051	<0.050	0.073	<0.054	<0.053	<0.051	<0.053	<0.057	<0.051	0.064
Benzo(a)anthracene	7	40	100	<0.051	<0.050	<0.055	<0.054	<0.053	<0.051	<0.053	0.062	<0.051	<0.057
Naphthalene	4	4	10000	<0.051	<0.050	<0.055	<0.054	<0.053	<0.051	<0.053	<0.057	<0.051	<0.057
Benzo(b)fluoranthene	7	40	100	<0.051	<0.050	<0.055	<0.054	<0.053	<0.051	<0.053	<0.057	<0.051	0.075
Hexachlorobenzene	0.7	5	30	<0.051	<0.050	**1.4**	<0.054	<0.053	<0.051	<0.053	<0.057	<0.051	<0.057
1,2,4-Trichlorobenzene	2	2	10000	<0.051	<0.050	**6.8**	<0.054	<0.053	<0.051	<0.053	<0.057	<0.051	<0.057
4-Bromophenyl phenyl ether	NS	NS	NS	<0.051	<0.050	<0.055	<0.054	0.088	<0.051	<0.053	<0.057	<0.051	<0.057
Butyl benzyl phthalate	NS	NS	NS	<0.051	<0.050	<0.055	0.089	<0.053	0.230	<0.053	<0.057	<0.051	<0.057
Di-n-octyl phthalate	NS	NS	NS	<0.150	<0.150	<0.160	<0.160	<0.160	<0.150	<0.160	<0.170	<0.150	<0.170
Di-n-Butylphthalate	NS	NS	NS	0.420[1]	0.230[1]	0.330[1]	0.420[1]	0.560[1]	0.420[1]	0.230[1]	0.320[1]	0.210[1]	0.380[1]
Chrysene	70	400	400	<0.051	<0.050	<0.055	<0.054	<0.053	<0.051	<0.053	<0.057	<0.051	0.070
Pyrene	1,000	3000	10000	<0.051	<0.050	<0.055	<0.054	<0.053	<0.051	<0.053	0.065	<0.051	0.081
Phenanthrene	10	10	10000	<0.051	<0.050	0.064	<0.054	<0.053	<0.051	<0.053	<0.057	<0.051	0.110
Fluoranthene	1000	3000	10000	<0.051	<0.050	<0.055	<0.054	<0.053	<0.051	<0.053	0.083	<0.051	0.088
bis(2-Ethylhexyl)phthalate	200	700	10000	0.270[1]	0.550[1]	5.3[1]	0.530[1]	0.270[1]	1.100[1]	0.270[1]	**4600[1]**	5.2[1]	0.500[1]

TABLE 2

CONCENTRATION OF CONTAMINANTS DETECTED IN SOIL - MARCH 2006

3 Philipps Road

Holbrook, Massachussets

Sample Location Identifier:	Method 1 Cleanup Std.	Method 1 Cleanup Std.	Method 3 UCL	S-1	S-5	S-7	S-8	S-8	S-9	S-9	S-10	S-11	S-11
Date:				3/8/2006	3/8/2006	3/8/2006	3/8/2006	3/8/2006	3/8/2006	3/8/2006	3/8/2006	3/8/2006	3/8/2006
Sample Depth (Feet bgs):	(S-1/GW-1)	(S-2/GW-1)		0-4	0-4	0-4	0-4	4-8	0-4	4-8	0-4	0-4	4-8
EPH (mg/Kg)													
Naphthalene	4	4	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2-Methylnaphthalene	0.7	7	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Phenanthrene	10	10	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Acenaphthylene	1	1	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Acenaphthene	4	4	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Fluorene	1000	3000	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Anthracene	1000	3000	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Fluoranthene	1000	3000	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Pyrene	1000	3000	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(a)anthracene	7	40	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chrysene	70	400	400	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(b)fluoranthene	7	40	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(k)fluoranthene	70	400	400	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(a)pyrene	2	4	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Indeno(1,2,3-cd)pyrene	7	40	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dibenzo(a,h)anthracene	0.7	4	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(g,h,i)perylene	1000	3000	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
C9-C18 Aliphatic Hydrocarbons	1000	3000	20000	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
C19-C36 Aliphatic Hydrocarbons	3000	5000	20000	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
C11-C22 Aromatic Hydrocarbons	1000	1000	10000	<10.0	<10.0	259	16	<10.0	<10.0	<10.0	**1310**	<10.0	20
Dioxins (ug/Kg)	NS	NS	NS	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs) (mg/Kg)	2	2	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides (ug/Kg)													
4,4'-DDE	3	20	90000	<10	NA	<10	<10	<10	<10	<10	<10	<10	<10
4,4'-DDT	3	20	90000	<10	NA	**47**	<10	<10	<10	<10	<10	<10	<10
Endrin aldehyde	NS	NS	NS	<10	NA	<10	<10	<10	57	<10	<10	<10	<10
Metals (mg/Kg)													
Arsenic	20	20	300	< 0.69	0.79	**24**	4.89	<0.71	<0.67	<0.66	1.30	**52**	4.11
Barium	1000	3000	10000	16	21	32	36	20	23	27	20	19	57
Cadmium	2	30	800	0.41	0.33	0.36	0.51	0.43	0.34	0.46	0.34	<0.34	0.62
Chromium (total)	30	200	10000	6.93	4.69	11	12	5.04	7.26	11	7.51	6.59	5.82
Lead	300	300	6000	5.21	4.49	20	6.93	4.75	5.45	4.28	5.88	58	9.16
Mercury	20	30	600	<0.061	<0.064	<0.071	<0.066	<0.068	<0.069	<0.069	<0.076	<0.059	<0.075
Selenium	400	800	10000	<0.69	<0.66	<0.71	<0.73	<0.71	<0.67	<0.66	<0.68	<0.69	<0.78
Silver	100	200	2000	<0.34	<0.33	<0.36	<0.36	<0.35	<0.34	<0.33	<0.34	<0.34	<0.39

Notes:

Detectable concentrations highlighted in yellow.

Bold Type - Concentration exceeds applicable Method 1 S-1 Cleanup Standard.

NA = Not Analyzed.

ND = None Detected.

NS = No Standard.

[1]Compound reported in blank.

< = Less than minimum reporting limit as indicated by the laboratory.

TABLE 2
CONCENTRATION OF CONTAMINANTS DETECTED IN SOIL - MARCH 2006
3 Philipps Road
Holbrook, Massachussets

Sample Location Identifier: Date: Sample Depth (Feet bgs):	Method 1 Cleanup Std. (S-1/GW-1)	Method 1 Cleanup Std. (S-2/GW-1)	Method 3 UCL	S-12 3/8/2006 0-4	S-12 3/8/2006 4-7	S-13 3/8/2006 0-4	S-14 3/8/2006 0-4	S-15 3/8/2006 0-1	S-17 3/8/2006 0-4	MW-1 3/9/06 0-7	MW-2 3/9/06 5-7	MW-4 3/9/06 5-7
Volatile Organic Compounds (mg/Kg)												
Chloromethane	NS	NS	NS	<0.027	<0.030	<0.031	<0.028	<0.045	NA	0.048	0.030	0.040
Bromomethane	0.5	0.5	7000	<0.027	<0.030	<0.031	<0.028	<0.045	NA	0.100	0.080	0.087
Methylene Chloride	NS	NS	7000	<0.027	<0.030	<0.031	<0.028	<0.045	NA	0.310	<0.023	<0.029
Tetrachloroethene	1.0	1.0	5000	<0.027	<0.030	0.170	<0.028	<0.045	NA	<0.033	<0.023	<0.029
Trichloroethene	0.3	0.3	5000	<0.027	<0.030	**1.7**	<0.028	<0.045	NA	0.150	<0.023	<0.029
Benzene	2	2	2000	<0.027	<0.030	0.035	<0.028	<0.045	NA	<0.033	<0.023	<0.029
m & p-Xylene	400	400	2000	<0.054	<0.059	<0.061	<0.056	<0.090	NA	<0.066	<0.046	<0.058
Toluene	30	30	10000	<0.027	<0.030	<0.031	<0.028	<0.045	NA	<0.033	<0.023	<0.029
Chlorobenzene	1	1	10000	<0.027	<0.030	<0.031	<0.028	<0.045	NA	<0.033	<0.023	0.050
Volatile Petroleum Hydrocarbons (mg/Kg)										NA		
Benzene	2	2	2000	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3		<0.3	<0.3
Ethylbenzene	40	40	10000	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3		<0.3	<0.3
Methyl-tert-butyl ether	0.1	0.1	5000	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3		<0.3	<0.3
Naphthalene	4	4	10000	<1	<1	<1	<1	<1	<1		<1	<1
Toluene	30	30	10000	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3		<0.3	<0.3
Xylenes-mixed isomers	400	400	2000	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6		<0.6	<0.6
C5-C8 Aliphatic Hydrocarbons	100	500	500	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		<3.0	<3.0
C9-C12 Aliphatic Hydrocarbons	1000	3000	20000	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		<3.0	<3.0
C9-C10 Aromatic Hydrocarbons	100	300	5000	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0		<3.0	<3.0
Semivolatile Organics (mg/Kg)									NA			
Phenol	1	1	10000	0.330	0.070	0.210	0.180	0.310		0.170	0.110	0.094
Benzoic acid	NS	NS	NS	<0.820	<0.820	<0.800	<0.770	<0.880		<0.890	<0.750	<0.820
4-Methylphenol	NS	NS	NS	<0.055	<0.055	<0.054	<0.052	<0.059		<0.060	<0.050	<0.054
1,4-Dichlorobenzene	0.7	0.7	2000	<0.055	<0.055	<0.054	<0.052	<0.059		<0.060	<0.050	<0.054
2,6-Dinitrotoluene	NS	NS	NS	<0.055	<0.055	<0.054	<0.052	<0.059		<0.060	<0.050	0.480
2-Methylnaphthalene	0.7	0.7	10000	<0.055	<0.055	<0.054	<0.052	0.075		<0.060	<0.050	<0.054
Benzo(a)anthracene	7	40	100	<0.055	<0.055	<0.054	<0.052	<0.059		<0.060	<0.050	<0.054
Naphthalene	4	4	10000	<0.055	<0.055	<0.054	<0.052	0.075		<0.060	<0.050	<0.054
Benzo(b)fluoranthene	7	40	100	<0.055	<0.055	<0.054	0.160	<0.059		<0.060	<0.050	<0.054
Hexachlorobenzene	0.7	5	30	<0.055	<0.055	<0.054	<0.052	<0.059		<0.060	<0.050	<0.054
1,2,4-Trichlorobenzene	2	2	10000	<0.055	<0.055	<0.054	<0.052	<0.059		<0.060	<0.050	<0.054
4-Bromophenyl phenyl ether	NS	NS	NS	<0.055	<0.055	<0.054	<0.052	0.100		<0.060	<0.050	<0.054
Butyl benzyl phthalate	NS	NS	NS	<0.055	<0.055	<0.054	<0.052	<0.059		<0.060	<0.050	<0.054
Di-n-octyl phthalate	NS	NS	NS	0.610	<0.160	<0.160	<0.150	6.200		<0.180	<0.360	<0.520
Di-n-Butylphthalate	NS	NS	NS	0.350[1]	0.410[1]	0.320[1]	0.190[1]	0.270[1]		0.570[1]	0.360[1]	0.520[1]
Chrysene	70	400	400	<0.055	<0.055	<0.054	0.057	<0.059		<0.060	<0.050	<0.054
Pyrene	1,000	3000	10000	<0.055	<0.055	<0.054	<0.052	<0.059		<0.060	<0.050	<0.054
Phenanthrene	10	10	10000	<0.055	<0.055	<0.054	<0.052	<0.059		<0.060	<0.050	<0.054
Fluoranthene	1000	3000	10000	<0.055	<0.055	<0.054	<0.052	<0.059		0.069	<0.050	<0.054
bis(2-Ethylhexyl)phthalate	200	700	10000	6.600[1]	9.3[1]	4.6[1]	0.800[1]	44.0[1]		1.1[1]	6.4[1]	0.290[1]

TABLE 2

CONCENTRATION OF CONTAMINANTS DETECTED IN SOIL - MARCH 2006

3 Philipps Road

Holbrook, Massachussets

Sample Location Identifier:	Method 1 Cleanup Std.	Method 1 Cleanup Std.	Method 3 UCL	S-12	S-12	S-13	S-14	S-15	S-17	MW-1	MW-2	MW-4
Date:				3/8/2006	3/8/2006	3/8/2006	3/8/2006	3/8/2006	3/8/2006	3/9/06	3/9/06	3/9/06
Sample Depth (Feet bgs):	(S-1/GW-1)	(S-2/GW-1)		0-4	4-7	0-4	0-4	0-1	0-4	0-7	5-7	5-7
EPH (mg/Kg)												
Naphthalene	4	4	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2-Methylnaphthalene	0.7	7	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Phenanthrene	10	10	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Acenaphthylene	1	1	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Acenaphthene	4	4	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Fluorene	1000	3000	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Anthracene	1000	3000	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Fluoranthene	1000	3000	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Pyrene	1000	3000	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(a)anthracene	7	40	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chrysene	70	400	400	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(b)fluoranthene	7	40	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(k)fluoranthene	70	400	400	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(a)pyrene	2	4	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Indeno(1,2,3-cd)pyrene	7	40	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dibenzo(a,h)anthracene	0.7	4	100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(g,h,i)perylene	1000	3000	10000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
C9-C18 Aliphatic Hydrocarbons	1000	3000	20000	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
C19-C36 Aliphatic Hydrocarbons	3000	5000	20000	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	24	<10.0	<10.0
C11-C22 Aromatic Hydrocarbons	1000	1000	10000	150	149	19	<10.0	<10.0	21	19	<10.0	<10.0
Dioxins (ug/Kg)	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs) (mg/Kg)	2	2	100	ND	ND	ND	ND	ND	NA	NA	NA	NA
Pesticides (ug/Kg)												NA
4,4'-DDE	3	20	90000	<10	<10	<10	<10	<10	NA	**12**	<10	
4,4'-DDT	3	20	90000	<10	<10	<10	<10	<10	NA	17	<10	
Endrin aldehyde	NS	NS	NS	<10	73	<10	<10	<10	NA	<10	<10	
Metals (mg/Kg)												
Arsenic	20	20	300	0.67	<0.69	2.52	<0.69	14	3.49	1.04	<0.67	1.25
Barium	1000	3000	10000	32	24	25	35	35	61	34	23	21
Cadmium	2	30	800	0.33	0.35	0.88	0.62	0.85	0.84	0.52	0.47	0.42
Chromium (total)	30	200	10000	12	8.05	3.93	12	16	13	11[1]	7.56[1]	6.6[1]
Lead	300	300	6000	5.15	5.41	11	5.60	16	9.55	23	5.08	10
Mercury	20	30	600	<0.066	<0.060	<0.065	<0.068	<0.081	<0.061	0.062	<0.061	<0.069
Selenium	400	800	10000	<0.67	<0.69	<0.59	<0.69	<0.77	<0.70	<0.74	<0.67	<0.69
Silver	100	200	2000	<0.33	<0.35	<0.29	<0.35	<0.38	<0.35	<0.37	<0.33	<0.35

Notes:

Detectable concentrations highlighted in yellow.

Bold Type - Concentration exceeds applicable Method 1 S-1 Cleanup Standard.

NA = Not Analyzed.

ND = None Detected.

NS = No Standard.

[1]Compound reported in blank.

< = Less than minimum reporting limit as indicated by the laboratory.

TABLE 3
CONCENTRATION OF CONTAMINANTS DETECTED IN GROUNDWATER
3 Philipps Road
Holbrook, Massachussets

Sample Location Identifier: / Date:	MW-1 3/15/2006	MW-2 3/15/2006	MW-3 3/15/2006	MW-5 3/15/2006	MW-6 3/15/2006	MW-7SD 3/15/2006	MW-7TWB 3/15/2006	Method 1 GW-1
Volatile Organic Compounds (mg/L)								
Acetone	0.019	<0.0050	<0.0050	0.0086	<0.0050	<0.0050	<0.0050	3
tert-Butyl methyl ether	0.015	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.07
Trichloroethene	<0.001	<0.0010	<0.0010	<0.0010	0.0026	<0.0010	<0.0010	0.005
Volatile Petroleum Hydrocarbons (mg/L)	NA		NA					
Benzene		<0.005		<0.005	<0.005	<0.005	<0.005	0.005
Ethylbenzene		<0.005		<0.005	<0.005	<0.005	<0.005	0.7
Methyl-tert-butylether		<0.010		<0.010	<0.010	<0.010	<0.010	0.07
Naphthalene		<0.010		<0.010	<0.010	<0.010	<0.010	0.02
Toluene		<0.005		<0.005	<0.005	<0.005	<0.005	1
m&p-Xylenes		<0.010		<0.010	<0.010	<0.010	<0.010	6
o-Xylene		<0.010		<0.010	<0.010	<0.010	<0.010	6
C5-C8 Aliphatic Hydrocarbons		<0.050		0.065	<0.050	<0.050	<0.050	0.4
C9-C12 Aliphatic Hydrocarbons		<0.050		<0.050	<0.050	<0.050	<0.050	1
C9-C10 Aromatic Hydrocarbons		<0.050		<0.050	<0.050	<0.050	<0.050	0.2
Semivolatile Organics (mg/L)								
Benzoic Acid	0.083	<0.025	<0.016	<0.024	<0.025	<0.017	<0.016	10
Pentachlorophenol	**0.0048**[1]	<0.0085	<0.0054	<0.0079	<0.0085	<0.0056	<0.0055	0.001
Benzidine	<0.086	<0.100	<0.065	<0.095	<0.100	<0.067	0.060[1]	0.1
bis(2-Ethylhexyl)phthalate	0.0016	<0.0051	<0.0032	<0.0048	<0.0051	<0.0034	<0.0032	0.006
EPH (ug/L)			NA					
Naphthalene	<1	<1		2	<1	<1	<1	20
2-Methylnaphthalene	<1	<1		1	<1	<1	<1	10
Phenanthrene	<1	<1		<1	<1	<1	<1	50
Acenaphthylene	<1	<1		<1	<1	<1	<1	300
Acenaphthene	<5	<5		<5	<5	<5	<5	20
Fluorene	<5	<5		<5	<5	<5	<5	300
Anthracene	<5	<5		<5	<5	<5	<5	2000
Fluoranthene	<5	<5		<5	<5	<5	<5	200
Pyrene	<5	<5		<5	<5	<5	<5	200
Benzo(a)anthracene	<1	<1		<1	<1	<1	<1	1
Chrysene	<2	<2		<2	<2	<2	<2	2
Benzo(b)fluoranthene	<1	<1		<1	<1	<1	<1	1
Benzo(k)fluoranthene	<1	<1		<1	<1	<1	<1	1
Benzo(a)pyrene	<0.2	<0.2		<0.2	<0.2	<0.2	<0.2	0.2
Indeno(1,2,3-cd)pyrene	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	0.5
Dibenzo(a,h)anthracene	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	0.5
Benzo(g,h,i)perylene	<5	<5		<5	<5	<5	<5	300
C9-C18 Aliphatic Hydrocarbons	<50	<50		<50	<50	<50	<50	1000
C19-C36 Aliphatic Hydrocarbons	<50	<50		<50	<50	<50	<50	5000
C11-C22 Aromatic Hydrocarbons	<50	<50		<50	<50	<50	<50	200
Pesticides (mg/L)	ND	ND	ND	ND	ND	ND	NA	
Dissolved Metals (mg/L)								
Arsenic	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.05
Barium	0.031	0.035	0.072	0.060	0.076	0.065	0.049	2
Cadmium	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005
Chromium (total)	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.1
Lead	<0.005	<0.005	0.007	<0.005	<0.005	<0.005	<0.005	0.02
Mercury	<0.0002	<0.0002	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	0.001
Selenium	0.02	<0.01	0.01	0.01	0.01	<0.01	0.02	0.05
Silver	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.007

Notes:
Yellow highlight denotes detected concentration.
Bold Type - Concentration exceeds the Reportable Concentrations GW-1.
NA = Not Analyzed.
ND = None Detected.
[1]Estimated due to concentration being below laboratory limit.
< = Less than minimum reporting limit as indicated by the laboratory.

- The pesticides 4,4'-DDT (47 mg/Kg) and 4,4'-DDE (12 mg/Kg) were detected in the soil sample obtained from probe S-11 at a depth of 0-4 feet bgs and MW-1 at a depth of 0-7 feet bgs, respectively.

MCP Method I standards have not been established for the VOC methylene chloride and pesticide endrin aldehyde. However, the concentrations detected during the 2006 subsurface investigation exceeded RCS-1 reporting criteria, as previously discussed in Section 4.2.2 of this report. Methylene Chloride, a common laboratory contaminant, was detected in only one soil sample (MW-1) analyzed. No other significant contaminant concentrations were reported in the MW-1 soil sample. Therefore Methylene Chloride is not considered a contaminant of concern at the Site but should be included in future analytical protocols.

Based on the soil sampling completed, it appears that the majority of the soil contamination at the Site is near surface (0-4 feet bgs) and limited to the bermed chemical silo area and the exterior piping/valve station behind the former mixing building. All available evidence indicates that the soil contamination is the result of historical operations at the Holbrook Chemical Co. facility.

Groundwater

No chemical sheens or odors were noted in the purge water from any of the 7 monitoring wells during development or sampling activities. The depth to groundwater varies from approximately 10.42 feet in the western portion of the subject property to approximately 4.87 feet in the eastern portion of the subject property.

Low, i.e. less than MCP Reportable Concentrations, concentrations of volatile organic compounds, volatile petroleum hydrocarbons, semi-volatile organic compounds, extractable petroleum hydrocarbons and dissolved metals were detected in the several of the groundwater samples analyzed. The semi-volatile organic compound and wood preservative/pesticide Pentachlorophenol was detected at an estimated concentration of 4.8 micrograms per liter (µg/L) in the groundwater sample obtained from monitoring well MW-1. The Pentachlorophenol concentration is reported by the laboratory as "estimated" due to the concentration being slightly below the laboratory's method detection limit for the compound. Pentachlorophenol was not detected in soil samples collected at the Site and in other Site groundwater monitoring wells. Therefore, the presence of pentachlorophenol in groundwater is unlikely.

5.3 WOODARD & CURRAN SUPPLEMENTAL SUBSURFACE EVALUATION– JUNE 8-11, 2009

W&C subcontracted with Paul Aldinger and Associates (PAA) of East Providence, Rhode Island to complete 10 soil borings for the purposes of a geotechnical (potential Site development) and environmental investigation. W&C personnel were on-site in order to collect soil samples to gain additional analytical information to further support this Phase I ISI and tier classification. New Hampshire Boring, Inc. of Brockton, Massachusetts, as a subcontractor to PPA, advanced 10 soil borings for the purposes of environmental investigation (B-1, B-2, B-3, B-4, B-5, SAB-1, SAB-2, SAB-3B, SAB-4, and SAB-5) at the Site between June 8, 2009 and June 11, 2009. Soil borings were advanced using a truck-mounted auger rig and track-mounted auger rig to depths ranging from 6 to 14.5 feet below ground surface (bgs). The locations of the borings are depicted on **Figure 2** and completed in order to further assess Site conditions in areas that either had not been previously assessed or needed further assessment.

Continuous soil samples were collected and screened with a PID at 2-foot intervals to a depth of 6 feet bgs at all boring locations. Continuous sampling continued to a depth of 10 feet bgs at borings B-2, B-4,

and B-5. Sampling to a depth of 10 feet bgs was attempted at B-3; however, refusal was encountered and the boring was terminated at 8 feet bgs. Composite soil samples were collected from shallow (0-6 feet) and deep (6-8, and 6-10 feet) soil samples at boring locations B-2, B-4 and B-5 and transferred into laboratory supplied containers, and packed on ice. Composite soil samples were collected from only the shallow (0-6 feet) soil samples at boring locations B-1, SAB-1 (0-4 feet), SAB-2 and SAB-3B. Soil samples collected from borings B-3, SAB-4, and SAB-5 were collected and field screened with a PID only. The maximum PID reading of 7.5 ppmv reported during the soil sampling was reported for a soil sample obtained at a depth of 8-10 feet at boring B-5.

The encountered soils consisted of sand, gravel and cobbles, with refusal encountered at each boring location with the exception of borings SAB-4 and SAB-5. Depth to refusal ranged from 2 to 14 feet below existing ground surface.

A total of 10 soil samples were submitted to Alpha Analytical Laboratories of Westborough, Massachusetts (Alpha) for analysis on a standard turnaround time basis for one or more of the following compounds:

- Volatile Organic Compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260;
- Base/Neutral Extractable Semi-Volatile Organic Compounds (SVOCs) by USEPA Method 8270C;
- Extractable Petroleum Hydrocarbons (EPH) including target Polynuclear Aromatic Hydrocarbons (PAHs) by DEP Method EPH-04-1;
- Organochlorine Pesticides by USEPA Method 8081;
- Total Resource Conservation and Recovery Act (RCRA) 8 metals including Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Silver, and Selenium by USEPA Methods 6010B/7000/7471A; and

Sampling Results

The results of Woodard & Curran's 2009 soil sampling event are summarized in **Table 4** below. The laboratory analytical reports are provided in **Appendix F**. No compounds were detected at a concentration that exceeded an applicable S-1/GW-1 Soil Standard. Matrix interference resulted in several of the reported detection levels (RDL), specifically for 2-methylnaphthalene, acenaphthylene and dibenzo(a,h)anthracene, to exceed the S-1/GW-1 and S-2/GW-1 Soil Standards. Due to poor sample recovery, the composite soil sample from boring B-5 (6-10') was analyzed for high range volatile organic compounds only and although no compounds were detected, the RDLs exceeded the applicable Method 1 Soil Standards.

TABLE 4

CONCENTRATION OF CONTAMINANTS DETECTED IN SOIL - JUNE 2009

3 Philipps Road

Holbrook, Massachusetts

LOCATION	**S-1/**	**S-2/**	**B-4 (0-6')**	**B-4 (6-10')**	**B-2 (0-6')**	**B-2 (6-10')**	**B-5 (0-6')**	**B-5 (6-10')**	**SAB-1 (0-4')**	**SAB-3B (0-6')**	**B-1 (0-6')**	**SAB-2 (0-6')**
SAMPLING DATE	**GW-1**	**GW-1**	**6/8/09**	**6/8/09**	**6/8/09**	**6/8/09**	**6/8/09**	**6/8/09**	**6/8/09**	**6/8/09**	**6/8/09**	**6/8/09**
RCRA Metals (mg/Kg)			NA		NA	NA	NA	NA		NA		NA
Arsenic, Total	20	20		1.7					2.5		2.1	
Barium, Total	1000	3000		27					27		24	
Cadmium, Total	2	30		<0.44					<0.43		<0.42	
Chromium, Total	30	200		20					21		6.9	
Lead, Total	300	300		5.3					8.5		6.2	
Mercury, Total	20	30		<0.09					<0.08		<0.08	
Selenium, Total	400	800		<2.2					<2.1		<2.1	
Silver, Total	100	200		<0.44					0.61		<0.42	
Volatile Organics (Method 8260B) (mg/Kg)			NA	NA					NA			
1,4-Dioxane	0.2	0.2			<0.9	<0.39	<0.52	<30		<0.57	<0.9	<0.62
Acetone	6	6			<0.018	<0.0078	<0.01	<.590		<0.011	<0.018	0.067
1,1,2,2-Tetrachloroethane	0.005	0.005						<0.059				
1,2-Dibromoethane	0.1	0.1						<0.24				
1,2-Dichloropropane	0.1	0.1						<0.21				
4-Methyl-2-pentanone	0.4	0.4						<0.59				
Bromoform	0.1	0.1						<0.24				
cis-1,3-Dichloropropene	0.01	0.01						<0.059				
Dibromochloromethane	0.005	0.005						<0.059				
Methyl tert butyl ether	0.1	0.1						<0.12				
Methylene chloride	0.1	0.1						<0.59				
trans-1,3-Dichloropropene	0.01	0.01						<0.059				
Semi-Volatile - Base/Neutral Extractables					NA	NA			NA			
Benzo(b)fluoranthene	7	40	0.42	<0.38			<0.36	<0.36		<0.36	<0.35	<0.37
Bis(2-Ethylhexyl)phthalate	200	700	<0.72	<0.76			1.3	<0.72		<0.72	7.5	<0.73
Fluoranthene	1000	3000	0.56	<0.38			<0.36	<0.36		<0.36	<0.35	<0.37
Pyrene	1000	3000	0.5	<0.38			<0.36	<0.36		<0.36	<0.35	<0.37

TABLE 4

CONCENTRATION OF CONTAMINANTS DETECTED IN SOIL - JUNE 2009

3 Philipps Road

Holbrook, Massachusetts

LOCATION	S-1/	S-2/	B-4 (0-6')	B-4 (6-10')	B-2 (0-6')	B-2 (6-10')	B-5 (0-6')	B-5 (6-10')	SAB-1 (0-4')	SAB-3B (0-6')	B-1 (0-6')	SAB-2 (0-6')
SAMPLING DATE	**GW-1**	**GW-1**	**6/8/09**	**6/8/09**	**6/8/09**	**6/8/09**	**6/8/09**	**6/8/09**	**6/8/09**	**6/8/09**	**6/8/09**	**6/8/09**
Organochlorine Pesticides (mg/Kg)			ND	NA	ND	NA	ND	NA	NA	ND	ND	NA
Extractable Petroleum Hydrocarbons (EPH) (mg/Kg)					NA	NA			NA	NA		NA
2-Methylnaphthalene	0.7	0.7	<1.79	<0.379			<0.725	<0.362			<0.347	
Acenaphthene	4	4	<1.79	<0.379			<0.725	<0.362			<0.347	
Acenaphthylene	1	1	<1.79	<0.379			<0.725	<0.362			<0.347	
Anthracene	1000	3000	<1.79	<0.379			<0.725	<0.362			<0.347	
Benzo(a)anthracene	7	40	<1.79	<0.379			<0.725	<0.362			<0.347	
Benzo(a)pyrene	2	4	<1.79	<0.379			<0.725	<0.362			<0.347	
Benzo(b)fluoranthene	7	40	<1.79	<0.379			<0.725	<0.362			<0.347	
Benzo(ghi)perylene	1000	3000	<1.79	<0.379			<0.725	<0.362			<0.347	
Benzo(k)fluoranthene	70	400	<1.79	<0.379			<0.725	<0.362			<0.347	
C11-C22 Aromatics, Adjusted	1000	1000	53.5	<7.58			19.4	<7.25			8.45	
C19-C36 Aliphatics	3000	5000	41.4	<7.58			16.1	<7.25			<6.94	
C9-C18 Aliphatics	1000	3000	<35.8	<7.58			<14.5	<7.25			<6.94	
Chrysene	70	400	<1.79	<0.379			<7.25	<0.362			<0.347	
Dibenzo(a,h)anthracene	0.7	4	<1.79	<0.379			<0.725	<0.362			<0.347	
Fluoranthene	1000	3000	<1.79	<0.379			<7.25	<0.362			<0.347	
Fluorene	1000	3000	<1.79	<0.379			<7.25	<0.362			<0.347	
Indeno(1,2,3-cd)Pyrene	7	40	<1.79	<0.379			<7.25	<0.362			<0.347	
Naphthalene	4	4	<1.79	<0.379			<7.25	<0.362			<0.347	
Phenanthrene	10	10	<1.79	<0.379			<7.25	<0.362			<0.347	
Pyrene	1000	3000	<1.79	<0.379			<7.25	<0.362			<0.347	

Notes:

ND - Not detected

NA - Not analyzed

Shaded values denote that although no detected concentration, RDL > S-1/GW-1 and S-2/GW-1 Standards.

6. SITE HYDROGEOLOGICAL CONDITIONS

6.1 SITE TOPOGRAPHY AND DRAINAGE

The land area comprising the Site and disposal site area as currently defined (refer to **Figure 2**) is almost entirely unpaved (with the exception of driveways and Site building footprints). The western portion of the Site is generally flat with some low lying wetland areas. The central and eastern portions of the Site slope to the east-southeast towards the Cochato River.

Since the majority of the Site is unpaved, precipitation events likely result in infiltration and may result in runoff to topographic lows such as the nearby wetlands.

6.2 SITE GEOLOGY AND STRATIGRAPHY

Two main soil units were identified at the Site during subsurface investigations. These units consist primarily of fill atop native materials. The fill layer is encountered at the central and eastern portions of the Site where improvements have occurred and consists of poorly graded sand, gravel, and cobble. The maximum fill thickness is 8 feet. The native materials are generally described as silty sands with varying amounts of fine gravel. The boring logs advanced at the Site are included in **Appendix E.**

6.3 SITE HYDROGEOLOGY

The depth to groundwater at the site occurs within 15 feet of the ground surface and appears to be deepest at the eastern portion of the disposal site (with respect to the local topography), with relative depths to groundwater generally decreasing with increasing distance in a westerly direction across the disposal site. Groundwater flow at the property has not been determined, but is likely to have localized flow components towards the nearest wetland features, with an overall westerly flow corresponding with the flow direction of the Cochato River which is located approximately 200 feet to the east of the eastern Site boundary. Based on the overall topography of the area, proximately of the Cochato River, and measured flow at the Baird & McGuire EPA Superfund Site, groundwater flow is to the east-southeast.

7. MIGRATION PATHWAYS AND EXPOSURE POINTS

7.1 POTENTIAL MIGRATION PATHWAYS

Evidence of and the potential for OHM migration by the soil, groundwater, surface water/sediment, and air pathways are discussed in the following sections. To date, only soil has been determined to provide a confirmed exposure pathway. The majority of contaminants of potential concern (COPCs) detected were in surficial soils (0-4 feet bgs) throughout the disposal Site. Data suggests that groundwater does not provide a potential or likely/confirmed exposure pathway. The other media at the site (surface water/sediments, and air) exhibit varying potential for OHM impacts; however, insufficient data exists to properly fully assess these pathways at this time. Migration pathways and exposure points will be further evaluated as part of Phase II activities. A conceptual Phase II Scope of Work is presented in Section 11.

7.1.1 Soil

Metals, VOCs, SVOCs, pesticides, and extractable petroleum hydrocarbons have been detected in surface soils (0-4 feet bgs) at the disposal site. The Site has historically been utilized for commercial and industrial purposes. Much of the unimproved land consists of exposed soils. The compounds that have been detected in soil may migrate via physical processes such as erosion, wind transport, or through direct contact with humans or animals. These compounds may also migrate downward as a result of precipitation and infiltration, subsequently leaching into groundwater.

7.1.2 Groundwater

To date, the depth to groundwater at the Site occurs within 15 feet of the ground surface, as reported on boring logs and groundwater level measurements recorded at the Site. Groundwater flow at the property has been determined to flow to the east-southeast towards the Cochato River. Based upon the groundwater data collected in 2006, the OHM detected in soil has not been detected in groundwater in significant concentrations that would pose a significant exposure risk. OHM present in groundwater will generally migrate in the direction of groundwater flow. The March 2006 groundwater sampling event resulted in the laboratory reporting an estimated detection of pentachlorophenol in well MW-1. The presence of pentachlorophenol in groundwater is unlikely, as previously discussed in Section 5.2 of this report. Therefore, based on the information provided above, it is unlikely that groundwater serves as a significant migration pathway.

7.1.3 Surface Water and Sediment

OHM may enter surface waters by a number of mechanisms. Most commonly, entry is via direct surface runoff of OHM impacted soils following storms or from erosion. OHM may also enter surface waters from discharge of impacted groundwater. Once in surface water, OHM may migrate in the dissolved fraction or as suspended particles. Information pertaining to concentrations of OHM in surface water and sediment is not known at this time.

Sediments associated with surface water bodies can provide a potential migration pathway for OHM. OHM sorbed to soil particles may migrate directly into sediments during erosion, migration, and deposition of surface soil particles. Also, OHM may sorb onto sediments during interactions with surface water or underlying groundwater. Subsequently sediment particles may migrate with surface water flow and may also be ingested by biota.

Given that the uncovered surface soils where concentrations above the applicable MCP Method I Standards exist are located topographically downgradient of the Site wetlands, it is not expected that the wetlands will be affected by the COPCs detected in the central portion of the Site.

7.1.4 Air

Soil data collected to date show that areas of accessible surface soils which at the Site are impacted by elevated concentrations of COPCs. As such, soil particles may be suspended in air as dust.

Since groundwater category GW-2 currently applies to a volume of groundwater at the Site, groundwater is considered a potential source of vapors to indoor air. However, since the primary COPCs have not been detected in groundwater at significant concentrations, vapor intrusion is unlikely.

7.2 HUMAN RECEPTORS AND EXPOSURE PATHWAYS

In accordance with the Phase I ISI requirements, W&C has considered potential human exposure to OHM through inhalation, dermal contact, and ingestion routes. Currently, the disposal site is utilized at low frequency and intensity due to the current use as a storage area. However, the disposal site consists of exposed soils and access to the properties is unrestricted for on-Site workers. Thus, the primary human receptors at the Site include on-site workers and visitors/trespassers. Additionally, subsurface utility lines (e.g., municipal water easement) are located within the Site; therefore, utility workers may potentially encounter OHM in soil during utility line maintenance and repair.

7.2.1 Dermal Contact

To date, soil sampling efforts have primarily been aimed at characterizing exposed surface soils in areas representing higher exposure potential, such as upaved surfaces within four feet of grade. The data show that concentrations of metals, VOCs, SVOCs, pesticides, and extractable petroleum hydrocarbons are present in these and other areas of accessible soils across the disposal site. As such, dermal (i.e., skin) contact with metals in soil is considered a likely complete exposure pathway.

The potential for direct contact with groundwater beneath the Site is improbable under current conditions, since groundwater within the disposal site boundary (as currently defined) is within an IWPA, but the water supply wells are within the Baird & McGuire Superfund Site and not useable. Due to the relatively shallow water table (i.e., less than 15 feet), it is possible for humans (such as construction or utility workers) to be exposed to groundwater during excavation activities.

7.2.2 Ingestion

Human exposure to OHM through incidental ingestion of surficial soils and airborne soil particles (dust) is possible given that most of the soils at the Site are accessible. Human exposure to OHM in groundwater underlying the Site via ingestion is possible under current and future conditions; however, groundwater has not been determined to provide a significant pathway.

7.2.3 Inhalation

Due to the presence of COPCs in accessible surface soils (refer to Section 7.1.4), humans have the potential to inhale airborne soil particles (dust). Groundwater has not been shown to be affected by the COPCs present in soil. Volatile compounds have been detected in surficial soil at the disposal site;

therefore, exposure via the inhalation of soil vapor within current and future buildings is a potential pathway.

7.3 ECOLOGICAL RECEPTORS

The Site is located in a mixed use area of Holbrook, Massachusetts. Commercial, industrial, and residential properties are located within close proximity to the disposal site. According to MassGIS and confirmed during site reconnaissance, there are no ACECs, Sole Source Aquifers, protected open spaces, or NHESP Priority Habitat of Rare Species/Estimated Habitat of Rare Wildlife present at or near the Site. Freshwater wetlands features are on-Site and within close proximately of the disposal site.

During visits to the Site, it is apparent that wildlife species are likely present at the disposal site. Both wooded and non-wooded areas of the Site likely provide habitat for various species, including songbirds, waterfowl, reptiles, amphibians, rodents, raccoons, squirrels, deer and other species typically present in mixed use areas. The wetlands, although situated outside of the disposal site boundary, likely provide habitat for many aquatic, semi-aquatic and terrestrial receptors such as fish, turtles, snakes, frogs, and wading birds. These species may visit areas within the disposal site. Tree canopy within the disposal site may provide roosting and nesting habitat for a variety of songbirds and small mammals. The potential for ecological receptors to be exposed to site OHM will be evaluated as part of Phase II assessment activities.

8. PRELIMINARY SITE CONCEPTUAL MODEL

In August 2004, March 2006 and June 2009, soil and groundwater investigations were conducted at the Site due to the historical use and storage of various OHM at the Site by Holbrook Chemical Corporation since the 1960's. The results of investigation revealed the presence of reportable concentrations of metals, pesticides, VOCs, and SVOCs, and EPH. Imminent Hazards have not been identified at the Site to date.

Two main soil units were identified at the Site. These units consist primarily of structural fill (sand, gravel, and cobble) fill atop native materials. Evaluation of several classes of compounds noted in previous sections indicates that, only select compounds were detected in significant concentrations in surficial soils. The presence of elevated concentrations of the COPCs in the non-native structural fill layer, suggests the release is likely attributable to historic surficial spills that impacted the upper four feet of soil. Continuous soil jar headspace field screening of 10 borings advanced at the Site lacked evidence of significantly elevated volatile organic constituents.

Subsurface investigations conducted to date indicate that both the horizontal and vertical limits of the disposal site coincide with the area formerly utilized for chemical storage and processing. Groundwater occurs within 15 feet of the ground surface and appears to be deepest at the eastern portion of the disposal site (with respect to local topography), with depths generally decreasing with increasing distance to the west across the disposal Site.

Investigations conducted to date have focused on evaluation of COPC concentrations in surface and subsurface soils, and groundwater. The elevated COPC concentrations in surface soils are subject to migration via physical processes such as erosion or infiltration to groundwater. Groundwater has not been significantly impacted.

The primary human receptors at the Site include daytime workers and visitors/trespassers that may be exposed to COPCs through dermal contact and incidental ingestion of exposed soils, via inhalation of dust particles. Additionally, subsurface utility lines (e.g., municipal water) are located within the disposal site boundaries; therefore, utility workers may potentially encounter OHM in soil during utility line maintenance and repair. Numerous wildlife species are likely present at the Site, including songbirds, waterfowl, reptiles, amphibians, rodents, raccoons, squirrels, and deer. The wetlands and associated waterways likely provide habitat for many aquatic, semi-aquatic and terrestrial receptors such as fish, turtles, snakes, frogs, and wading birds. Future development plans for the Site include industrial/commercial development. Therefore, a specific soil management plan developed under MCP regulation is required if soil removal is required as part of development.

9. EVALUATION OF THE NEED FOR IMMEDIATE RESPONSE ACTIONS

In accordance with 310 CMR 40.0483(g), a Phase I Report shall include an evaluation of the need to conduct an Immediate Response Action (IRA), as described in 310 CMR 40.0412. As described in 310 CMR 40.0412, an IRA is required at a Site under the following four conditions:

- Sites or vessels where a release or threat of release of oil and/or hazardous material (OHM) has occurred which requires notification to the MassDEP under the "Two Hour" notification provisions of 310 CMR 40.0311 or 40.0312.
- Sites where a release or threat of release of OHM has occurred which requires notification to the MassDEP under the "72 Hour" notification provisions of 310 CMR 40.0313 or 40.0314.
- Sites where a release of OHM has resulted in conditions which have been determined to pose an Imminent Hazard pursuant to 310 CMR 40.0950; and
- Any other Site or vessel where the DEP has determined that immediate or accelerated response actions are necessary to prevent, eliminate, or minimize damage to health, safety, public welfare, or the environment.

A detailed evaluation of each of these four conditions with respect to the subject Site is provided in the following subsections.

9.1 NOTIFICATION UNDER THE "TWO HOUR" NOTIFICATION PROVISIONS

Site conditions were evaluated for the need to notify under the "Two Hour" notification provisions as described in 310 CMR 40.0311 and 40.0312. A condition requiring notification under the "Two Hour" provisions does not exist at the Site because the following conditions do not exist:

- A sudden, continuous, or intermittent release to the environment of OHM at equal to or greater than the Reportable Quantity and that likely occurred within 24 consecutive hours or less.
- A sudden, continuous, or intermittent release to the environment of OHM at an unknown quantity that is likely equal to or greater than the Reportable Quantity and that likely occurred within 24 consecutive hours or less.
- A sudden, continuous, or intermittent release to the environment of any quantity of oil or waste oil that results in the appearance of a sheen on surface water.
- A release to the environment indicated by the measurement of OHM in a private drinking water supply well at a concentration equal to or greater than a Category RCGW-1 Reportable Concentration.
- A release of any OHM, in any quantity or concentration, that poses or could pose an Imminent Hazard.
- A release of OHM that is indirectly discharged to the environment by means of discharge to a stormwater drainage or sanitary sewerage system.
- A threat of OHM release to the environment is likely to occur which is equal to or greater than the Reportable Quantity.
- A threat of OHM release to the environment which poses or could pose an Imminent Hazard, irrespective of the quantity likely to be released.

9.2 NOTIFICATION UNDER THE "72 HOUR" NOTIFICATION PROVISIONS

Site conditions were evaluated for the need to notify under the "72 hour" notification provisions of the MCP as described in 310 CMR 40.0313 and 40.0314. A condition requiring notification under the "72 - hour" provisions does not exist because the following conditions do not exist:

- A release of Non-aqueous Phase Liquid (NAPL) having a measured thickness equal to or greater than ½ inch.
- A release to the environment indicated by the presence of OHM within 10 feet of the exterior wall of an underground storage tank as established by a measurement of equal to or greater than 100 parts per million by volume of total organic vapors in the headspace of a soil or groundwater samples that was obtained greater than 2 feet below ground surface and as part of closure assessment or in connection with the removal or closure of a UST.
- A release to the environment indicated by the measurement of OHM in groundwater at concentrations equal to or greater than a category RCGW-1 Reportable Concentrations within a Zone I of a public water supply well or 500 feet of a private water supply well.
- Detection of 5 mg/L total volatile organic compounds at any point located within 30 feet of a school or occupied residential structure where the groundwater table is less than 15 feet below the ground surface.
- A condition of Substantial Release Migration (see Section 9.2.1).
- A threat of release to the environment from a UST from a test which indicates there is substantial likelihood of a leak equal to or greater than 0.05 gallons per hours.

9.2.1 Condition of Substantial Release Migration

Site conditions were evaluated for a condition of Substantial Release Migration (SRM) as described in 310 CMR 40.0006. A condition of SRM does not exist at the Site because:

- There is no indication that releases have resulted in the discharge of separate phase OHM to surface waters, subsurface structures, or underground utilities/conduits.
- There are no known potential sources of release of grossly contaminated soil currently existing at the Site which may, if not promptly removed, significantly impact the underlying groundwater, or significantly exacerbate an existing condition of groundwater pollution. The primary contaminants of concern are lead and benzo(a)pyrene; however due to their limited potential to dissolve in water and migrate to Site groundwater, lead and benzo(a)pyrene are not expected to significantly impact underlying groundwater.
- Results of investigations at the Site do not indicate that the OHM release to groundwater has migrated or is expected to migrate more than 200 feet per year.
- There is no indication that releases to the groundwater at the Site have been or are likely within one year to be detected in public or private water supply wells. There are no public or private water supply wells within 500 feet of the Site.
- There is no indication that releases to the groundwater at the Site have or are likely within one year to be detected in a surface water body, wetland, or public water supply reservoir.

- There is no indication that releases to the groundwater at the Site have resulted in or are likely within one year to result in the discharge of vapors into school buildings or occupied residential dwellings. Occupied residential dwellings are not situated on-site.

9.3 IMMINENT HAZARD CONDITIONS

The Site was evaluated for Imminent Hazard conditions in accordance with the MCP at 310 CMR 40.0955. Imminent hazards do not exist at the disposal Site. The Site is currently used for industrial purposes, and is located in a primarily industrial/commercial area. South of the Site is the Baird & McGuire Superfund Site, which is surrounded by fencing. Wetlands border the Site to the south, west and southeast, further limiting access to the Site. The nearest residences are located west of the Site along Centre Street. No institutions are present within 500 feet of the Site. Given the Site's location and the characteristics of the surrounding properties, children are not anticipated to be present at the Site on a routine or frequent basis, and current Site workers are not expected to have high-intensity exposure to soil.

Furthermore, a worker's exposure to the levels of OHM identified in soil (primarily EPH, metals and SVOCs) is not anticipated to result in a readily apparent adverse health effects or a significant health risk over a short period of time. Note that the concentrations of OHM in surface soil do not exceed the Imminent Hazard concentrations specified in the MCP at 310 CMR 40.0321(2)(b).

Although groundwater is categorized as GW-1 due to the Site's location in an IWPA, the subject property is currently serviced by municipal water, and therefore, Site workers are not exposed to constituents in Site groundwater. Furthermore, relatively low levels of VOCs (compared to the laboratory reporting limit) were detected in only a few groundwater monitoring wells; therefore, vapor intrusion is unlikely to present an imminent health hazard.

Conditions at the Site do not pose a risk of harm to safety, public welfare or the environment. No releases have been identified that would result in a reactive or explosive atmosphere or would endanger human health. Site releases have not resulted in abiotic conditions or other indicators of stressed biota, such as dead/distressed vegetation or acute adverse impacts to fish populations.

Therefore, it is concluded that Site conditions do not pose an Imminent Hazard to human health, safety, public welfare or the environment.

10. STATEMENT OF FINDINGS & SUMMARY OF CONCLUSIONS

This Phase I Initial Site Investigation (ISI) Report has been completed in support of the Numerical Ranking System Tier II classification for the disposal Site assigned Release Tracking Number (RTN) 4-3024519 and addressed at 3 Philipps Road in Holbrook (the "Site"). This section provides a summary of the conclusions based on the results of environmental investigations conducted to date.

- Prior to the Town of Holbrook acquiring ownership of the property in 2005, the property was the location of the Holbrook Chemical Corporation which mixed and blended chemicals onsite. The property was abandoned in the late 1990s. The property is currently used for the storage of metal grinding castings and empty municipal solid waste dumpsters. TLA-Holbrook is under a lease with the Town of Holbrook to construct and operate a municipal solid waste transfer station at the Site, with the Town retaining ownership of the property.
- The Holbrook Chemical Corporation used an aboveground tank farm to storage raw chemicals used in its manufacturing process. There are ten (10) ASTs located within an earthen berm area (Chemical Silo Area) ranging in size from approximately 10,000 to 20,000 gallons. The ASTs appear to be empty with the potential for some residual chemical sludges to remain in the ASTs.
- The Site contains sand, gravel and cobbles, to a depth of 2 to 14 feet, overlying bedrock.
- The Site is located within an Interim Wellhead Protection Area (IWPA) and therefore groundwater at the Site is categorized as GW-1. The IWPA is associated with several Town of Holbrook drinking water supply wells located south of the Site within the boundaries of the Baird & McGuire EPA Superfund Site. The wells have been unused for over thirty years but not officially abandoned by the Town.
- The Massachusetts Department of Environmental Protection (DEP) was notified of a reportable release at the Site by the current operator of the Site, Falvey Steel Castings, Inc., in December 2004, when lead, beryllium, bis(2-Ethylhexyl)phthalate and C11-C22 Aromatic Hydrocarbons were detected in soil samples collected during a limited due diligence investigation in August 2004 prior to a pending transfer of property ownership. As a result of the investigation the transfer of ownership was terminated.
- Laboratory analysis of soil samples collected from the property indicates that the shallow soil (0-4 feet below the surface) in the vicinity of the Chemical Silo Area is the primary area of concern at the Site. Lead and benzo(a)pyrene are the primary OHM of concern.
- Laboratory analysis of groundwater samples collected from the Site indicates that there were no detected concentrations of compounds that exceeded the applicable GW-1 Method 1 Standards with the exception of pentachlorophenol. Pentachlorophenol was reported in one monitoring well at an estimated concentration that slightly exceeded the Method 1 Standard but the value was estimated as it was below the reported detection limit. Pentachlorophenol was not reported in any other groundwater or soil samples obtained from the Site, therefore the reported value was determined to not be representative of on-site groundwater conditions.
- The approximate horizontal limits of the disposal Site are currently defined as the developed portion of the property as shown in Figure 2. Vertically, the disposal Site appears to include the shallow (0-4 feet below ground surface) in the vicinity of the former chemical storage and mixing area.
- Imminent Hazards do not exist at the Site; therefore, an Immediate Response Action (IRA) is not necessary.

The findings of this Phase I ISI report indicate the Site is classified as categorically as Tier II as a result of the Numerical Ranking Scoresheet result (311 points). A copy of the Numerical Ranking Scoresheet is included as Appendix E. Future actions will evaluate potential response actions in order to address and/or mitigate Site conditions, as appropriate, under the MCP.

11. CONCEPTUAL PHASE II SCOPE OF WORK

The conceptual Phase II Scope of Work for a Comprehensive Site Assessment per 310 CMR 40.0510(1)(e)(1) of the MCP relates specifically to concentrations of metals, SVOCS, VOCs, extractable petroleum hydrocarbons, and pesticides in disposal site soils. The source of these OHMs of concern is most likely from historical Site use and surficial spills of various chemicals stored and process at the former Holbrook Chemical facility. Phase II activities will focus on additional soil assessment to assess remediation alternatives. Concentrations of COPCs have not been detected in groundwater; therefore, groundwater has not been determined to not be a media of concern.

Estimated Schedule

It is anticipated that the proposed additional investigative or remedial activities would be completed over the next several months. The results of the activities discussed herein will be documented in a final Phase II/III report and presented to the client for submittal to DEP. If the results of the Phase II investigation indicate that a level of no significant risk has not been achieved, the findings of the Phase II report will provide a basis for identifying and evaluating remedial action alternatives for the Site under a Phase III – Identification, Evaluation and Selection of Comprehensive Remedial Action Alternatives.

12. REFERENCES

Nangle Consulting Associates, Inc. (Nangle). 2004. Environmental Studies, 3 Philipps Road, Holbrook, Massachusetts. August 25.

Woodard & Curran, Inc. (W&C). 2006. Environmental Site Assessment Results, Former Holbrook Chemical Corporation, 3 Philipps Road, Holbrook, Massachusetts. June 15.

13. LIMITATIONS

The activities described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or limited, is implied. These services were performed consistent with the agreement of our client. The conclusions presented in this Report were based upon the services described and not on scientific tasks or procedures beyond the scope of described services or time or budgetary constraints. Any statement or opinion contained in this report prepared by Woodard & Curran shall not be construed to create any warranty or representation that the property is free of pollution or complies with any or all applicable regulatory or statutory requirements; or was made to check on the compliance of present or past owners of the Site with federal, state, or local laws and regulations. Woodard & Curran Inc. shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld or not fully disclosed at the time the evaluation was performed.

Results of the activities contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do no warrant the accuracy of information supplied by others or the use of segregated portions of this report.

This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

APPENDIX A: BWSC107 TRANSMITTAL FORM

(NOT INCLUDED IN THE ELECTRONIC SUBMITTAL)

APPENDIX B: NUMERICAL RANKING SCORESHEET

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC107A

NUMERICAL RANKING SYSTEM (NRS) SCORESHEET

Pursuant to 310 CMR 40.1511 (Subpart O)

Release Tracking Number: 4 - 3024519

A. NRS SCORESHEET SUMMARY SECTION:

1. Classification Submittal: (check one) ☑ a. Initial NRS Score ☐ b. Revised NRS Score

2. Disposal Site Score:

II	III	IV	V	VI	Total
40	91	105	75	0	311

3. Disposal Site Classification: (check one)

☐ a. Tier IA ☐ b. Tier IB ☐ c. Tier IC ☑ d. Tier II

B. DISPOSAL SITE INFORMATION (NRS SECTION I):

1. UTM Coordinates: a. UTM N: 4668613 b. UTM E: 332431

2. Check which, if any, of the Tier I inclusionary criteria are met by the Disposal Site, pursuant to 310 CMR 40.0520(2):

☐ a. Groundwater is located within an Interim Wellhead Protection Area or a Zone II, and there is evidence of groundwater contamination by an Oil or Hazardous Material at the time of Tier Classification at concentrations equal to or exceeding the applicable RCGW-1 Reportable Concentration set forth in 310 CMR 40.0360.

☐ b. An Imminent Hazard is present at the time of Tier Classification.

C. EXPOSURE PATHWAYS (NRS SECTION II):

1. Exposure Pathways, and Oil and Hazardous Material (OHM) Sources:

For A. through D., score according to 310 CMR 40.1512 - Exposure Pathway Designation Criteria and NRS Table II.
For E., score using NRS Table II.E.

	Score
A. Soil (includes sediment)	15
B. Groundwater	0
C. Surface Water (includes wetlands)	0
D. Air	0
E. Number of OHM Sources	25
Total NRS Section II Score (15 - 700)	40

2. Was Section G (NRS Section VI) used to amend the score for this Section of the NRS? ☐ a. Yes ☑ b. No

3. Summary Rationale for Exposure Pathway Values, A. through D., and Phase I Report References:

SOIL - TABLES 2 AND 4, PHASE 1 ISI

GROUNDWATER - SECTION 5.2, TABLE 3, PHASE 1 ISI

SURFACE WATER - SECTION 7.1.3, PHASE 1 ISI

AIR - SECTION 7.1.4, PHASE 1 ISI

D. DISPOSAL SITE CHARACTERISTICS (NRS SECTION III):

1. Oil and Hazardous Material (OHM) Toxicity Score (NRS Section III.A.):

a. List the Four Highest OHM Toxicity Scores from NRS Table III.A.:

OHM Scored	Concentration and Media	Toxicity Score (1 - 80)
BIS(2-ETHYLHEXYL)PHTHALATE	4600 MG/KG SOIL	30
C11-C22 AROMATIC HYDROCARBONS	1310 MG/KG SOIL	25
ARSENIC	52 MG/KG SOIL	20
TRICHLOROETHENE	1.7 MG/KG SOIL	15

b. Score using NRS Worksheet III.A.1. to determine the OHM Toxicity Score for OHM not listed in NRS Table III.A.:

OHM	Human Health-based Toxicity Value	Concentration (Soil - ug/g)	Concentration (Water - ug/l)	Toxicity Score
4-4' DDT	45	47.000	0.000	20
1,2,4 TRICHLOROBENZE	18	6.800	0.000	5
HEXACHLOROBENZENE	46	1.400	0.000	20
1,4 DICHLOROBENZENE	22	1.3000	0.000	10

c. Use the Highest OHM Toxicity Score from either NRS Table III.A. or Worksheet III.A.1.:

OHM Scored	Toxicity Score
BIS(2-ETHYLHEXYL)PHTHALATE	30

2. Multiple OHMs (NRS Section III.B.):

Was the Toxicity Score of more than one OHM greater than or equal to 30? ☐ a. Yes (30) ☑ b. No (0)

3. OHM Mobility and Persistence (NRS Section III.C.):

Score according to 310 CMR 40.1514 - OHM Mobility and Persistence

a. OHM Scored	b. Score (0 - 50)
TRICHLOROETHYLENE	45

4. Disposal Site Hydrogeology (NRS Section III.D.):

Score according to 310 CMR 40.1515 - Soil Permeability, and NRS Table III.D.

Site Hydrogeology Score (2-20)
16

5. Total NRS Section III Score:

A.	B.	C.	D.	Total for Section III (3 - 180)
30	0	45	16	91

6. Was Section G (NRS Section VI) used to amend the score for this Section of the NRS? ☐ a. Yes ☑ b. No

E. HUMAN POPULATION AND LAND USES (NRS SECTION IV):

1. Human Population (NRS Section IV.A.):

Score using NRS Table IV.A.

Residential Population within 1/2 Mile	Institutions within 500 Feet	On-site Workers	Population Score (0 - 40)
10	0	5	15

2. Aquifers (NRS Section IV.B.):

a. Sole Source Aquifer: ☐ i. Yes (25) ii. Name: _____ ☑ iii. No (0)

b. Potentially Productive Aquifer: ☑ i. Medium or High (15) ☐ ii. No (0)

3. Water Use (NRS Section IV.C.):

Score using NRS Table IV.C.

Proximity to Public Drinking Water Source	Persons Served by Public Drinking Water Supply	Private Water Supplies within 500 Feet	Alternate Public Water Supply Available	Water Use Score (0 -125)
50	25	0	0	75

4. Total NRS Section IV Score:

A.	B.	C.	Total for Section IV (0 - 205)
15	15	75	105

5. Was Section G (NRS Section VI) used to amend the score for this Section of the NRS? ☐ a. Yes ☑ b. No

F. ECOLOGICAL POPULATION (NRS SECTION V):

1. Environmental Resource Areas (NRS Section V.A.): Score using NRS Table V.A.

Area of Critical Environmental Concern	Species of Special Concern, Threatened or Endangered Species Habitat	Wetlands, Certified Vernal Pool, or Outstanding Resource Water	Fish Habitat	Protected Open Space	Environmental Resource Area Score (0 - 150)
0	0	30	20	0	50

2. Environmental Toxicity Score (NRS Section V.B.):

Score only if Environmental Resource Area Score is greater than or equal to 30.

a. List the Three Highest Environmental Toxicity Scores from NRS Table V.B.:

OHM Scored	Concentration and Media	Toxicity Score (0 - 35)
C11-C22 AROMATIC HYDROCARBONS	1310 MK/KG SOIL	25
ARSENIC	52 MG/KG SOIL	5
BIS(2-ETHYLHEXYL)PHTHALATE	4600 MG/KG SOIL	15

b. Score using NRS Worksheet V.B.1. to determine the Environmental Toxicity Score for OHM not listed in NRS Table V.B. See 310 CMR 40.1516 for Environmental Toxicity Values for each OHM.

OHM	Environmental Toxicity Value	Concentration (Soil - ug/g)	Concentration (Water - ug/l)	Environmental Toxicity Score
DDT	50	47.000	0.000	20
HEXACHLOROBENZENE	46	1.400	0.000	10
1,2,4 TRICHLOROBENZE	20	6.800	0.000	5

c. Use the Highest Environmental Toxicity Score from either NRS Table V.B. or from Worksheet V.B.1.:

OHM Scored	Toxicity Score
C11-C22 AROMATIC HYDROCARBONS	25

3. Total NRS Section V Score:

A.	B.	Total for Section V (0 - 185)
50	25	75

4. Was Section G (NRS Section VI) used to amend the score for this Section of the NRS? ☐ a. Yes ☑ b. No

G. MITIGATING DISPOSAL SITE -SPECIFIC CONDITIONS (NRS SECTION VI):

1. Disposal site-specific conditions that warrant amending the site score. Changes directly related to NRS Sections or Subsection scores may not reduce the score more than the relevant subsection value assigned for the disposal site in that subsection. Section VI must reference specific pages of the Phase I. Section VI may not exceed plus or minus 50 points and may be scored only in 5-point increments.

☐ 2. Check here if additional pages are provided in an attachment.

3. Disposal Site Amendment (Not to exceed plus or minus 50 points):

Total Score Section VI
0

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC107B

Release Tracking Number
4 - 3024519

TIER II COMPLIANCE HISTORY
Pursuant to 310 CMR 40.0540 (Subpart E)

A. DISPOSAL SITE COMPLIANCE HISTORY SUMMARY:

☐ 1. Check here if a Tier II Compliance History of the person listed in BWSC107, Section D, was previously submitted, and there has been no change in that person's compliance history. If this box is checked, this section does not have to be completed.

2. List all permits or licenses that have been issued by the Department that are relevant to this Disposal Site:

Program	Permit Number	Permit Category	Facility ID
a. Air Quality	NONE	NONE	NONE
b. Hazardous Waste (M.G.L. c. 21C)	NONE	NONE	NONE
c. Solid Waste	NONE	NONE	NONE
d. Industrial Wastewater Management	NONE	NONE	NONE
e. Water Supply	NONE	NONE	NONE
f. Water Pollution Control/Surface Water	NONE	NONE	NONE
g. Water Pollution Control/Groundwater	NONE	NONE	NONE
h. Water Pollution Control/Sewer Connection	NONE	NONE	NONE
i. Wetland & Waterways	NONE	NONE	NONE

3. List all other Federal, state or local permits, licenses, certifications, registrations, variances, or approvals that are relevant to this Disposal Site:

Issuing Authority or Program, or Documentation Type	Identification Number	Date Issued (mm/dd/yyyy)

☐ 4. Check here to certify that, if needed, a statement further describing the Compliance History of this Disposal Site is attached.

This statement must describe the compliance history of the person or entity named in BWSC107, Section D with the following: (1) DEP regulations; and (2) other laws for the protection of health, safety, public welfare and the environment administered or enforced by any other government agency. Such a statement should identify information such as: (1) actions relevant to the Disposal Site taken by the Department to enforce its requirements including, but not limited to, a Notice of Noncompliance (NON), Notice of Intent to Assess Civil Administrative Penalty (PAN), Notice of Intent to Take Response Action (NORA), and an administrative enforcement order; (2) administrative consent orders; (3) judicial consent judgements; (4) similar administrative actions taken by other Federal, state or local agencies; (5) civil or criminal actions relevant to the Disposal Site brought on behalf of the DEP or other Federal, state, or local agencies; and (6) any additional relevant information. For each action identified, provide the following information: (1) name of the issuing authority, type of action, identification number and date issued; (2) description of noncompliance cited; (3) current status of the matter; and (4) final disposition, if any.

APPENDIX C: COPIES OF NOTIFICATIONS TO PUBLIC OFFICIALS

COMMITMENT & INTEGRITY
DRIVE RESULTS

980 Washington St. | Suite 325
Dedham, Massachusetts 02026
www.woodardcurran.com

T 800.446.5518
T 781.251.0200
F 781.251.0847

July 2, 2009

Mr. Michael Yunits
Town Administrator
50 North Franklin Street
Holbrook, MA 02343-1560

WOODARD &CURRAN

Subject: **Notification of Availability of a Phase I Initial Site Investigation Report**
3 Philipps Road
Holbrook, MA
MassDEP Release Tracking Number: 4-3024519

Dear Mr. Yunits:

This letter is sent to you on behalf of TLA-Holbrook LLC to fulfill the public notification requirements established by the Massachusetts Contingency Plan (MCP - 310 CMR 40.0000). In accordance with the public notification requirements described in 310 CMR 40.1403 (3)(e), we are notifying you that a Phase I Initial Site Investigation (ISI) Report has been prepared for the above-referenced Site and are enclosing copies of the summary and statement of conclusions and the disposal site map that are included in the Phase I Report. A copy of the report is available for your review at the Massachusetts Department of Environmental Protection Southeast Region Office, located at 20 Riverside Drive, Lakeville, MA.

Attached please find a copy of the public notice that will be published in the Holbrook Sun. If you have any questions regarding this notification, please contact Craig E. Blake, Woodard & Curran, Inc., 980 Washington Street, Suite 325, Dedham, MA 02026, or by telephone at (781) 251-0200.

Sincerely,

WOODARD & CURRAN

Craig E. Blake, L.S.P.
Vice President

PN 218390.01

Cc: MassDEP Southeast Region

Enclosure(s)

COMMITMENT & INTEGRITY
DRIVE RESULTS

980 Washington St. | Suite 325
Dedham, Massachusetts 02026
www.woodardcurran.com

T 800.446.5518
T 781.251.0200
F 781.251.0847

July 2, 2009

Ms. Donna Dewar, Chairperson
Holbrook Board of Health
50 North Franklin Street
Holbrook, MA 02343-1560

WOODARD &CURRAN

Subject: **Notification of Availability of a Phase I Initial Site Investigation Report**
3 Philipps Road
Holbrook, MA
MassDEP Release Tracking Number: 4-3024519

Dear Ms. Dewar:

This letter is sent to you on behalf of TLA-Holbrook LLC to fulfill the public notification requirements established by the Massachusetts Contingency Plan (MCP - 310 CMR 40.0000). In accordance with the public notification requirements described in 310 CMR 40.1403 (3)(e), we are notifying you that a Phase I Initial Site Investigation (ISI) Report has been prepared for the above-referenced Site and are enclosing copies of the summary and statement of conclusions and the disposal site map that are included in the Phase I Report. A copy of the report is available for your review at the Massachusetts Department of Environmental Protection Southeast Region Office, located at 20 Riverside Drive, Lakeville, MA.

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Sincerely,

WOODARD & CURRAN

Craig E. Blake, L.S.P.
Vice President

PN 218390.01

Cc: MassDEP Southeast Region

Enclosure(s)

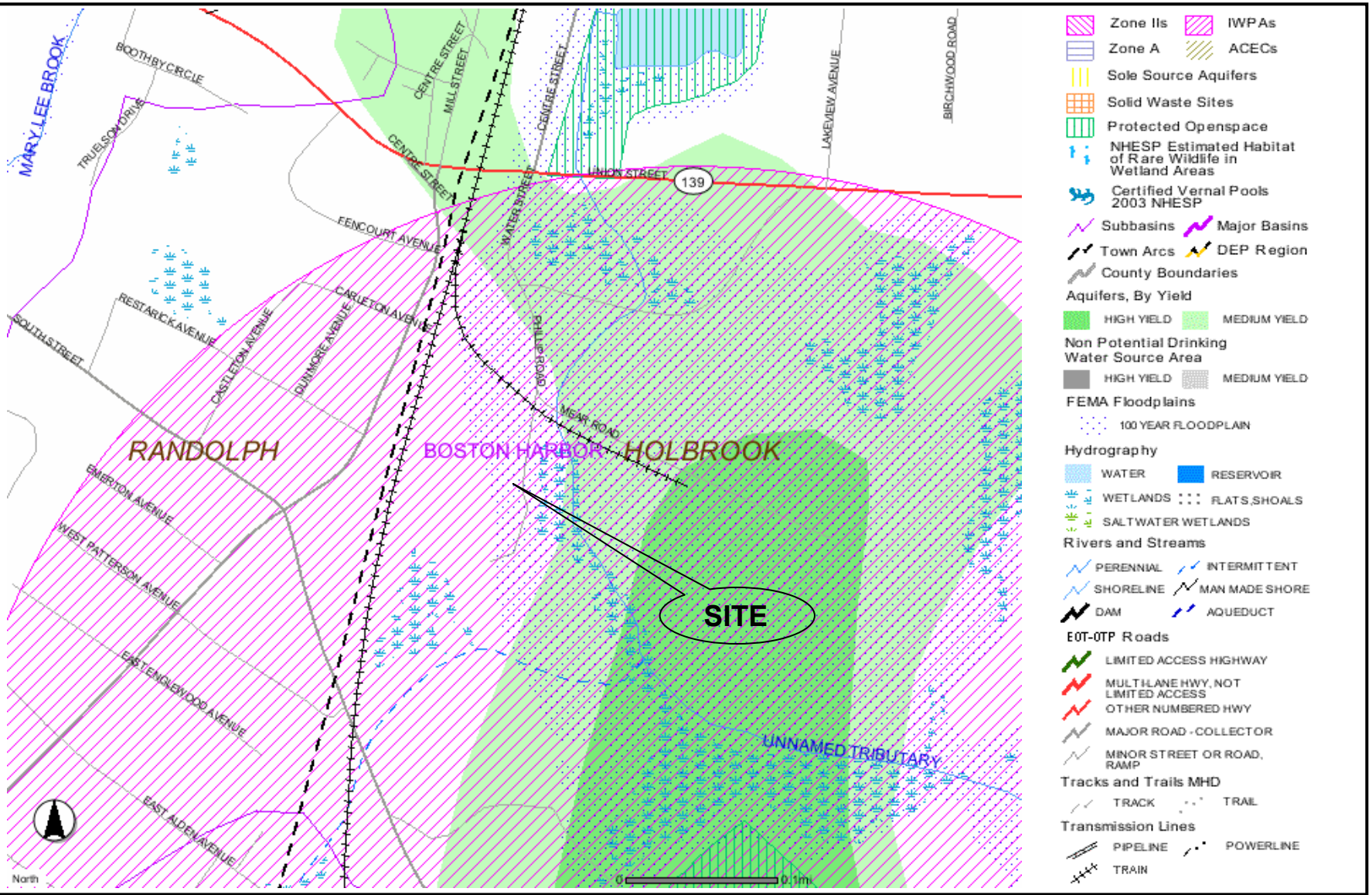
10. STATEMENT OF FINDINGS & SUMMARY OF CONCLUSIONS

This Phase I Initial Site Investigation (ISI) Report has been completed in support of the Numerical Ranking System Tier II classification for the disposal Site assigned Release Tracking Number (RTN) 4-3024519 and addressed at 3 Philipps Road in Holbrook (the "Site"). This section provides a summary of the conclusions based on the results of environmental investigations conducted to date.

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- The Site is located within an Interim Wellhead Protection Area (IWPA) and therefore groundwater at the Site is categorized as GW-1. The IWPA is associated with several Town of Holbrook drinking water supply wells located south of the Site within the boundaries of the Baird & McGuire EPA Superfund Site. The wells have been unused for over thirty years but not officially abandoned by the Town.
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The findings of this Phase I ISI report indicate the Site is classified as categorically as Tier II as a result of the Numerical Ranking Scoresheet result (311 points). A copy of the Numerical Ranking Scoresheet is included as Appendix E. Future actions will evaluate potential response actions in order to address and/or mitigate Site conditions, as appropriate, under the MCP.

APPENDIX D: SITE SCORING MAP



WOODARD &CURRAN
COMMITMENT & INTEGRITY DRIVE RESULTS
980 Washington St, Suite 325
Dedham, MA 02026
T: 800.446.5518

SITE SCORING MAP

3 PHILIPPS ROAD
HOLBROOK, MA

DESIGNED BY:	CHECKED BY: DC
DRAWN BY: MES	

JOB NO.: 218390.00
DATE: JUNE 2009
SCALE:

FIGURE D-1

APPENDIX E: BORING LOGS

WOODARD & CURRAN
Engineering • Science • Operations
980 Washington Street
Dedham, Massachusetts 02026

BORING LOG
Former Holbrook Chemical
3 Phillips Road, Holbrook, MA

Boring No.
S-1

START DATE:	March 8, 2006	BORING DEPTH BGS:	7 feet	
CONTRACTOR:	Geologic-Earth Exploration	WELL DEPTH:	not installed	**PAGE**
DRILLER:	Damian Jacobs	RISER LENGTH BGS:	NA	
GEOLOGIST:	Jesse Edmands	SCREEN LENGTH:	NA	1 of 1
DRILLING METHOD:	Geoprobe 5400DT track rig	SLOT SIZE:	NA	
SAMPLING METHOD:	Continuous (4 foot sections)	G.WATER DEPTH:	6.5	

Depth	Sample ID	Sample Depth	Rec. Length	OVM (ppm)	Soil Description and Field Observations
0'	S-1	0-4	24/48"	2.7	**0-7'**: Brown fine to coarse SAND and GRAVEL, dry, no odor
1'					
2'					
3'					
4'			24/36"	2.3	
5'					
6'					
7'					Groundwater encountered at 6.5' **Refusal at 7'**
8'					
9'					
10'					
11'					
12'					
13'					
14'					
15'					
16'					
17'					
18'					
19'					
20'					
21'					
22'					
23'					
24'					

COMMENTS: Boring located west of Falvey Steel Castings office building in grass.

WOODARD & CURRAN
Engineering • Science • Operations
980 Washington Street
Dedham, Massachusetts 02026

BORING LOG
Former Holbrook Chemical
3 Phillips Road, Holbrook, MA

Boring No. S-5

START DATE:	March 8, 2006	BORING DEPTH BGS:	8 feet	
CONTRACTOR:	Geologic-Earth Exploration	WELL DEPTH:	not installed	**PAGE**
DRILLER:	Damian Jacobs	RISER LENGTH BGS:	NA	
GEOLOGIST:	Jesse Edmands	SCREEN LENGTH:	NA	1 of 1
DRILLING METHOD:	Geoprobe 5400DT track rig	SLOT SIZE:	NA	
SAMPLING METHOD:	Continuous (4 foot sections)	G.WATER DEPTH:	NA	

Depth	Sample ID	Sample Depth	Rec. Length	OVM (ppm)	Soil Description and Field Observations
					1" Asphalt/Baserock
0'					**0-8'**: Brown coarse SAND, some coarse gravel, dry, no odor
1'					
2'	S-5	0-4	18/48"	0.3	
3'					
4'					
5'					
6'			18/48"	0.3	
7'					
8'					**Refusal at 8'**
9'					
10'					
11'					
12'					
13'					
14'					
15'					
16'					
17'					
18'					
19'					
20'					
21'					
22'					
23'					
24'					

COMMENTS: Boring located west of tank farm in asphalt driveway.

WOODARD & CURRAN
Engineering • Science • Operations
980 Washington Street
Dedham, Massachusetts 02026

BORING LOG
Former Holbrook Chemical
3 Phillips Road, Holbrook, MA

Boring No. S-7

START DATE:	March 8, 2006	BORING DEPTH BGS:	10 feet	
CONTRACTOR:	Geologic-Earth Exploration	WELL DEPTH:	not installed	**PAGE**
DRILLER:	Damian Jacobs	RISER LENGTH BGS:	NA	
GEOLOGIST:	Jesse Edmands	SCREEN LENGTH:	NA	1 of 1
DRILLING METHOD:	Geoprobe 5400DT track rig	SLOT SIZE:	NA	
SAMPLING METHOD:	Continuous (4 foot sections)	G.WATER DEPTH:	8 feet	

Depth	Sample ID	Sample Depth	Rec. Length	OVM (ppm)	Soil Description and Field Observations
					1" Asphalt/Baserock
0'	S-7	0-4	12/48"	1	**0-8'**: Brown and black fine to coarse SAND, some fine gravel, little coal ash/pieces, dry, no odor (FILL)
1'					
2'					
3'					
4'			12/48"	1.7	
5'					
6'					
7'					
8'			0/48"	NA	**8-10'**: No soil recovery. Groundwater encountered.
9'					
10'					**Boring terminated at 10'**
11'					
12'					
13'					
14'					
15'					
16'					
17'					
18'					
19'					
20'					
21'					
22'					
23'					
24'					

COMMENTS: Boring located east of garage.

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BORING LOG
Former Holbrook Chemical
3 Phillips Road, Holbrook, MA

Boring No. S-8

START DATE:	March 8, 2006	BORING DEPTH BGS:	12 feet	
CONTRACTOR:	Geologic-Earth Exploration	WELL DEPTH:	not installed	**PAGE**
DRILLER:	Damian Jacobs	RISER LENGTH BGS:	NA	
GEOLOGIST:	Jesse Edmands	SCREEN LENGTH:	NA	1 of 1
DRILLING METHOD:	Geoprobe 5400DT track rig	SLOT SIZE:	NA	
SAMPLING METHOD:	Continuous (4 foot sections)	G.WATER DEPTH:	11 feet	

Depth	Sample ID	Sample Depth	Rec. Length	OVM (ppm)	Soil Description and Field Observations
0'	S-8	0-4	30/48"	0.7	**0-4'**: Brown and black fine to coarse SAND, some fine gravel, dry, no odor (FILL)
4'	S-8	4-8	36/48"	0.7	**4-12'**: Brown medium to coarse SAND, little fine gravel, dry to moist, no odor
8'			36/48"	0.6	Groundwater encountered at 11'
12'					**Boring terminated at 12'**
16'					
20'					
24'					

COMMENTS: Boring located within diked area of tank farm.

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BORING LOG
Former Holbrook Chemical
3 Phillips Road, Holbrook, MA

Boring No. S-9

START DATE:	March 8, 2006	BORING DEPTH BGS:	8 feet	
CONTRACTOR:	Geologic-Earth Exploration	WELL DEPTH:	not installed	**PAGE**
DRILLER:	Damian Jacobs	RISER LENGTH BGS:	NA	
GEOLOGIST:	Jesse Edmands	SCREEN LENGTH:	NA	1 of 1
DRILLING METHOD:	Geoprobe 5400DT track rig	SLOT SIZE:	NA	
SAMPLING METHOD:	Continuous (4 foot sections)	G.WATER DEPTH:	NA	

Depth	Sample ID	Sample Depth	Rec. Length	OVM (ppm)	Soil Description and Field Observations
0'	S-9	0-4	24/48"	1.6	**0-8'**: Brown fine to coarse SAND, some fine to coarse gravel, trace coal pieces (0-4') dry, no odor (FILL)
4'	S-9	4-8	18/48"	1.3	
8'					**Refusal at 8'**
9'					
10'					
11'					
12'					
13'					
14'					
15'					
16'					
17'					
18'					
19'					
20'					
21'					
22'					
23'					
24'					

COMMENTS: Boring located south of tank farm (outside of diked area).

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BORING LOG
Former Holbrook Chemical
3 Phillips Road, Holbrook, MA

Boring No. S-10

START DATE:	March 8, 2006	BORING DEPTH BGS:	8 feet	
CONTRACTOR:	Geologic-Earth Exploration	WELL DEPTH:	not installed	**PAGE**
DRILLER:	Damian Jacobs	RISER LENGTH BGS:	NA	
GEOLOGIST:	Jesse Edmands	SCREEN LENGTH:	NA	1 of 1
DRILLING METHOD:	Geoprobe 5400DT track rig	SLOT SIZE:	NA	
SAMPLING METHOD:	Continuous (4 foot sections)	G.WATER DEPTH:	7 feet	

Depth	Sample ID	Sample Depth	Rec. Length	OVM (ppm)	Soil Description and Field Observations
0'	S-10	0-4	18/48"	2	**0-8'**: Brown fine to medium SAND, some fine to coarse gravel, trace coal pieces (0-4') dry, no odor (FILL)
4'			24/48"	2.6	Groundwater encountered at 7'
8'					**Boring terminated at 8'**

COMMENTS: Boring located within diked area of tank farm.

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BORING LOG
Former Holbrook Chemical
3 Phillips Road, Holbrook, MA

Boring No. S-11

START DATE:	March 8, 2006	BORING DEPTH BGS:	12 feet	
CONTRACTOR:	Geologic-Earth Exploration	WELL DEPTH:	not installed	**PAGE**
DRILLER:	Damian Jacobs	RISER LENGTH BGS:	NA	
GEOLOGIST:	Jesse Edmands	SCREEN LENGTH:	NA	1 of 1
DRILLING METHOD:	Geoprobe 5400DT track rig	SLOT SIZE:	NA	
SAMPLING METHOD:	Continuous (4 foot sections)	G.WATER DEPTH:	12 feet	

Depth	Sample ID	Sample Depth	Rec. Length	OVM (ppm)	Soil Description and Field Observations
0'	S-11	0-4	18/48"	0.4	**0-10.5'**: Brown and black fine-coarse SAND, some fine to coarse gravel, some coal ash/pieces, dry, no odor (FILL)
4'	S-11	4-8	30/48"	0.4	
8'			30/48"	0.6	
10'					**10.5-12'**: Brown fine to coarse SAND, some fine gravel, moist to wet, no odor
11'					Groundwater encountered at 12'
12'					
13'					
14'					
15'					
16'					
17'					
18'					
19'					
20'					
21'					
22'					
23'					
24'					

COMMENTS: Boring located within diked area of tank farm.

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BORING LOG
Former Holbrook Chemical
3 Phillips Road, Holbrook, MA

Boring No.
S-12

START DATE:	March 8, 2006	BORING DEPTH BGS:	7 feet	
CONTRACTOR:	Geologic-Earth Exploration	WELL DEPTH:	not installed	**PAGE**
DRILLER:	Damian Jacobs	RISER LENGTH BGS:	NA	
GEOLOGIST:	Jesse Edmands	SCREEN LENGTH:	NA	1 of 1
DRILLING METHOD:	Geoprobe 5400DT track rig	SLOT SIZE:	NA	
SAMPLING METHOD:	Continuous (4 foot sections)	G.WATER DEPTH:	7 feet	

Depth	Sample ID	Sample Depth	Rec. Length	OVM (ppm)	Soil Description and Field Observations
0'	S-12	0-4	18/48"	1.7	**0-7'**: Brown and gray fine-medium SAND, some fine to coarse gravel, some coal ash/pieces, dry, no odor (FILL)
4'	S-12	4-7	12/48"	2.6	Moist to wet at 7'
7'					**Refusal at 7'**
8'					
9'					
10'					
11'					
12'					
13'					
14'					
15'					
16'					
17'					
18'					
19'					
20'					
21'					
22'					
23'					
24'					

COMMENTS: Boring located within diked area of tank farm.

WOODARD & CURRAN Engineering • Science • Operations 980 Washington Street Dedham, Massachusetts 02026	**BORING LOG** Former Holbrook Chemical 3 Phillips Road, Holbrook, MA	**Boring No.** S-13

START DATE:	March 8, 2006	BORING DEPTH BGS:	7.5 feet	
CONTRACTOR:	Geologic-Earth Exploration	WELL DEPTH:	not installed	**PAGE**
DRILLER:	Damian Jacobs	RISER LENGTH BGS:	NA	
GEOLOGIST:	Jesse Edmands	SCREEN LENGTH:	NA	1 of 1
DRILLING METHOD:	Geoprobe 5400DT track rig	SLOT SIZE:	NA	
SAMPLING METHOD:	Continuous (4 foot sections)	G.WATER DEPTH:	7 feet	

Depth	Sample ID	Sample Depth	Rec. Length	OVM (ppm)	Soil Description and Field Observations
0'	S-13	0-4	12/48"	2.7	**0-7.5'**: Black (0-4') and brown (4-7.5') fine-coarse SAND and GRAVEL, little coal ash/pieces (0-4'), dry, no odor
1'					
2'					
3'					
4'			12/48"	2	
5'					
6'					
7'					Wet at 7.5'
8'					**Boring terminated at 7.5'**
9'					
10'					
11'					
12'					
13'					
14'					
15'					
16'					
17'					
18'					
19'					
20'					
21'					
22'					
23'					
24'					

COMMENTS: Boring west of mixing building in asphalt driveway.

WOODARD & CURRAN Engineering • Science • Operations 980 Washington Street Dedham, Massachusetts 02026	**BORING LOG** Former Holbrook Chemical 3 Phillips Road, Holbrook, MA	**Boring No.** S-14

START DATE:	March 8, 2006	BORING DEPTH BGS:	4 feet	
CONTRACTOR:	Geologic-Earth Exploration	WELL DEPTH:	not installed	**PAGE**
DRILLER:	Damian Jacobs	RISER LENGTH BGS:	NA	
GEOLOGIST:	Jesse Edmands	SCREEN LENGTH:	NA	1 of 1
DRILLING METHOD:	Geoprobe 5400DT track rig	SLOT SIZE:	NA	
SAMPLING METHOD:	Continuous (4 foot sections)	G.WATER DEPTH:	NA	

Depth	Sample ID	Sample Depth	Rec. Length	OVM (ppm)	Soil Description and Field Observations
0'	S-14	0-4	30/48"	2.3	**0-4'**: Gray and green fine to medium SAND, some coarse gravel, trace coal pieces dry, no odor (FILL)
4'					**Refusal at 4'. 3 attempts made to advance beyond 4'.**

COMMENTS: Boring located within diked area of tank farm.

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BORING LOG
Former Holbrook Chemical
3 Phillips Road, Holbrook, MA

Boring No. S-15

START DATE:	March 8, 2006	BORING DEPTH BGS:	1 feet	
CONTRACTOR:	Geologic-Earth Exploration	WELL DEPTH:	not installed	**PAGE**
DRILLER:	Damian Jacobs	RISER LENGTH BGS:	NA	
GEOLOGIST:	Jesse Edmands	SCREEN LENGTH:	NA	1 of 1
DRILLING METHOD:	Geoprobe 5400DT track rig	SLOT SIZE:	NA	
SAMPLING METHOD:	Continuous (4 foot sections)	G.WATER DEPTH:	NA	

Depth	Sample ID	Sample Depth	Rec. Length	OVM (ppm)	Soil Description and Field Observations
0'	S-15	0-1	12/48"	1.6	**0-1'**: Gray and green fine to medium SAND, some coarse gravel, trace coal pieces, dry, no odor (FILL)
1'					**Refusal at 1'. 3 attempts made to advance beyond 1'.**
2'					
3'					
4'					
5'					
6'					
7'					
8'					
9'					
10'					
11'					
12'					
13'					
14'					
15'					
16'					
17'					
18'					
19'					
20'					
21'					
22'					
23'					
24'					

COMMENTS: Boring located within diked area of tank farm.

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BORING LOG
Former Holbrook Chemical
3 Phillips Road, Holbrook, MA

Boring No. S-17

START DATE:	March 8, 2006	BORING DEPTH BGS:	8 feet	
CONTRACTOR:	Geologic-Earth Exploration	WELL DEPTH:	not installed	**PAGE**
DRILLER:	Damian Jacobs	RISER LENGTH BGS:	NA	
GEOLOGIST:	Jesse Edmands	SCREEN LENGTH:	NA	1 of 1
DRILLING METHOD:	Geoprobe 5400DT track rig	SLOT SIZE:	NA	
SAMPLING METHOD:	Continuous (4 foot sections)	G.WATER DEPTH:	8 feet	

Depth	Sample ID	Sample Depth	Rec. Length	OVM (ppm)	Soil Description and Field Observations
0'	S-17	0-4	12/48"	0.9	**0-8'**: Brown (0-4') and gray (4-8') fine-medium SAND, some fine to coarse gravel, trace coal pieces (0-4'), dry, no odor (FILL)
4'			12/48"	2.1	Wet at 8'
8'					**Boring terminated at 8'**

COMMENTS: Boring located south of warehouse building.

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Well Completion Log
Former Holbrook Chemical
3 Phillips Road, Holbrook, MA

BORING/ WELL No.
MW-4

START DATE	3/9/2006	BORING DEPTH	10 feet
CONTRACTOR	Geologic-Earth Exploration	WELL DEPTH	NA
DRILLERS	Charlie and John	RISER LENGTH	NA
GEOLOGIST	Jesse Edmands	SCREEN LENGTH	NA
DRILLING METHOD	ATV Hollow Stem Auger	SLOT SIZE	NA
SAMPLING METHOD	Split Spoon every 5'	LOCATION	East of Mixing Building

PAGE 1 of 1

Depth	Elevation	Sample Range	Blows per 6 inches	Rec. Length	OVM (ppm)	Field Description and Remarks	Well Construction Diagram
0		0' - 2'	29-20-20-21	12"	2	Brown fine to coarse SAND, little fine gravel, dry, no odor, trace coal chips	NA
5'		5'-7'	17-22-12-10	6"	2.4	Brown fine to coarse SAND, little fine gravel, no odor Note: Cobbles (2"-6" Di.) brought to surface by augers slow drilling	
9'						Slightly wet at 10'	
10'		10'-12'	13-100 (Refusal	0		Refusal on cobbles at 10' Note: Advanced another boring in attempt to reach groundwater ~20' to west (refusal at 7' on cobbles). NO WELL INSTALLED Sample from 5'-7' submiited for laboratory analyses.	

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Well Completion Log
Former Holbrook Chemical
3 Phillips Road, Holbrook, MA

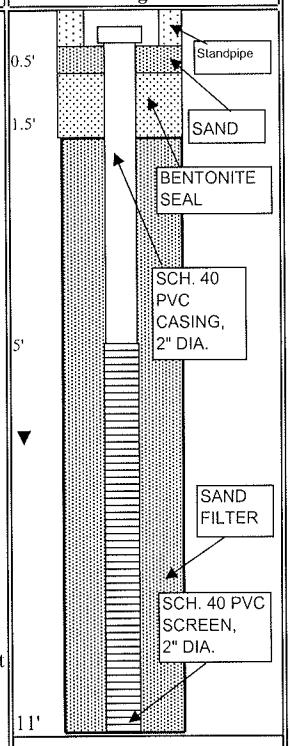
BORING/ WELL No.
MW-1

START DATE	3/9/2006	BORING DEPTH	13 feet
CONTRACTOR	Geologic-Earth Exploration	WELL DEPTH	11 feet
DRILLERS	Charlie and John	RISER LENGTH	1 foot
GEOLOGIST	Jesse Edmands	SCREEN LENGTH	10 feet
DRILLING METHOD	ATV Hollow Stem Auger	SLOT SIZE	0.02 inches
SAMPLING METHOD	Split Spoon every 5'	LOCATION	West of warehouse (in woods)

PAGE 1 of 1

Depth	Elevation	Sample Range	Blows per 6 inches	Rec. Length	OVM (ppm)	Field Description and Remarks
0		0' - 2'	2-13-35-Refusal	1"	1.2	Brown coarse SAND, little silt, little fine gravel, moist coal ash/pieces, no odor
1'						
2'						
3'						
4'						
5'		5' - 7'	19-16-28-32	1"	1.2	Brown coarse sand, little silt, trace coal pieces, trace coarse gravel, wet at 7'.
6'						
7'						Note: Cobbles (2" Di.) brought to surface by augers slow drilling
8'						Composited soil sample from 0'-2' and 5'-7' for analyses
9'						
10'		10' - 12'	14-13-11-10	6"	NA	Brown fine to coarse SAND and GRAVEL, little silt, wet no odor
11'						
12'						
13'						Total Boring Depth = 13'
14'						

Well Construction Diagram



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Well Completion Log
Former Holbrook Chemical
3 Phillips Road, Holbrook, MA

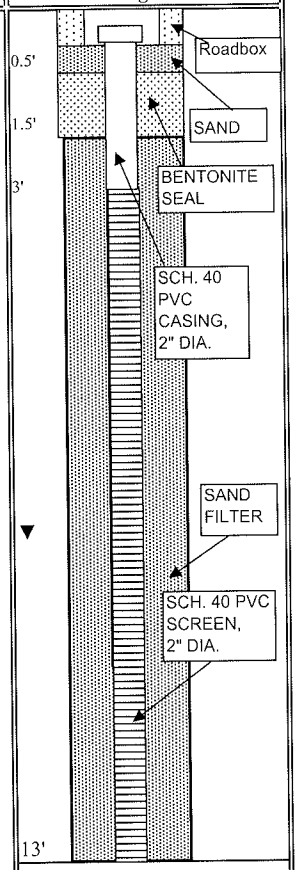
BORING/ WELL No.
MW-2

START DATE	3/9/2006	BORING DEPTH	15 feet
CONTRACTOR	Geologic-Earth Exploration	WELL DEPTH	13 feet
DRILLERS	Charlie and John	RISER LENGTH	5 foot
GEOLOGIST	Jesse Edmands	SCREEN LENGTH	10 feet
DRILLING METHOD	ATV Hollow Stem Auger	SLOT SIZE	0.02 inches
SAMPLING METHOD	Split Spoon every 5'	LOCATION	North of garage (in driveway)

PAGE
1 of 1

Depth	Elevation	Sample Range	Blows per 6 inches	Rec. Length	OVM (ppm)	Field Description and Remarks
0		0' - 2'	100	3"	3	Brown fine to coarse SAND and GRAVEL, little to no fines, dry, no odor
1'						
2'						
3'						
4'						
5'		5' - 7'	36-23-16-21	6"	3.4	Brown fine to coarse SAND and GRAVEL, little to no fines, dry, no odor
6'						
7'						
8'						Groundwater between 7'-10'
9'						Collected soil sample 5'-7' for lab analyses
10'						
11'						
12'						
13						
14'						
15'						
						Total Boring Depth = 15'

Well Construction Diagram



BORING NUMBER B-1

Woodard and Curran

CLIENT _____ **PROJECT NAME** _____

PROJECT NUMBER 218390 **PROJECT LOCATION** 3 Phillips Road Holbrook, Massachusetts

DATE STARTED 6/11/09 **COMPLETED** 6/11/09 **GROUND ELEVATION** ft **HOLE SIZE** 6

DRILLING CONTRACTOR New Hampshire Boring **GROUND WATER LEVELS:**

DRILLING METHOD Hollow stemmed auger **AT TIME OF DRILLING** ---

LOGGED BY Dan Clinton **CHECKED BY** Craig Blake **NAD 1983 COORDINATES (ft)** (E), (N)

NOTES _____

DEPTH (ft)	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data (ppmv)
0						
			SM		(SM) LOAM	
					0.5	
					(GP) Brown, fine SAND, some coarse gravel	
	83	5-5-14-31 (19)	GP			
2					2.0	
					(GP) Brown, dry, coarse SAND and coarse Gravel	PID = 1.1
	75	38-66-95-52 (161)	GP			
4					4.0	
			GP		(GP) Brown, dry, coarse SAND and coarse gravel	PID = 0
	92	46-68-71-125 (139)			5.0	
			GP		(GP) Brown, damp, coarse SAND and coarse gravel	
6					6.0	
					No sample collected. Boring was continued for Geotechnical purposes.	PID = 0
8					8.0	
					(GP) Brown, wet, fine SAND, some Silt and coarse gravel	PID = 0
10	67	68-67-61-55 (128)	GP			
					11.0	

Refusal at 11.0 feet.
Bottom of borehole at 11.0 feet.

NOTES

BEEDE - GINT STD US.GDT - 6/25/09 15:37 - \\DEDHAM\PROJECTS\218390 HOLBROOK ENV LOGISTICS PARTNER - PHILIPPS RD\WIP\GINT.GPJ

BORING NUMBER B-2

Woodard and Curran

CLIENT _____ **PROJECT NAME** _____

PROJECT NUMBER 218390 **PROJECT LOCATION** 3 Phillips Road Holbrook, Massachusetts

DATE STARTED 6/8/09 **COMPLETED** 6/8/09 **GROUND ELEVATION** ft **HOLE SIZE** 6

DRILLING CONTRACTOR New Hampshire Boring **GROUND WATER LEVELS:**

DRILLING METHOD Hollow stemmed auger **AT TIME OF DRILLING** ---

LOGGED BY Dan Clinton **CHECKED BY** Craig Blake **NAD 1983 COORDINATES (ft)** (E), (N)

NOTES _____

DEPTH (ft)	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data (ppmv)
0						
2	42	30-20-15-15 (35)	GP		(GP) Brownish-tan, dry, fine SAND, some crushed cobble	PID = 0.2
					2.0	
4	21	25-15-15-20 (30)	GP		(GP) Brownish-tan, dry, fine SAND, with some crushed cobble	PID = 0
					4.0	
6	63	12-11-10-5 (21)	GP		(GP) Brownish-tan, dry, fine SAND, with some crushed cobble	PID = 0
					6.0	
8	21	30-45-100 (145)	GP		(GP) Brownish-tan, damp, fine SAND, with some crushed cobble. Refusal At 7fbg	PID = 0
					7.0	

Refusal at 7.0 feet.
Bottom of borehole at 8.0 feet.

NOTES

BEEDE - GINT STD US.GDT - 6/25/09 15:37 - \\DEDHAM\PROJECTS\218390 HOLBROOK ENV LOGISTICS PARTNER - PHILIPPS RD\WIP\GINT.GPJ

BORING NUMBER B-2A

Woodard and Curran

CLIENT _____ **PROJECT NAME** _____

PROJECT NUMBER 218390 **PROJECT LOCATION** 3 Phillips Road Holbrook, Massachusetts

DATE STARTED 6/8/09 **COMPLETED** 6/8/09 **GROUND ELEVATION** ft **HOLE SIZE** 6

DRILLING CONTRACTOR New Hampshire Boring **GROUND WATER LEVELS:**

DRILLING METHOD Hollow stemmed auger ▽ **AT TIME OF DRILLING** 9.00 ft Observed in spilt-spoon sample

LOGGED BY Dan Clinton **CHECKED BY** Craig Blake **NAD 1983 COORDINATES (ft)** (E), (N)

NOTES _____

DEPTH (ft)	RECOVERY %	BLOW COUNTS (N VALUE)	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data (ppmv)
0			Boring B-2A was directly driven to 8fbg within 5 feet of B-2. Sample was composited with B-2 (6-8fbg) and submitted for laboratory VOC-8260 analysis. This sample considered repersentative of the soil at this area.			Direct Drive to 8 feet below grade	
2							
4							
6							
8						8.0	
	50	24-38-26-23 (64)		GP		(GP) Dark brown, Damp to Wet, coarse and fine SAND, little subangular fine gravel.	
						9.0 ▽	
10				GP		(GP) Brown, wet, fine SAND, some crushed cobble	PID = 0
						10.0	

NOTES

Bottom of borehole at 10.0 feet.

BEEDE - GINT STD US.GDT - 6/25/09 15:37 - \\DEDHAM\PROJECTS\218390 HOLBROOK ENV LOGISTICS PARTNER - PHILIPPS RD\WIP\GINT.GPJ

BORING NUMBER B-3

Woodard and Curran

CLIENT _____ **PROJECT NAME** _____

PROJECT NUMBER 218390 **PROJECT LOCATION** 3 Phillips Road Holbrook, Massachusetts

DATE STARTED 6/9/09 **COMPLETED** 6/9/09 **GROUND ELEVATION** ft **HOLE SIZE** 6

DRILLING CONTRACTOR New Hampshire Boring **GROUND WATER LEVELS:**

DRILLING METHOD Hollow stemmed auger **AT TIME OF DRILLING** ---

LOGGED BY Dan Clinton **CHECKED BY** Craig Blake **NAD 1983 COORDINATES (ft)** (E), (N)

NOTES _____

DEPTH (ft)	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data (ppmv)
0						
2	8	15-20-24-13 (44)	GP		(GP) Dark brown, dry, medium to fine SAND, some fine gravel and fine pebbles	
					2.0	
4	0	25-20-14-12 (34)	GP		(GP) No signifiacant recovery for proper characterization	PID = 1
					4.0	
6	42	17-17-13-23 (30)	GP		(GP) Light brown, dry, medium to fine SAND, some coarse gravel and fine pebbles	PID = 1.1
					5.5	
			GP		(GP) Dark brown, damp, fine SAND, little fine pebbles	
					6.0	
8	33	30-27-24 (51)	GP		(GP) Light borwn, damp, fine SAND, little coarse pebbles	PID = 0
					8.0	
10						

Refusal at 8.0 feet.
Bottom of borehole at 10.0 feet.

NOTES

BEEDE - GINT STD US.GDT - 6/25/09 15:37 - \\DEDHAM\PROJECTS\218390 HOLBROOK ENV LOGISTICS PARTNER - PHILIPPS RD\WIP\GINT.GPJ

BORING NUMBER B-4

Woodard and Curran

CLIENT | **PROJECT NAME**

PROJECT NUMBER 218390 | **PROJECT LOCATION** 3 Phillips Road Holbrook, Massachusetts

DATE STARTED 6/8/09 **COMPLETED** 6/8/09 | **GROUND ELEVATION** ft **HOLE SIZE** 6

DRILLING CONTRACTOR New Hampshire Boring | **GROUND WATER LEVELS:**

DRILLING METHOD Hollow stemmed auger | ▽ **AT TIME OF DRILLING** 6.00 ft

LOGGED BY Dan Clinton **CHECKED BY** Craig Blake | **NAD 1983 COORDINATES (ft)** (E), (N)

NOTES

DEPTH (ft)	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data (ppmv)
0						
2	17	20-22-26-46 (48)	GP		(GP) Brown, dry, dense, coarse to fine SAND, little crushed cobble	PID = 0
4	17	42-24-24-32 (48)	GP		2.0 (GP) Brown, dry, medium to fine SAND, little crushed cobble, w/trace coal ash	PID = 0
6	42	25-22-14-20 (36)	GP		4.0 (GP) Brownish-orange, damp, coarse to fine SAND	PID = 0
			GP		5.0 (GP) Brown, damp to wet, coarse SAND, some fine gravel	
8	42	12-9-12-12 (21)	GP		6.0 ▽ (GP) Brown, wet, coarse to fine SAND, some coarse gravel, some crushed cobble	
10	38	12-9-7-11 (16)	GP		8.0 (GP) Brown, wet, fine SAND, trace fine gravel	PID = 0
12					10.0	
14						

Refusal at 14.0 feet.
Bottom of borehole at 14.0 feet.

NOTES

BEEDE - GINT STD US.GDT - 6/25/09 15:37 - \\DEDHAM\PROJECTS\218390 HOLBROOK ENV LOGISTICS PARTNER - PHILIPPS RD\WIP\GINT.GPJ

BORING NUMBER B-5

Woodard and Curran

CLIENT _____ **PROJECT NAME** _____

PROJECT NUMBER 218390 **PROJECT LOCATION** 3 Phillips Road Holbrook, Massachusetts

DATE STARTED 6/8/09 **COMPLETED** 6/9/09 **GROUND ELEVATION** ft **HOLE SIZE** 6

DRILLING CONTRACTOR New Hampshire Boring **GROUND WATER LEVELS:**

DRILLING METHOD Hollow stemmed auger ▽ **AT TIME OF DRILLING** 8.00 ft Water was encountered at approximately 8

LOGGED BY Dan Clinton **CHECKED BY** Craig Blake **NAD 1983 COORDINATES (ft)** (E), (N)

NOTES _____

DEPTH (ft)	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data (ppmv)
0						
2	33	20-9-10-9 (19)	GP		(GP) Brown, dry, medium and fine SAND, some fine subangular gravel	
4	33	30-20-10-6 (30)	GP		(GP) Brown, dry, medium and fine SAND, some fine subangular gravel	PID = 0
6	33	20-40-15-9 (55)	GP		(GP) Brown, dry, medium and fine SAND, some fine subangular gravel	PID = 0
8	17	25-39-37-14 (76)	GP		(GP) Brown, damp to wet, coarse SAND and Gravel, some coarse crushed cobble	PID = 0
10	25	13-5-13-14 (18)	GP		(GP) Brown, saturated, fine SAND and fine Gravel, some fine pebbles	PID = 7.5
					Refusal at 10.0 feet. Bottom of borehole at 10.0 feet.	PID = 1

2.0

4.0

6.0

8.0 ▽

10.0

NOTES

BEEDE - GINT STD US.GDT - 6/25/09 15:37 - \\DEDHAM\PROJECTS\218390 HOLBROOK ENV LOGISTICS PARTNER - PHILIPPS RD\WIP\GINT.GPJ

BORING NUMBER SAB-1

Woodard and Curran

CLIENT _____ **PROJECT NAME** _____

PROJECT NUMBER 218390 **PROJECT LOCATION** 3 Phillips Road Holbrook, Massachusetts

DATE STARTED 6/8/09 **COMPLETED** 6/8/09 **GROUND ELEVATION** ft **HOLE SIZE** 6

DRILLING CONTRACTOR New Hampshire Boring **GROUND WATER LEVELS:**

DRILLING METHOD Hollow stemmed auger **AT TIME OF DRILLING** ---

LOGGED BY Dan Clinton **CHECKED BY** Craig Blake **NAD 1983 COORDINATES (ft)** (E), (N)

NOTES _____

DEPTH (ft)	RECOVERY %	BLOW COUNTS (N VALUE)	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data (ppmv)
0				SP		(SP) Blackish-brown, coarse to fine SAND	
						0.5	
				GP		(GP) Light brown, fine SAND, some fine gravel	
						1.0	
	42	10-10-50 (60)		GP		(GP) Brown, dry, fine SAND, some crushed cobble	PID = 0
2						2.0	
				GP		(GP) Brown, dry, fine SAND, some crushed cobble	
	42	50-36-45-58 (81)					PID = 0
4						4.0	
				GP		(GP) Refusal at 5-feet	
	0	50	Refusal at 5-fbg. Split spoon sample not taken.			5.0	
						Refusal at 5.0 feet. Bottom of borehole at 5.0 feet.	

NOTES

BEEDE - GINT STD US.GDT - 6/25/09 15:37 - \\DEDHAM\PROJECTS\218390 HOLBROOK ENV LOGISTICS PARTNER - PHILIPPS RD\WIP\GINT.GPJ

BORING NUMBER SAB-2

Woodard and Curran

CLIENT _____ **PROJECT NAME** _____

PROJECT NUMBER 218390 **PROJECT LOCATION** 3 Phillips Road Holbrook, Massachusetts

DATE STARTED 6/11/09 **COMPLETED** 6/11/09 **GROUND ELEVATION** ft **HOLE SIZE** 6

DRILLING CONTRACTOR New Hampshire Boring **GROUND WATER LEVELS:**

DRILLING METHOD Hollow stemmed auger **AT TIME OF DRILLING** ---

LOGGED BY Dan Clinton **CHECKED BY** Craig Blake **NAD 1983 COORDINATES (ft)** (E), (N)

NOTES _____

DEPTH (ft)	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data (ppmv)
0						
	25	2-2-3-3 (5)	SM		(SM) LOAM	
					0.5	
			SM		(SM) Brown, dry, medium and fine SAND, trace Silt	
2					2.0	
	50	3-5-20-58 (25)	GP		(GP) Light brown, dry, fine SAND, little fine gravel and pebbles	PID = 1.4
					3.0	
			GP		(GP) Gray-brown, dry, coarse and medium SAND, some coarse gravel (crushed)	
4					4.0	
	83	52-57-62-94 (119)	GW-GM		(GW-GM) Brown, dry, medium and fine SAND, trace Silt, some crushed cobble	PID = 0
					5.5	
			GP		(GP) Brown, dry, mdium and fine SAND, some fine pebbles	
6					6.0	
						PID = 0

Refusal at 7.0 feet.
Bottom of borehole at 7.0 feet.

NOTES

BEEDE - GINT STD US.GDT - 6/25/09 15:37 - \\DEDHAM\PROJECTS\218390 HOLBROOK ENV LOGISTICS PARTNER - PHILIPPS RD\WP\GINT.GPJ

BORING NUMBER SAB-3B

Woodard and Curran

CLIENT _____ **PROJECT NAME** _____

PROJECT NUMBER 218390 **PROJECT LOCATION** 3 Phillips Road Holbrook, Massachusetts

DATE STARTED 6/11/09 **COMPLETED** 6/11/09 **GROUND ELEVATION** ft **HOLE SIZE** 6

DRILLING CONTRACTOR New Hampshire Boring **GROUND WATER LEVELS:**

DRILLING METHOD Hollow stemmed auger **AT TIME OF DRILLING** ---

LOGGED BY Dan Clinton **CHECKED BY** Craig Blake **NAD 1983 COORDINATES (ft)** (E), (N)

NOTES _____

DEPTH (ft)	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data (ppmv)
0	300	17-39/0"	GP		(GP) Brown, dry, medium and fine SAND, some coarse pebbles	
					1.0	
	50	93	GM		(GM) Gray, dry, fine SAND, with trace Silt, crushed cobble	
					1.5	
2	50	50	GP		(GP) Brown, dry, medium and fine SAND, some coarse pebbles	
					2.0	
	0	36-37-12-11 (49)	GP		(GP) Gravel obstructed spilt spoon, no recovery	PID = 0
					4.0	
	25	15-11-32-32 (43)	GP		(GP) Brown- orange, dry to damp, coarse and fine SAND, some fine gravel. trace Silt	PID = 0
					6.0	

NOTES

Refusal at 2.0 feet.
Bottom of borehole at 2.0 feet.

BEEDE - GINT STD US.GDT - 6/25/09 15:37 - \\DEDHAM\PROJECTS\218390 HOLBROOK ENV LOGISTICS PARTNER - PHILIPPS RD\WIP\GINT.GPJ

BORING NUMBER SAB-4

Woodard and Curran

CLIENT _____ **PROJECT NAME** _____

PROJECT NUMBER 218390 **PROJECT LOCATION** 3 Phillips Road Holbrook, Massachusetts

DATE STARTED 6/9/09 **COMPLETED** 6/9/09 **GROUND ELEVATION** ft **HOLE SIZE** 6

DRILLING CONTRACTOR New Hampshire Boring **GROUND WATER LEVELS:**

DRILLING METHOD Hollow stemmed auger **AT TIME OF DRILLING** ---

LOGGED BY Dan Clinton **CHECKED BY** Craig Blake **NAD 1983 COORDINATES (ft)** (E), (N)

NOTES _____

DEPTH (ft)	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data (ppmv)
0						
	21	3-14-48-53 (62)	GP		(GP) Light brown, dry, medium SAND, some fine and coarse pebbles	
					1.8	
2			GP		(GP) Grayish-brown, pulverized cobble	
					2.0	
	50	18-27-97-34 (124)	GP		(GP) Ligth brown, dry, medium and fine SAND, some coarse pebbles	PID = 0
					3.8	
4			GP		(GP) Gray, dry. pulverized cobble	
					4.0	
	50	57-75-60-80 (135)	MH		(MH) brown, damp, fine SILT	PID = 0
					4.5	
			GP		(GP) Brown-gray, dry, medium and fine SAND, some fine pebbles, little crushed cobble	
6					6.0	
					Bottom of borehole at 6.0 feet.	PID = 0

NOTES

BEEDE - GINT STD US.GDT - 6/25/09 15:37 - \\DEDHAM\PROJECTS\218390 HOLBROOK ENV LOGISTICS PARTNER - PHILIPPS RD\WIP\GINT.GPJ

BORING NUMBER SAB-5

Woodard and Curran

CLIENT _____ **PROJECT NAME** _____

PROJECT NUMBER 218390 **PROJECT LOCATION** 3 Phillips Road Holbrook, Massachusetts

DATE STARTED 6/9/09 **COMPLETED** 6/9/09 **GROUND ELEVATION** ft **HOLE SIZE** 6

DRILLING CONTRACTOR New Hampshire Boring **GROUND WATER LEVELS:**

DRILLING METHOD Hollow stemmed auger **AT TIME OF DRILLING** ---

LOGGED BY Dan Clinton **CHECKED BY** Craig Blake **NAD 1983 COORDINATES (ft)** (E), (N)

NOTES _____

DEPTH (ft)	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	Environmental Data (ppmv)
0						
	42	12-15-20-20 (35)	GP		(GP) Light brown, dry, medium SAND, some coarse and fine pebbles and gravel, little crushed cobble	
					1.8	
2			GP		(GP) Coarse broken cobble stuck in split spoon	
					2.0	
	63	36-30-45-40 (75)	GP		(GP) Light brown, dry, medium SAND, some coarse and fine pebbles and gravel, little crushed cobble	PID = 0.2
4					4.0	
	63	40-64-42 (106)	SP		(SP) Brown-orange, dry, medium SAND (oxidized layer)	PID = 0.2
					5.0	
			SC-SM		(SC-SM) Light tannish-brown, medium and fine SAND, trace grayish Silt	
6					6.0	
					Bottom of borehole at 6.0 feet.	PID = 0

BEEDE - GINT STD US.GDT - 6/25/09 15:37 - \\DEDHAM\PROJECTS\218390 HOLBROOK ENV LOGISTICS PARTNER - PHILIPPS RD\WIP\GINT.GPJ

NOTES

APPENDIX F: ANALYTICAL REPORTS

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0408900-02
MH S-1
Sample Matrix: SOIL

Date Collected: 16-AUG-2004 14:00
Date Received : 17-AUG-2004
Date Reported : 24-AUG-2004

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Container: 1-Glass,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	77.	%	0.10	30 2540G		0817 21:41	RT
Physiologically Available Cyanide by MCP 9014							
Cyanide, Physiologically Available	ND	mg/kg	1.1	57 9014	0818 09:30	0818 19:35	DE
Total Metals by MCP 6000/7000 series				60 6010B			
Antimony, Total	7.0	mg/kg	2.6	60 6010B	0818 15:00	0820 17:19	MG
Arsenic, Total	21.	mg/kg	0.51	60 6010B	0818 15:00	0820 17:19	MG
Barium, Total	89.	mg/kg	0.51	60 6010B	0818 15:00	0820 17:19	MG
Beryllium, Total	ND	mg/kg	0.26	60 6010B	0818 15:00	0820 17:19	MG
Cadmium, Total	ND	mg/kg	0.51	60 6010B	0818 15:00	0820 17:19	MG
Chromium, Total	78.	mg/kg	0.51	60 6010B	0818 15:00	0820 17:19	MG
Lead, Total	450	mg/kg	2.6	60 6010B	0818 15:00	0820 17:19	MG
Total Metals							
Mercury, Total	0.09	mg/kg	0.08	54 7471A	0820 16:45	0823 10:36	DM
Total Metals by MCP 6000/7000 series				60 6010B			
Nickel, Total	19.	mg/kg	1.3	60 6010B	0818 15:00	0820 17:19	MG
Selenium, Total	ND	mg/kg	2.6	60 6010B	0818 15:00	0820 17:19	MG
Silver, Total	47.	mg/kg	0.51	60 6010B	0818 15:00	0820 17:19	MG
Thallium, Total	ND	mg/kg	2.6	60 6010B	0818 15:00	0820 17:19	MG
Vanadium, Total	14.	mg/kg	0.51	60 6010B	0818 15:00	0820 17:19	MG
Zinc, Total	87.	mg/kg	2.6	60 6010B	0818 15:00	0820 17:19	MG
Volatile Organics by MCP 8260B/5035-High				60 8260B		0823 14:25	ST
Methylene chloride	ND	ug/kg	800				
1,1-Dichloroethane	ND	ug/kg	120				
Chloroform	ND	ug/kg	120				
Carbon tetrachloride	ND	ug/kg	80.				
1,2-Dichloropropane	ND	ug/kg	280				
Dibromochloromethane	ND	ug/kg	80.				
1,1,2-Trichloroethane	ND	ug/kg	120				
Tetrachloroethene	ND	ug/kg	80.				

Comments: Complete list of References and Glossary of Terms found in Addendum I

Aug 31 05 08:42a Jack Walsh 508-520-0883 p.9

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0408900-02
MH S-1

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B/5035-High continued				40,8260B			
Chlorobenzene	ND	ug/kg	80.				
Trichlorofluoromethane	ND	ug/kg	400				
1,2-Dichloroethane	ND	ug/kg	80.				
1,1,1-Trichloroethane	ND	ug/kg	80.				
Bromodichloromethane	ND	ug/kg	80.				
trans-1,3-Dichloropropene	ND	ug/kg	80.				
cis-1,3-Dichloropropene	ND	ug/kg	80.				
1,1-Dichloropropene	ND	ug/kg	400				
Bromoform	ND	ug/kg	320				
1,1,2,2-Tetrachloroethane	ND	ug/kg	80.				
Benzene	ND	ug/kg	80.				
Toluene	130	ug/kg	120				
Ethylbenzene	ND	ug/kg	80.				
Chloromethane	ND	ug/kg	400				
Bromomethane	ND	ug/kg	160				
Vinyl chloride	ND	ug/kg	160				
Chloroethane	ND	ug/kg	160				
1,1-Dichloroethene	ND	ug/kg	80.				
trans-1,2-Dichloroethene	ND	ug/kg	120				
Trichloroethene	ND	ug/kg	80.				
1,2-Dichlorobenzene	ND	ug/kg	400				
1,3-Dichlorobenzene	ND	ug/kg	400				
1,4-Dichlorobenzene	ND	ug/kg	400				
Methyl tert butyl ether	ND	ug/kg	160				
p/m-Xylene	ND	ug/kg	80.				
o-Xylene	ND	ug/kg	80.				
cis-1,2-Dichloroethene	ND	ug/kg	80.				
Dibromomethane	ND	ug/kg	800				
1,2,3-Trichloropropane	ND	ug/kg	800				
Styrene	ND	ug/kg	80.				
Dichlorodifluoromethane	ND	ug/kg	800				
Acetone	ND	ug/kg	800				
Carbon disulfide	ND	ug/kg	800				
2-Butanone	ND	ug/kg	800				
4-Methyl-2-pentanone	ND	ug/kg	800				
2-Hexanone	ND	ug/kg	800				
Bromochloromethane	ND	ug/kg	400				
Tetrahydrofuran	ND	ug/kg	1600				
2,2-Dichloropropane	ND	ug/kg	400				
1,2-Dibromoethane	ND	ug/kg	320				
1,3-Dichloropropane	ND	ug/kg	400				
1,1,1,2-Tetrachloroethane	ND	ug/kg	80.				
Bromobenzene	ND	ug/kg	400				
n-Butylbenzene	170	ug/kg	80.				
sec-Butylbenzene	ND	ug/kg	80.				
tert-Butylbenzene	ND	ug/kg	400				
o-Chlorotoluene	ND	ug/kg	400				
p-Chlorotoluene	ND	ug/kg	400				
1,2-Dibromo-3-chloropropane	ND	ug/kg	400				

Comments: Complete list of References and Glossary of Terms found in Addendum I

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ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0408900-02
MH S-1

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by MCP 8260B/5035-High continued							
Hexachlorobutadiene	ND	ug/kg	400				
Isopropylbenzene	ND	ug/kg	80.				
p-Isopropyltoluene	80.	ug/kg	80.				
Naphthalene	470	ug/kg	400				
n-Propylbenzene	ND	ug/kg	80.				
1,2,3-Trichlorobenzene	ND	ug/kg	400				
1,2,4-Trichlorobenzene	ND	ug/kg	400				
1,3,5-Trimethylbenzene	ND	ug/kg	400				
1,2,4-Trimethylbenzene	ND	ug/kg	400				
Ethyl ether	ND	ug/kg	400				
Isopropyl Ether	ND	ug/kg	320				
Ethyl-Tert-Butyl-Ether	ND	ug/kg	320				
Tertiary-Amyl Methyl Ether	ND	ug/kg	320				
1,4-Dioxane	ND	ug/kg	40000				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	87.0	%	70-130				
Toluene-d8	102.	%	70-130				
4-Bromofluorobenzene	97.0	%	70-130				
Dibromofluoromethane	87.0	%	70-130				
Semivolatile Organics by MCP 8270C							
Acenaphthene	ND	ug/kg	430000				
1,2,4-Trichlorobenzene	ND	ug/kg	430000				
Hexachlorobenzene	ND	ug/kg	430000				
Bis(2-chloroethyl)ether	ND	ug/kg	430000				
2-Chloronaphthalene	ND	ug/kg	430000				
1,2-Dichlorobenzene	ND	ug/kg	430000				
1,3-Dichlorobenzene	ND	ug/kg	430000				
1,4-Dichlorobenzene	ND	ug/kg	430000				
3,3'-Dichlorobenzidine	ND	ug/kg	860000				
2,4-Dinitrotoluene	ND	ug/kg	430000				
2,6-Dinitrotoluene	ND	ug/kg	430000				
Azobenzene	ND	ug/kg	430000				
Fluoranthene	ND	ug/kg	430000				
4-Bromophenyl phenyl ether	ND	ug/kg	430000				
Bis(2-chloroisopropyl)ether	ND	ug/kg	430000				
Bis(2-chloroethoxy)methane	ND	ug/kg	430000				
Hexachlorobutadiene	ND	ug/kg	860000				
Hexachloroethane	ND	ug/kg	430000				
Isophorone	ND	ug/kg	430000				
Naphthalene	ND	ug/kg	430000				
Nitrobenzene	ND	ug/kg	430000				
Bis(2-Ethylhexyl)phthalate	13000000	ug/kg	860000				
Butyl benzyl phthalate	ND	ug/kg	430000				
Di-n-butylphthalate	ND	ug/kg	430000				
Di-n-octylphthalate	ND	ug/kg	430000				
Diethyl phthalate	ND	ug/kg	430000				
Dimethyl phthalate	ND	ug/kg	430000				

Comments: Complete list of References and Glossary of Terms found in Addendum I

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ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0408900-02
MH S-1

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Semivolatile Organics by MCP 8270C continued				51 8270C			
Benzo(a)anthracene	ND	ug/kg	430000				
Benzo(a)pyrene	ND	ug/kg	430000				
Benzo(b)fluoranthene	ND	ug/kg	430000				
Benzo(k)fluoranthene	ND	ug/kg	430000				
Chrysene	ND	ug/kg	430000				
Acenaphthylene	ND	ug/kg	430000				
Anthracene	ND	ug/kg	430000				
Benzo(ghi)perylene	ND	ug/kg	430000				
Fluorene	ND	ug/kg	430000				
Phenanthrene	ND	ug/kg	430000				
Dibenzo(a,h)anthracene	ND	ug/kg	430000				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	430000				
Pyrene	ND	ug/kg	430000				
Aniline	ND	ug/kg	860000				
4-Chloroaniline	ND	ug/kg	430000				
Dibenzofuran	ND	ug/kg	430000				
2-Methylnaphthalene	ND	ug/kg	430000				
Acetophenone	ND	ug/kg	1700000				
2,4,6-Trichlorophenol	ND	ug/kg	430000				
2-Chlorophenol	ND	ug/kg	520000				
2,4-Dichlorophenol	ND	ug/kg	860000				
2,4-Dimethylphenol	ND	ug/kg	430000				
2-Nitrophenol	ND	ug/kg	1700000				
4-Nitrophenol	ND	ug/kg	860000				
2,4-Dinitrophenol	ND	ug/kg	1700000				
Pentachlorophenol	ND	ug/kg	1700000				
Phenol	ND	ug/kg	610000				
2-Methylphenol	ND	ug/kg	520000				
3-Methylphenol/4-Methylphenol	ND	ug/kg	520000				
2,4,5-Trichlorophenol	ND	ug/kg	430000				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	30-130				
Phenol-d6	ND	%	30-130				
Nitrobenzene-d5	ND	%	30-130				
2-Fluorobiphenyl	ND	%	30-130				
2,4,6-Tribromophenol	ND	%	30-130				
4-Terphenyl-d14	ND	%	30-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

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ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0408900-02
MH S-1

PARAMETER	RESULT	UNITS	RDL	REP METHOD	DATE PREP	DATE ANAL	ID
Extractable Petroleum Hydrocarbons				6/EPH-04-1	0818 2015	0821 1210	EM

Quality Control Information

Condition of sample received:	Satisfactory
Sample temperature upon receipt:	Received on Ice
Sample extraction method:	Extracted Per the Method
Were all QA/QC procedures REQUIRED by the method followed?	YES
Were all performance/acceptance standards for the required procedures achieved?	NO
1. One or more of the extraction surrogate recoveries were less than 40%.	
Were significant modifications made to the method as specified in Sect 11.3?	NO

The normal acceptance range for the extraction surrogates, Chloro-octadecane and o-Terphenyl, is 40-140%.
The normal acceptance range for the fractionation surrogates, 2-Fluorobiphenyl and 2-Bromonaphthalene, is 40-140%.

C9-C18 Aliphatics	ND	mg/kg	433.
C19-C36 Aliphatics	699.	mg/kg	433.
C11-C22 Aromatics	5830	mg/kg	433.
C11-C22 Aromatics, Adjusted	5830	mg/kg	433.
Naphthalene	ND	mg/kg	21.6
2-Methylnaphthalene	ND	mg/kg	21.6
Acenaphthylene	ND	mg/kg	21.6
Acenaphthene	ND	mg/kg	21.6
Fluorene	ND	mg/kg	21.6
Phenanthrene	ND	mg/kg	21.6
Anthracene	ND	mg/kg	21.6
Fluoranthene	ND	mg/kg	21.6
Pyrene	ND	mg/kg	21.6
Benzo(a)anthracene	ND	mg/kg	21.6
Chrysene	ND	mg/kg	21.6
Benzo(b)fluoranthene	ND	mg/kg	21.6
Benzo(k)fluoranthene	ND	mg/kg	21.6
Benzo(a)pyrene	ND	mg/kg	21.6
Indeno(1,2,3-cd)Pyrene	ND	mg/kg	21.6
Dibenzo(a,h)anthracene	ND	mg/kg	21.6
Benzo(ghi)perylene	ND	mg/kg	21.6

Surrogate(s)	Recovery		QC Criteria
Chloro-Octadecane	ND	%	40-140
o-Terphenyl	ND	%	40-140
2-Fluorobiphenyl	84.0	%	40-140
2-Bromonaphthalene	83.0	%	40-140

Comments: Complete list of References and Glossary of Terms found in Addendum I

Aug 31 05 08:45a Jack Walsh 508-520-0883 p.13

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0408900-06
S-2

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Semivolatile Organics by MCP 8270C continued				1A 8270C			
Chrysene	ND	ug/kg	13000000				
Acenaphthylene	ND	ug/kg	13000000				
Anthracene	ND	ug/kg	13000000				
Benzo(ghi)perylene	ND	ug/kg	13000000				
Fluorene	ND	ug/kg	13000000				
Phenanthrene	ND	ug/kg	13000000				
Dibenzo(a,h)anthracene	ND	ug/kg	13000000				
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	13000000				
Pyrene	ND	ug/kg	13000000				
Aniline	ND	ug/kg	26000000				
4-Chloroaniline	ND	ug/kg	13000000				
Dibenzofuran	ND	ug/kg	13000000				
2-Methylnaphthalene	ND	ug/kg	13000000				
Acetophenone	ND	ug/kg	52000000				
2,4,6-Trichlorophenol	ND	ug/kg	13000000				
2-Chlorophenol	ND	ug/kg	16000000				
2,4-Dichlorophenol	ND	ug/kg	26000000				
2,4-Dimethylphenol	ND	ug/kg	13000000				
2-Nitrophenol	ND	ug/kg	52000000				
4-Nitrophenol	ND	ug/kg	26000000				
2,4-Dinitrophenol	ND	ug/kg	52000000				
Pentachlorophenol	ND	ug/kg	52000000				
Phenol	ND	ug/kg	18000000				
2-Methylphenol	ND	ug/kg	16000000				
3-Methylphenol/4-Methylphenol	ND	ug/kg	16000000				
2,4,5-Trichlorophenol	ND	ug/kg	13000000				
Surrogate(s)	Recovery		QC Criteria				
2-Fluorophenol	ND	%	30-130				
Phenol-d6	ND	%	30-130				
Nitrobenzene-d5	ND	%	30-130				
2-Fluorobiphenyl	ND	%	30-130				
2,4,6-Tribromophenol	ND	%	30-130				
4-Terphenyl-d14	ND	%	30-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

Aug 31 05 08:46a Jack Walsh 508-520-0883 p.15

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number R0316-14

Prepared for:

Attn: Craig Blake
Woodard & Curran
980 Washington St. 325N
Dedham, MA 02026

Report Date: March 31, 2006

Lab # RI010

Electronic Copy

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc.	Project #: 218390
Project Location: Holbrook Chemical	RTN[1]:
This form provides certifications for the following data set: R0316-14	
Sample Matrices: Groundwater ( ) Soil/Sediment (X) Drinking Water ( ) Other:	

SW-846 Methods Used					
	8260B (X)	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C (X)	8081A (X)	VPH (X)	6020 ( )	9014M[2] ( )
	8082 ( )	8021B ( )	EPH (X)	7000 S[3] ( )	Other: ( )

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, and C is required for "Presumptive Certainty" status

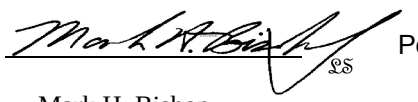
A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes (X) 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] (X)
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) 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: Mark H. Bishop Date: 4/3/2006

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc. Project #: 218390

Project Location: Holbrook Chemical RTN[1]:

This form provides certifications for the following data set: R0313-14

Sample Matrices: Groundwater ( ) Soil/Sediment (X) Drinking Water ( ) Other:

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B (X)	7470A/1A (X)
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 ( )	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

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, and C 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 (X) 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 (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	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 (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) 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: Jodi Lyons Position: Director, Inorganics

Printed Name: Jodi Lyons Date: 03/24/2006

STATEMENTS/CERTIFICATIONS REQUIRED BY THE NATIONAL ENVIRONMENTAL LABORATORY APPROVAL CONFERENCE (NELAC)

New England Testing Laboratory is certified under the National Environmental Laboratory Approval Program (NELAP). This certification requires the following statements and certifications be included in our report.

This report shall not be reproduced, except in full, without written approval of the laboratory.

New England Testing certifies that the test results contained within this report meet all NELAC requirements except as detailed in the Case Narrative section of this report.

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on March 16, 2006. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. The case number for this sample submission is R0316-14.

Custody records are included in this report.

Site: Holbrook Chemical

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
MW-1	3/15/06	Water	Table II, III, IV
MW-2	3/15/06	Water	Table II, III, IV, V
MW-3	3/15/06	Water	Table II, IV
MW-5	3/15/06	Water	Table II, III, IV, V
MW-6	3/15/06	Water	Table II, III, IV, V
M-7SD	3/15/06	Water	Table II, III, IV, V
M-7TWB	3/15/06	Water	Table II, III, V

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
Volatile Organics Compounds	5030B	8260B
Semivolatile Organic Compounds	3510C	8270C
Dissolved Metals		
Arsenic	NA	6010B
Barium	NA	6010B
Cadmium	NA	6010B
Chromium	NA	6010B
Lead	NA	6010B
Mercury	NA	7470A
Selenium	NA	6010B
Silver	NA	6010B

TABLE III, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
EPH	NA	*

TABLE IV, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
Pesticides	3510C	8081A

TABLE V, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
VPH	NA	**

These methods are documented in:

*Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MADEP.

**Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MADEP.

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No trip blank was supplied unless it was identified in such a manner as to be un-interpretable by the laboratory. No field blank was supplied unless it was identified in such a manner as to be un-interpretable by the laboratory. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

Volatile Organic Compounds:

All samples were analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria except where stated below.

Several compounds in the VLCS060326 had recoveries higher than QC limits. This does not affect the data as none of these compounds were detected in the samples.

Semivolatile Organic Compounds:

All samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS), except where stated below, were within method specified quality control criteria.

The LCS recoveries for 4-Chloroaniline, 4,6-Dinitro-2-methylphenol and Diphenylamine were above upper control limits. This does not affect sample results, as these compounds were not detected in any of the samples or the method blank.

Metals:

All analyses were performed according to NETLAB's documented Standard Operating Procedures, within all required holding times, and with appropriate quality control measures. All QC was within laboratory established acceptance criteria. The samples were received, processed, and reported with no anomalies.

Pesticides:

VPH:

All samples were analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

EPH:

All samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

Sample Results

METALS RESULTS

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Metals Analysis Department certifies that the results included in this section have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

New England Testing Laboratory, Inc.

METALS RESULTS

Case Number: R0316-14
Sample ID: MW-1
Date collected: 03/15/06
Matrix WATER
Sample Type: Dissolved

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date Analyzed
Arsenic	7440-38-2	NA	6010B	ND	0.01	0.01	mg/l	3/23/06
Barium	7440-39-3	NA	6010B	0.031	0.005	0.005	mg/l	3/23/06
Cadmium	7440-43-9	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Chromium	7440-47-3	NA	6010B	0.005	0.005	0.005	mg/l	3/23/06
Lead	7439-92-1	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Mercury	7439-97-6	NA	7470A	ND	0.0002	0.0002	mg/l	3/23/06
Selenium	7782-49-2	NA	6010B	0.02	0.01	0.01	mg/l	3/23/06
Silver	7440-22-4	NA	6010B	ND	0.005	0.005	mg/l	3/23/06

ND indicates not Detected

METALS RESULTS

Case Number: R0316-14
Sample ID: MW-2
Date collected: 03/15/06
Matrix WATER
Sample Type: Dissolved

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date Analyzed
Arsenic	7440-38-2	NA	6010B	ND	0.01	0.01	mg/l	3/23/06
Barium	7440-39-3	NA	6010B	0.035	0.005	0.005	mg/l	3/23/06
Cadmium	7440-43-9	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Chromium	7440-47-3	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Lead	7439-92-1	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Mercury	7439-97-6	NA	7470A	ND	0.0002	0.0002	mg/l	3/23/06
Selenium	7782-49-2	NA	6010B	ND	0.01	0.01	mg/l	3/23/06
Silver	7440-22-4	NA	6010B	ND	0.005	0.005	mg/l	3/23/06

ND indicates not Detected

METALS RESULTS

Case Number: R0316-14
Sample ID: MW-3
Date collected: 03/15/06
Matrix WATER
Sample Type: Dissolved

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date Analyzed
Arsenic	7440-38-2	NA	6010B	ND	0.01	0.01	mg/l	3/23/06
Barium	7440-39-3	NA	6010B	0.072	0.005	0.005	mg/l	3/23/06
Cadmium	7440-43-9	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Chromium	7440-47-3	NA	6010B	0.007	0.005	0.005	mg/l	3/23/06
Lead	7439-92-1	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Mercury	7439-97-6	NA	7470A	ND	0.0005	0.0005	mg/l	3/23/06
Selenium	7782-49-2	NA	6010B	0.01	0.01	0.01	mg/l	3/23/06
Silver	7440-22-4	NA	6010B	ND	0.005	0.005	mg/l	3/23/06

ND indicates not Detected

METALS RESULTS

Case Number: R0316-14
Sample ID: MW-5
Date collected: 03/15/06
Matrix WATER
Sample Type: Dissolved

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date Analyzed
Arsenic	7440-38-2	NA	6010B	ND	0.01	0.01	mg/l	3/23/06
Barium	7440-39-3	NA	6010B	0.060	0.005	0.005	mg/l	3/23/06
Cadmium	7440-43-9	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Chromium	7440-47-3	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Lead	7439-92-1	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Mercury	7439-97-6	NA	7470A	ND	0.0002	0.0002	mg/l	3/23/06
Selenium	7782-49-2	NA	6010B	0.01	0.01	0.01	mg/l	3/23/06
Silver	7440-22-4	NA	6010B	ND	0.005	0.005	mg/l	3/23/06

ND indicates not Detected

METALS RESULTS

Case Number: R0316-14
Sample ID: MW-6
Date collected: 03/15/06
Matrix WATER
Sample Type: Dissolved

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date Analyzed
Arsenic	7440-38-2	NA	6010B	ND	0.01	0.01	mg/l	3/23/06
Barium	7440-39-3	NA	6010B	0.076	0.005	0.005	mg/l	3/23/06
Cadmium	7440-43-9	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Chromium	7440-47-3	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Lead	7439-92-1	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Mercury	7439-97-6	NA	7470A	ND	0.0002	0.0002	mg/l	3/23/06
Selenium	7782-49-2	NA	6010B	0.01	0.01	0.01	mg/l	3/23/06
Silver	7440-22-4	NA	6010B	ND	0.005	0.005	mg/l	3/23/06

ND indicates not Detected

METALS RESULTS

Case Number: R0316-14
Sample ID: MW-7SD
Date collected: 03/15/06
Matrix WATER
Sample Type: Dissolved

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date Analyzed
Arsenic	7440-38-2	NA	6010B	ND	0.01	0.01	mg/l	3/23/06
Barium	7440-39-3	NA	6010B	0.065	0.005	0.005	mg/l	3/23/06
Cadmium	7440-43-9	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Chromium	7440-47-3	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Lead	7439-92-1	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Mercury	7439-97-6	NA	7470A	ND	0.0002	0.0002	mg/l	3/23/06
Selenium	7782-49-2	NA	6010B	ND	0.01	0.01	mg/l	3/23/06
Silver	7440-22-4	NA	6010B	ND	0.005	0.005	mg/l	3/23/06

ND indicates not Detected

METALS RESULTS

Case Number: R0316-14
Sample ID: MW-7TWB
Date collected: 03/15/06
Matrix WATER
Sample Type: Dissolved

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date Analyzed
Arsenic	7440-38-2	NA	6010B	ND	0.01	0.01	mg/l	3/23/06
Barium	7440-39-3	NA	6010B	0.049	0.005	0.005	mg/l	3/23/06
Cadmium	7440-43-9	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Chromium	7440-47-3	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Lead	7439-92-1	NA	6010B	ND	0.005	0.005	mg/l	3/23/06
Mercury	7439-97-6	NA	7470A	ND	0.0002	0.0002	mg/l	3/23/06
Selenium	7782-49-2	NA	6010B	0.02	0.01	0.01	mg/l	3/23/06
Silver	7440-22-4	NA	6010B	ND	0.005	0.005	mg/l	3/23/06

ND indicates not Detected

LCS RECOVERY

Parameter	True Value	Result	Units	Recovery, %	Internal LCL, %	Internal UCL, %	Date Analyzed
Arsenic	1	1.07	mg/l	107	67	120	3/23/06
Barium	1	1.05	mg/l	105	86	108	3/23/06
Cadmium	1	1.02	mg/l	102	87	113	3/23/06
Chromium	1	1	mg/l	100	89	107	3/23/06
Lead	1	0.991	mg/l	99.1	88	108	3/23/06
Mercury	0.001	0.0010	mg/l	103	89	111	3/23/06
Selenium	1	0.97	mg/l	97	76	115	3/23/06
Silver	1	1.04	mg/l	104	86	112	3/23/06

RESULTS: PESTICIDES

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: MW-1		Analyst's Initials: DC
Case No. R0316-14		
Date Collected: 3/15/06		
Sample Matrix: Water		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: 3510C	3/22/06	3/23/06
Analytical Method: EPA		
Compound	Concentration ug/l (ppb)	Reporting Limit
Aldrin	N.D.	0.05
alpha-BHC	N.D.	0.05
beta-BHC	N.D.	0.05
delta-BHC	N.D.	0.05
gamma-BHC	N.D.	0.05
alpha-Chlordane	N.D.	0.05
gamma-Chlordane	N.D.	0.05
Chlordane	N.D.	1.0
4,4'-DDD	N.D.	0.1
4,4'-DDE	N.D.	0.1
4,4'-DDT	N.D.	0.1
Dieldrin	N.D.	0.1
Endosulfan I	N.D.	0.05
Endosulfan II	N.D.	0.1
Endosulfan sulfate	N.D.	0.1
Endrin	N.D.	0.1
Endrin aldehyde	N.D.	0.1
Endrin Ketone	N.D.	0.1
Heptachlor	N.D.	0.05
Heptachlor epoxide	N.D.	0.05
Methoxychlor	N.D.	0.5
Toxaphene	N.D.	50
Surrogates:		
Compound	% Recovery	Limits
TCMX	83	25-141
DCBP	75	41-156

Sample: MW-2		Analyst's Initials: DC
Case No. R0316-14		
Date Collected: 3/15/06		
Sample Matrix: Water		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: 3510C	3/22/06	3/23/06
Analytical Method: EPA		
Compound	Concentration ug/l (ppb)	Reporting Limit
Aldrin	N.D.	0.05
alpha-BHC	N.D.	0.05
beta-BHC	N.D.	0.05
delta-BHC	N.D.	0.05
gamma-BHC	N.D.	0.05
alpha-Chlordane	N.D.	0.05
gamma-Chlordane	N.D.	0.05
Chlordane	N.D.	1.0
4,4'-DDD	N.D.	0.1
4,4'-DDE	N.D.	0.1
4,4'-DDT	N.D.	0.1
Dieldrin	N.D.	0.1
Endosulfan I	N.D.	0.05
Endosulfan II	N.D.	0.1
Endosulfan sulfate	N.D.	0.1
Endrin	N.D.	0.1
Endrin aldehyde	N.D.	0.1
Endrin Ketone	N.D.	0.1
Heptachlor	N.D.	0.05
Heptachlor epoxide	N.D.	0.05
Methoxychlor	N.D.	0.5
Toxaphene	N.D.	50
Surrogates:		
Compound	% Recovery	Limits
TCMX	87	25-141
DCBP	80	41-156

Sample: MW-3		Analyst's Initials: DC
Case No. R0316-14		
Date Collected: 3/15/06		
Sample Matrix: Water		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: 3510C	3/22/06	3/23/06
Analytical Method: EPA		
Compound	Concentration ug/l (ppb)	Reporting Limit
Aldrin	N.D.	0.05
alpha-BHC	N.D.	0.05
beta-BHC	N.D.	0.05
delta-BHC	N.D.	0.05
gamma-BHC	N.D.	0.05
alpha-Chlordane	N.D.	0.05
gamma-Chlordane	N.D.	0.05
Chlordane	N.D.	1.0
4,4'-DDD	N.D.	0.1
4,4'-DDE	N.D.	0.1
4,4'-DDT	N.D.	0.1
Dieldrin	N.D.	0.1
Endosulfan I	N.D.	0.05
Endosulfan II	N.D.	0.1
Endosulfan sulfate	N.D.	0.1
Endrin	N.D.	0.1
Endrin aldehyde	N.D.	0.1
Endrin Ketone	N.D.	0.1
Heptachlor	N.D.	0.05
Heptachlor epoxide	N.D.	0.05
Methoxychlor	N.D.	0.5
Toxaphene	N.D.	50
Surrogates:		
Compound	% Recovery	Limits
TCMX	95	25-141
DCBP	98	41-156

Sample: MW-5		Analyst's Initials: DC
Case No. R0316-14		
Date Collected: 3/15/06		
Sample Matrix: Water		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: 3510C	3/22/06	3/23/06
Analytical Method: EPA		
Compound	Concentration ug/l (ppb)	Reporting Limit
Aldrin	N.D.	0.05
alpha-BHC	N.D.	0.05
beta-BHC	N.D.	0.05
delta-BHC	N.D.	0.05
gamma-BHC	N.D.	0.05
alpha-Chlordane	N.D.	0.05
gamma-Chlordane	N.D.	0.05
Chlordane	N.D.	1.0
4,4'-DDD	N.D.	0.1
4,4'-DDE	N.D.	0.1
4,4'-DDT	N.D.	0.1
Dieldrin	N.D.	0.1
Endosulfan I	N.D.	0.05
Endosulfan II	N.D.	0.1
Endosulfan sulfate	N.D.	0.1
Endrin	N.D.	0.1
Endrin aldehyde	N.D.	0.1
Endrin Ketone	N.D.	0.1
Heptachlor	N.D.	0.05
Heptachlor epoxide	N.D.	0.05
Methoxychlor	N.D.	0.5
Toxaphene	N.D.	50
Surrogates:		
Compound	% Recovery	Limits
TCMX	102	25-141
DCBP	103	41-156

Sample: MW-6		Analyst's Initials: DC
Case No. R0316-14		
Date Collected: 3/15/06		
Sample Matrix: Water		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: 3510C	3/22/06	3/23/06
Analytical Method: EPA		
Compound	Concentration ug/l (ppb)	Reporting Limit
Aldrin	N.D.	0.05
alpha-BHC	N.D.	0.05
beta-BHC	N.D.	0.05
delta-BHC	N.D.	0.05
gamma-BHC	N.D.	0.05
alpha-Chlordane	N.D.	0.05
gamma-Chlordane	N.D.	0.05
Chlordane	N.D.	1.0
4,4'-DDD	N.D.	0.1
4,4'-DDE	N.D.	0.1
4,4'-DDT	N.D.	0.1
Dieldrin	N.D.	0.1
Endosulfan I	N.D.	0.05
Endosulfan II	N.D.	0.1
Endosulfan sulfate	N.D.	0.1
Endrin	N.D.	0.1
Endrin aldehyde	N.D.	0.1
Endrin Ketone	N.D.	0.1
Heptachlor	N.D.	0.05
Heptachlor epoxide	N.D.	0.05
Methoxychlor	N.D.	0.5
Toxaphene	N.D.	50
Surrogates:		
Compound	% Recovery	Limits
TCMX	118	25-141
DCBP	114	41-156

Sample: M-7SD		Analyst's Initials: DC
Case No. R0316-14		
Date Collected: 3/15/06		
Sample Matrix: Water		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: 3510C	3/22/06	3/23/06
Analytical Method: EPA		
Compound	Concentration ug/l (ppb)	Reporting Limit
Aldrin	N.D.	0.05
alpha-BHC	N.D.	0.05
beta-BHC	N.D.	0.05
delta-BHC	N.D.	0.05
gamma-BHC	N.D.	0.05
alpha-Chlordane	N.D.	0.05
gamma-Chlordane	N.D.	0.05
Chlordane	N.D.	1.0
4,4'-DDD	N.D.	0.1
4,4'-DDE	N.D.	0.1
4,4'-DDT	N.D.	0.1
Dieldrin	N.D.	0.1
Endosulfan I	N.D.	0.05
Endosulfan II	N.D.	0.1
Endosulfan sulfate	N.D.	0.1
Endrin	N.D.	0.1
Endrin aldehyde	N.D.	0.1
Endrin Ketone	N.D.	0.1
Heptachlor	N.D.	0.05
Heptachlor epoxide	N.D.	0.05
Methoxychlor	N.D.	0.5
Toxaphene	N.D.	50
Surrogates:		
Compound	% Recovery	Limits
TCMX	82	25-141
DCBP	85	41-156

Sample: Method Blank		Analyst's Initials: DC
Case No. R0316-14		
Date Collected: NA		
Sample Matrix: Water		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3510C	3/22/06	3/23/06
Analytical Method: EPA 8081A		
Compound	Concentration ug/l (ppb)	Reporting Limit
Aldrin	N.D.	0.05
alpha-BHC	N.D.	0.05
beta-BHC	N.D.	0.05
delta-BHC	N.D.	0.05
gamma-BHC	N.D.	0.05
alpha-Chlordane	N.D.	0.05
gamma-Chlordane	N.D.	0.05
Chlordane	N.D.	1.0
4,4'-DDD	N.D.	0.1
4,4'-DDE	N.D.	0.1
4,4'-DDT	N.D.	0.1
Dieldrin	N.D.	0.1
Endosulfan I	N.D.	0.05
Endosulfan II	N.D.	0.1
Endosulfan sulfate	N.D.	0.1
Endrin	N.D.	0.1
Endrin aldehyde	N.D.	0.1
Endrin Ketone	N.D.	0.1
Heptachlor	N.D.	0.05
Heptachlor epoxide	N.D.	0.05
Methoxychlor	N.D.	0.5
Toxaphene	N.D.	50
Surrogates:		
Compound	% Recovery	Limits
TCMX	85	25-141
DCBP	83	41-156

Pesticide Laboratory Control Spike

Date Collected: NA			Analyst's Initials	DC
Sample Matrix: Water				
Subject: Pesticides	Date Extracted			Date Analyzed
Prep Method: EPA 3541	3/22/06			3/23/06
Analytical Method: EPA				
Compound	Amount Spiked ng/ml (ppb)	Result ng/ml (ppb)	Recovery %	Recovery Limits
alpha-BHC	40	31	76	40-140
gamma-BHC	40	32	80	40-140
beta-BHC	40	30	75	40-140
delta-BHC	40	28	69	40-140
Heptachlor	40	28	71	40-140
Aldrin	40	28	70	40-140
Heptachlor epoxide	40	27	68	40-140
gamma-Chlordane	40	25	63	40-140
alpha-Chlordane	40	28	69	40-140
4,4'-DDE	40	27	67	40-140
Endosulfan I	40	25	64	40-140
Dieldrin	40	27	67	40-140
Endrin	40	30	75	40-140
4,4'-DDD	40	26	66	40-140
Endosulfan II	40	27	66	40-140
4,4'-DDT	40	34	86	40-140
Endrin aldehyde	40	36	91	40-140
Methoxychlor	40	35	88	40-140
Endosulfan sulfate	40	24	60	40-140
Endrin Ketone	40	38	96	40-140
Surrogates:				
Compound	% Recovery	Limits		
TCMX	76	19-139		
DCBP	80	29-155		

RESULTS: VOLATILE ORGANIC COMPOUNDS

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-1
Lab File ID: MAR2507.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-64-1	Acetone	19	
75-35-4	1,1-Dichloroethene	1.0	U
75-15-0	Carbon Disulfide	1.0	U
75-09-2	Methylene Chloride	3.0	U
1634-04-4	tert-Butyl methyl ether	15	
156-60-5	trans-1,2 Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
594-20-7	2,2-Dichloropropane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
74-97-5	Bromochloromethane	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
74-95-3	Dibromomethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
106-93-4	Ethylene Dibromide	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-88-3	Toluene	1.0	U
10061-02-6	Trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-1
Lab File ID: MAR2507.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
100-41-4	Ethylbenzene	1.0	U
1330-20-7	m & p-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
108-86-1	Bromobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
75-87-3	Chloromethane	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
60-29-7	Diethyl Ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
91-20-3	Naphthalene	2.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-2
Lab File ID: MAR2508.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-64-1	Acetone	5.0	U
75-35-4	1,1-Dichloroethene	1.0	U
75-15-0	Carbon Disulfide	1.0	U
75-09-2	Methylene Chloride	3.0	U
1634-04-4	tert-Butyl methyl ether	2.0	U
156-60-5	trans-1,2 Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
594-20-7	2,2-Dichloropropane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
74-97-5	Bromochloromethane	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
74-95-3	Dibromomethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
106-93-4	Ethylene Dibromide	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-88-3	Toluene	1.0	U
10061-02-6	Trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-2
Lab File ID: MAR2508.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
100-41-4	Ethylbenzene	1.0	U
1330-20-7	m & p-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
108-86-1	Bromobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
75-87-3	Chloromethane	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
60-29-7	Diethyl Ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
91-20-3	Naphthalene	2.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-3
Lab File ID: MAR2509.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-64-1	Acetone	5.0	U
75-35-4	1,1-Dichloroethene	1.0	U
75-15-0	Carbon Disulfide	1.0	U
75-09-2	Methylene Chloride	3.0	U
1634-04-4	tert-Butyl methyl ether	2.0	U
156-60-5	trans-1,2 Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
594-20-7	2,2-Dichloropropane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
74-97-5	Bromochloromethane	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
74-95-3	Dibromomethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
106-93-4	Ethylene Dibromide	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-88-3	Toluene	1.0	U
10061-02-6	Trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-3
Lab File ID: MAR2509.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
100-41-4	Ethylbenzene	1.0	U
1330-20-7	m & p-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
108-86-1	Bromobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
75-87-3	Chloromethane	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
60-29-7	Diethyl Ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
91-20-3	Naphthalene	2.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-5
Lab File ID: MAR2510.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-64-1	Acetone	8.6	
75-35-4	1,1-Dichloroethene	1.0	U
75-15-0	Carbon Disulfide	1.0	U
75-09-2	Methylene Chloride	3.0	U
1634-04-4	tert-Butyl methyl ether	2.0	U
156-60-5	trans-1,2 Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
594-20-7	2,2-Dichloropropane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
74-97-5	Bromochloromethane	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
74-95-3	Dibromomethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
106-93-4	Ethylene Dibromide	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-88-3	Toluene	1.0	U
10061-02-6	Trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-5
Lab File ID: MAR2510.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
100-41-4	Ethylbenzene	1.0	U
1330-20-7	m & p-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
108-86-1	Bromobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
75-87-3	Chloromethane	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
60-29-7	Diethyl Ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
91-20-3	Naphthalene	2.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-6
Lab File ID: MAR2511.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-64-1	Acetone	5.0	U
75-35-4	1,1-Dichloroethene	1.0	U
75-15-0	Carbon Disulfide	1.0	U
75-09-2	Methylene Chloride	3.0	U
1634-04-4	tert-Butyl methyl ether	2.0	U
156-60-5	trans-1,2 Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
594-20-7	2,2-Dichloropropane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
74-97-5	Bromochloromethane	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	2.6	
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
74-95-3	Dibromomethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
106-93-4	Ethylene Dibromide	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-88-3	Toluene	1.0	U
10061-02-6	Trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-6
Lab File ID: MAR2511.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
100-41-4	Ethylbenzene	1.0	U
1330-20-7	m & p-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
108-86-1	Bromobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
75-87-3	Chloromethane	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
60-29-7	Diethyl Ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
91-20-3	Naphthalene	2.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: M-7SD
Lab File ID: MAR2512.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-64-1	Acetone	5.0	U
75-35-4	1,1-Dichloroethene	1.0	U
75-15-0	Carbon Disulfide	1.0	U
75-09-2	Methylene Chloride	3.0	U
1634-04-4	tert-Butyl methyl ether	2.0	U
156-60-5	trans-1,2 Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
594-20-7	2,2-Dichloropropane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
74-97-5	Bromochloromethane	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
74-95-3	Dibromomethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
106-93-4	Ethylene Dibromide	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-88-3	Toluene	1.0	U
10061-02-6	Trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: M-7SD
Lab File ID: MAR2512.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
100-41-4	Ethylbenzene	1.0	U
1330-20-7	m & p-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
108-86-1	Bromobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
75-87-3	Chloromethane	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
60-29-7	Diethyl Ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
91-20-3	Naphthalene	2.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: M-7TWB
Lab File ID: MAR2513.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-64-1	Acetone	5.0	U
75-35-4	1,1-Dichloroethene	1.0	U
75-15-0	Carbon Disulfide	1.0	U
75-09-2	Methylene Chloride	3.0	U
1634-04-4	tert-Butyl methyl ether	2.0	U
156-60-5	trans-1,2 Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
594-20-7	2,2-Dichloropropane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
74-97-5	Bromochloromethane	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
74-95-3	Dibromomethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
106-93-4	Ethylene Dibromide	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-88-3	Toluene	1.0	U
10061-02-6	Trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: M-7TWB
Lab File ID: MAR2513.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
100-41-4	Ethylbenzene	1.0	U
1330-20-7	m & p-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
108-86-1	Bromobenzene	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
75-87-3	Chloromethane	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
60-29-7	Diethyl Ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
91-20-3	Naphthalene	2.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: VBLK060325
Lab File ID: MAR2505.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
75-01-4	Vinyl Chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
67-64-1	Acetone	5.0	U
75-35-4	1,1-Dichloroethene	1.0	U
75-15-0	Carbon Disulfide	1.0	U
75-09-2	Methylene Chloride	3.0	U
1634-04-4	tert-Butyl methyl ether	2.0	U
156-60-5	trans-1,2 Dichloroethene	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
594-20-7	2,2-Dichloropropane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
67-66-3	Chloroform	1.0	U
74-97-5	Bromochloromethane	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
563-58-6	1,1-Dichloropropene	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
71-43-2	Benzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
79-01-6	Trichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
74-95-3	Dibromomethane	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
106-93-4	Ethylene Dibromide	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-88-3	Toluene	1.0	U
10061-02-6	Trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethene	1.0	U
124-48-1	Chlorodibromomethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Method: 8260
Matrix: (soil/water) WATER
Sample wt/vol: 5.0 (g/ml) ML
% Moisture
Soil Extract Volume: (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: VBLK060325
Lab File ID: MAR2505.D
Date Sampled: 3/15/2006
Date Analyzed: 3/25/2006
Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	UNITS: ug/L	Q
100-41-4	Ethylbenzene	1.0	U
1330-20-7	m & p-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U
108-86-1	Bromobenzene	1.0	U
103-65-1	n-Propylbenzene	1.0	U
95-49-8	2-Chlorotoluene	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	U
106-43-4	4-Chlorotoluene	1.0	U
98-06-6	tert-Butylbenzene	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	U
135-98-8	sec-Butylbenzene	1.0	U
99-87-6	p-Isopropyltoluene	1.0	U
75-87-3	Chloromethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
60-29-7	Diethyl Ether	1.0	U
104-51-8	n-Butylbenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
91-20-3	Naphthalene	2.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: New England Testing Lab Contract: Holbrook Chemica

Lab Code: RI010 Case No.: R0316-14 SAS No.: _____ SDG No.: Woodard

	EPA SAMPLE NO.	SMC1 #	SMC2 #	SMC3 #	TOT OUT
01	VBLK060325	105	98	94	0
02	MW-1	108	97	93	0
03	MW-2	110	99	94	0
04	MW-3	111	98	90	0
05	MW-5	106	104	96	0
06	MW-6	110	97	93	0
07	M-7SD	114	98	88	0
08	M-7TWB	110	99	93	0
09	VLCS060325	104	99	104	0

QC LIMITS

SMC1	=	1,2-Dichloroethane-D4	(76-130)
SMC2	=	Toluene-D8	(85-124)
SMC3	=	Bromofluorobenzene	(77-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

Volatile Organics Laboratory Control Spike

Date Analyzed: 3/26/06 **Sample ID: VLCS060325**

Compound	Spike Added (ug/L)	Spike Result (ug/L)	Recovery, %	Lower Control Limit, %	Upper Control Limit, %
Chloromethane	50	59	118	70	164
Vinyl Chloride	50	67	135	70	155
Bromomethane	50	83	167	15	213
Chloroethane	50	91	182	52	193
1,1-Dichloroethene	50	69	139	77	137
Methylene Chloride	50	57	114	76	130
trans-1,2 Dichloroethene	50	62	124	74	128
1,1-Dichloroethane	50	62	123	78	126
cis-1,2-Dichloroethene	50	57	115	76	123
Chloroform	50	57	113	83	125
Bromochloromethane	50	59	119	76	121
1,1,1-Trichloroethane	50	61	122	73	129
1,1-Dichloropropene	50	58	116	79	122
Carbon Tetrachloride	50	61	123	74	129
Benzene	50	56	112	75	117
1,2-Dichloroethane	50	59	119	78	123
Trichloroethene	50	58	116	65	141
1,2-Dichloropropane	50	56	113	81	121
Bromodichloromethane	50	58	116	74	116
Dibromomethane	50	56	113	80	115
MIBK	50	66	132	72	147
cis-1,3-Dichloropropene	50	54	108	47	132
Toluene	50	56	113	74	119
Trans-1,3-Dichloropropene	50	57	113	52	136
1,1,2-Trichloroethane	50	57	113	81	118
Ethylene Dibromide	50	57	115	80	121
2-Hexanone	50	65	130	65	153
Tetrachloroethene	50	55	110	29	190
1,3-Dichloropropane	50	58	116	59	143
Chlorodibromomethane	50	56	113	79	114
Chlorobenzene	50	56	112	74	115
1,1,1,2-Tetrachloroethane	50	57	113	77	116
Ethylbenzene	50	58	116	77	117
m & p-Xylene	100	117	117	58	129
o-Xylene	50	60	120	24	175
Styrene	50	61	122	76	111
Bromoform	50	58	117	78	115
Isopropylbenzene	50	61	122	82	125
1,1,2,2-Tetrachloroethane	50	58	115	50	142

Volatile Organics Laboratory Control Spike

Date Analyzed: 3/26/06 **Sample ID: VLCS060325**

Compound	Spike Added (ug/L)	Spike Result (ug/L)	Recovery, %	Lower Control Limit, %	Upper Control Limit, %
Bromobenzene	50	60	121	78	116
1,2,3-Trichloropropane	50	63	126	76	120
n-Propylbenzene	50	62	125	75	118
2-Chlorotoluene	50	61	121	73	114
1,3,5-Trimethylbenzene	50	62	124	74	117
4-Chlorotoluene	50	61	121	72	115
tert-Butylbenzene	50	62	125	80	137
1,2,4-Trimethylbenzene	50	63	127	72	118
sec-Butylbenzene	50	61	123	73	114
p-Isopropyltoluene	50	63	126	72	140
1,3-Dichlorobenzene	50	62	123	69	116
1,4-Dichlorobenzene	50	60	120	69	117
n-Butylbenzene	50	61	122	65	130
1,2-Dichlorobenzene	50	62	124	73	113
1,2-Dibromo-3-chloropropane	50	65	129	46	138
1,2,4-Trichlorobenzene	50	54	107	35	157
Naphthalene	50	52	104	17	186
1,2,3-Trichlorobenzene	50	55	110	32	186

RESULTS: SEMIVOLATILE ORGANIC COMPOUNDS

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-1
Matrix: (soil/water/air) WATER
Lab File ID: MAR2212.D
Sample wt/vol: 700 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/23/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
62-75-9	n-Nitrosodimethylamine	4.3	U
110-86-1	Pyridine	2.9	U
108-95-2	Phenol	2.9	U
62-53-3	Aniline	2.9	U
111-44-4	bis(2-Chloroethyl)ether	1.4	U
95-57-8	2-Chlorophenol	2.9	U
541-73-1	1,3-Dichlorobenzene	1.4	U
106-46-7	1,4-Dichlorobenzene	1.4	U
95-50-1	1,2-Dichlorobenzene	1.4	U
95-48-7	2-Methylphenol	1.4	U
108-60-1	bis(2-chloroisopropyl)ether	1.4	U
106-44-5	4-Methylphenol	1.4	U
621-64-7	n-Nitroso-di-n-propylamine	1.4	U
67-72-1	Hexachloroethane	1.4	U
98-95-3	Nitrobenzene	1.4	U
78-59-1	Isophorone	1.4	U
88-75-5	2-Nitrophenol	7.1	U
105-67-9	2,4-Dimethylphenol	14	U
65-85-0	Benzoic acid	83	
111-91-1	bis(2-Chloroethoxy)methane	1.4	U
120-83-2	2,4-Dichlorophenol	2.9	U
120-82-1	1,2,4-Trichlorobenzene	1.4	U
91-20-3	Naphthalene	1.4	U
106-47-8	4-Chloroaniline	1.4	U
87-68-3	Hexachlorobutadiene	1.4	U
59-50-7	4-Chloro-3-methylphenol	7.1	U
91-57-6	2-Methylnaphthalene	1.4	U
77-47-4	Hexachlorocyclopentadiene	1.4	U
88-06-2	2,4,6-Trichlorophenol	2.9	U
95-95-4	2,4,5-Trichlorophenol	2.9	U
91-58-7	2-Chloronaphthalene	1.4	U
88-74-4	2-Nitroaniline	1.4	U
131-11-3	Dimethyl phthalate	1.4	U
208-96-8	Acenaphthylene	1.4	U
606-20-2	2,6-Dinitrotoluene	1.4	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-1
Matrix: (soil/water/air) WATER
Lab File ID: MAR2212.D
Sample wt/vol: 700 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/23/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
99-09-2	3-Nitroaniline	1.4	U
83-32-9	Acenaphthene	1.4	U
51-28-5	2,4-Dinitrophenol	7.1	U
100-02-7	4-Nitrophenol	7.1	U
132-64-9	Dibenzofuran	1.4	U
121-14-2	2,4-Dinitrotoluene	1.4	U
84-66-2	Diethyl phthalate	1.4	U
86-73-7	Fluorene	1.4	U
7005-72-3	4-Chlorophenyl phenyl ether	1.4	U
100-01-6	4-Nitroaniline	1.4	U
534-52-1	4,6-Dinitro-2-methylphenol	7.1	U
86-30-6	n-Nitrosodiphenylamine	1.4	U
101-55-3	4-Bromophenyl phenyl ether	1.4	U
118-74-1	Hexachlorobenzene	1.4	U
87-86-5	Pentachlorophenol	4.8	J
85-01-8	Phenanthrene	1.4	U
120-12-7	Anthracene	1.4	U
84-74-2	Di-n-butylphthalate	4.3	U
206-44-0	Fluoranthene	1.4	U
92-87-5	Benzidine	86	U
129-00-0	Pyrene	1.4	U
85-68-7	Butyl benzyl phthalate	1.4	U
91-94-1	3,3'-Dichlorobenzidine	1.4	U
56-55-3	Benzo(a)anthracene	1.4	U
218-01-9	Chrysene	1.4	U
117-81-7	bis(2-Ethylhexyl)phthalate	1.6	J
117-84-0	Di-n-octyl phthalate	4.3	U
205-99-2	Benzo(b)fluoranthene	1.4	U
207-08-9	Benzo(k)fluoranthene	1.4	U
50-32-8	Benzo(a)pyrene	1.4	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U
53-70-3	Dibenz(a,h)anthracene	1.4	U
191-24-2	Benzo(g,h,i)perylene	1.4	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-2
Matrix: (soil/water/air) WATER
Lab File ID: MAR2213.D
Sample wt/vol: 590 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/23/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
62-75-9	n-Nitrosodimethylamine	5.1	U
110-86-1	Pyridine	3.4	U
108-95-2	Phenol	3.4	U
62-53-3	Aniline	3.4	U
111-44-4	bis(2-Chloroethyl)ether	1.7	U
95-57-8	2-Chlorophenol	3.4	U
541-73-1	1,3-Dichlorobenzene	1.7	U
106-46-7	1,4-Dichlorobenzene	1.7	U
95-50-1	1,2-Dichlorobenzene	1.7	U
95-48-7	2-Methylphenol	1.7	U
108-60-1	bis(2-chloroisopropyl)ether	1.7	U
106-44-5	4-Methylphenol	1.7	U
621-64-7	n-Nitroso-di-n-propylamine	1.7	U
67-72-1	Hexachloroethane	1.7	U
98-95-3	Nitrobenzene	1.7	U
78-59-1	Isophorone	1.7	U
88-75-5	2-Nitrophenol	8.5	U
105-67-9	2,4-Dimethylphenol	17	U
65-85-0	Benzoic acid	25	U
111-91-1	bis(2-Chloroethoxy)methane	1.7	U
120-83-2	2,4-Dichlorophenol	3.4	U
120-82-1	1,2,4-Trichlorobenzene	1.7	U
91-20-3	Naphthalene	1.7	U
106-47-8	4-Chloroaniline	1.7	U
87-68-3	Hexachlorobutadiene	1.7	U
59-50-7	4-Chloro-3-methylphenol	8.5	U
91-57-6	2-Methylnaphthalene	1.7	U
77-47-4	Hexachlorocyclopentadiene	1.7	U
88-06-2	2,4,6-Trichlorophenol	3.4	U
95-95-4	2,4,5-Trichlorophenol	3.4	U
91-58-7	2-Chloronaphthalene	1.7	U
88-74-4	2-Nitroaniline	1.7	U
131-11-3	Dimethyl phthalate	1.7	U
208-96-8	Acenaphthylene	1.7	U
606-20-2	2,6-Dinitrotoluene	1.7	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-2
Matrix: (soil/water/air) WATER
Lab File ID: MAR2213.D
Sample wt/vol: 590 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/23/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
99-09-2	3-Nitroaniline	1.7	U
83-32-9	Acenaphthene	1.7	U
51-28-5	2,4-Dinitrophenol	8.5	U
100-02-7	4-Nitrophenol	8.5	U
132-64-9	Dibenzofuran	1.7	U
121-14-2	2,4-Dinitrotoluene	1.7	U
84-66-2	Diethyl phthalate	1.7	U
86-73-7	Fluorene	1.7	U
7005-72-3	4-Chlorophenyl phenyl ether	1.7	U
100-01-6	4-Nitroaniline	1.7	U
534-52-1	4,6-Dinitro-2-methylphenol	8.5	U
86-30-6	n-Nitrosodiphenylamine	1.7	U
101-55-3	4-Bromophenyl phenyl ether	1.7	U
118-74-1	Hexachlorobenzene	1.7	U
87-86-5	Pentachlorophenol	8.5	U
85-01-8	Phenanthrene	1.7	U
120-12-7	Anthracene	1.7	U
84-74-2	Di-n-butylphthalate	5.1	U
206-44-0	Fluoranthene	1.7	U
92-87-5	Benzidine	100	U
129-00-0	Pyrene	1.7	U
85-68-7	Butyl benzyl phthalate	1.7	U
91-94-1	3,3'-Dichlorobenzidine	1.7	U
56-55-3	Benzo(a)anthracene	1.7	U
218-01-9	Chrysene	1.7	U
117-81-7	bis(2-Ethylhexyl)phthalate	5.1	U
117-84-0	Di-n-octyl phthalate	5.1	U
205-99-2	Benzo(b)fluoranthene	1.7	U
207-08-9	Benzo(k)fluoranthene	1.7	U
50-32-8	Benzo(a)pyrene	1.7	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.7	U
53-70-3	Dibenz(a,h)anthracene	1.7	U
191-24-2	Benzo(g,h,i)perylene	1.7	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-3
Matrix: (soil/water/air) WATER
Lab File ID: MAR2214.D
Sample wt/vol: 930 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/23/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
62-75-9	n-Nitrosodimethylamine	3.2	U
110-86-1	Pyridine	2.2	U
108-95-2	Phenol	2.2	U
62-53-3	Aniline	2.2	U
111-44-4	bis(2-Chloroethyl)ether	1.1	U
95-57-8	2-Chlorophenol	2.2	U
541-73-1	1,3-Dichlorobenzene	1.1	U
106-46-7	1,4-Dichlorobenzene	1.1	U
95-50-1	1,2-Dichlorobenzene	1.1	U
95-48-7	2-Methylphenol	1.1	U
108-60-1	bis(2-chloroisopropyl)ether	1.1	U
106-44-5	4-Methylphenol	1.1	U
621-64-7	n-Nitroso-di-n-propylamine	1.1	U
67-72-1	Hexachloroethane	1.1	U
98-95-3	Nitrobenzene	1.1	U
78-59-1	Isophorone	1.1	U
88-75-5	2-Nitrophenol	5.4	U
105-67-9	2,4-Dimethylphenol	11	U
65-85-0	Benzoic acid	16	U
111-91-1	bis(2-Chloroethoxy)methane	1.1	U
120-83-2	2,4-Dichlorophenol	2.2	U
120-82-1	1,2,4-Trichlorobenzene	1.1	U
91-20-3	Naphthalene	1.1	U
106-47-8	4-Chloroaniline	1.1	U
87-68-3	Hexachlorobutadiene	1.1	U
59-50-7	4-Chloro-3-methylphenol	5.4	U
91-57-6	2-Methylnaphthalene	1.1	U
77-47-4	Hexachlorocyclopentadiene	1.1	U
88-06-2	2,4,6-Trichlorophenol	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U
91-58-7	2-Chloronaphthalene	1.1	U
88-74-4	2-Nitroaniline	1.1	U
131-11-3	Dimethyl phthalate	1.1	U
208-96-8	Acenaphthylene	1.1	U
606-20-2	2,6-Dinitrotoluene	1.1	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-3
Matrix: (soil/water/air) WATER
Lab File ID: MAR2214.D
Sample wt/vol: 930 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/23/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
99-09-2	3-Nitroaniline	1.1	U
83-32-9	Acenaphthene	1.1	U
51-28-5	2,4-Dinitrophenol	5.4	U
100-02-7	4-Nitrophenol	5.4	U
132-64-9	Dibenzofuran	1.1	U
121-14-2	2,4-Dinitrotoluene	1.1	U
84-66-2	Diethyl phthalate	1.1	U
86-73-7	Fluorene	1.1	U
7005-72-3	4-Chlorophenyl phenyl ether	1.1	U
100-01-6	4-Nitroaniline	1.1	U
534-52-1	4,6-Dinitro-2-methylphenol	5.4	U
86-30-6	n-Nitrosodiphenylamine	1.1	U
101-55-3	4-Bromophenyl phenyl ether	1.1	U
118-74-1	Hexachlorobenzene	1.1	U
87-86-5	Pentachlorophenol	5.4	U
85-01-8	Phenanthrene	1.1	U
120-12-7	Anthracene	1.1	U
84-74-2	Di-n-butylphthalate	3.2	U
206-44-0	Fluoranthene	1.1	U
92-87-5	Benzidine	65	U
129-00-0	Pyrene	1.1	U
85-68-7	Butyl benzyl phthalate	1.1	U
91-94-1	3,3'-Dichlorobenzidine	1.1	U
56-55-3	Benzo(a)anthracene	1.1	U
218-01-9	Chrysene	1.1	U
117-81-7	bis(2-Ethylhexyl)phthalate	3.2	U
117-84-0	Di-n-octyl phthalate	3.2	U
205-99-2	Benzo(b)fluoranthene	1.1	U
207-08-9	Benzo(k)fluoranthene	1.1	U
50-32-8	Benzo(a)pyrene	1.1	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U
53-70-3	Dibenz(a,h)anthracene	1.1	U
191-24-2	Benzo(g,h,i)perylene	1.1	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-5
Matrix: (soil/water/air) WATER
Lab File ID: MAR2215.D
Sample wt/vol: 630 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/23/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
62-75-9	n-Nitrosodimethylamine	4.8	U
110-86-1	Pyridine	3.2	U
108-95-2	Phenol	3.2	U
62-53-3	Aniline	3.2	U
111-44-4	bis(2-Chloroethyl)ether	1.6	U
95-57-8	2-Chlorophenol	3.2	U
541-73-1	1,3-Dichlorobenzene	1.6	U
106-46-7	1,4-Dichlorobenzene	1.6	U
95-50-1	1,2-Dichlorobenzene	1.6	U
95-48-7	2-Methylphenol	1.6	U
108-60-1	bis(2-chloroisopropyl)ether	1.6	U
106-44-5	4-Methylphenol	1.6	U
621-64-7	n-Nitroso-di-n-propylamine	1.6	U
67-72-1	Hexachloroethane	1.6	U
98-95-3	Nitrobenzene	1.6	U
78-59-1	Isophorone	1.6	U
88-75-5	2-Nitrophenol	7.9	U
105-67-9	2,4-Dimethylphenol	16	U
65-85-0	Benzoic acid	24	U
111-91-1	bis(2-Chloroethoxy)methane	1.6	U
120-83-2	2,4-Dichlorophenol	3.2	U
120-82-1	1,2,4-Trichlorobenzene	1.6	U
91-20-3	Naphthalene	1.6	U
106-47-8	4-Chloroaniline	1.6	U
87-68-3	Hexachlorobutadiene	1.6	U
59-50-7	4-Chloro-3-methylphenol	7.9	U
91-57-6	2-Methylnaphthalene	1.6	U
77-47-4	Hexachlorocyclopentadiene	1.6	U
88-06-2	2,4,6-Trichlorophenol	3.2	U
95-95-4	2,4,5-Trichlorophenol	3.2	U
91-58-7	2-Chloronaphthalene	1.6	U
88-74-4	2-Nitroaniline	1.6	U
131-11-3	Dimethyl phthalate	1.6	U
208-96-8	Acenaphthylene	1.6	U
606-20-2	2,6-Dinitrotoluene	1.6	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-5
Matrix: (soil/water/air) WATER
Lab File ID: MAR2215.D
Sample wt/vol: 630 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/23/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
99-09-2	3-Nitroaniline	1.6	U
83-32-9	Acenaphthene	1.6	U
51-28-5	2,4-Dinitrophenol	7.9	U
100-02-7	4-Nitrophenol	7.9	U
132-64-9	Dibenzofuran	1.6	U
121-14-2	2,4-Dinitrotoluene	1.6	U
84-66-2	Diethyl phthalate	1.6	U
86-73-7	Fluorene	1.6	U
7005-72-3	4-Chlorophenyl phenyl ether	1.6	U
100-01-6	4-Nitroaniline	1.6	U
534-52-1	4,6-Dinitro-2-methylphenol	7.9	U
86-30-6	n-Nitrosodiphenylamine	1.6	U
101-55-3	4-Bromophenyl phenyl ether	1.6	U
118-74-1	Hexachlorobenzene	1.6	U
87-86-5	Pentachlorophenol	7.9	U
85-01-8	Phenanthrene	1.6	U
120-12-7	Anthracene	1.6	U
84-74-2	Di-n-butylphthalate	4.8	U
206-44-0	Fluoranthene	1.6	U
92-87-5	Benzidine	95	U
129-00-0	Pyrene	1.6	U
85-68-7	Butyl benzyl phthalate	1.6	U
91-94-1	3,3'-Dichlorobenzidine	1.6	U
56-55-3	Benzo(a)anthracene	1.6	U
218-01-9	Chrysene	1.6	U
117-81-7	bis(2-Ethylhexyl)phthalate	4.8	U
117-84-0	Di-n-octyl phthalate	4.8	U
205-99-2	Benzo(b)fluoranthene	1.6	U
207-08-9	Benzo(k)fluoranthene	1.6	U
50-32-8	Benzo(a)pyrene	1.6	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.6	U
53-70-3	Dibenz(a,h)anthracene	1.6	U
191-24-2	Benzo(g,h,i)perylene	1.6	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-6
Matrix: (soil/water/air) WATER
Lab File ID: MAR2216.D
Sample wt/vol: 590 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/23/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
62-75-9	n-Nitrosodimethylamine	5.1	U
110-86-1	Pyridine	3.4	U
108-95-2	Phenol	3.4	U
62-53-3	Aniline	3.4	U
111-44-4	bis(2-Chloroethyl)ether	1.7	U
95-57-8	2-Chlorophenol	3.4	U
541-73-1	1,3-Dichlorobenzene	1.7	U
106-46-7	1,4-Dichlorobenzene	1.7	U
95-50-1	1,2-Dichlorobenzene	1.7	U
95-48-7	2-Methylphenol	1.7	U
108-60-1	bis(2-chloroisopropyl)ether	1.7	U
106-44-5	4-Methylphenol	1.7	U
621-64-7	n-Nitroso-di-n-propylamine	1.7	U
67-72-1	Hexachloroethane	1.7	U
98-95-3	Nitrobenzene	1.7	U
78-59-1	Isophorone	1.7	U
88-75-5	2-Nitrophenol	8.5	U
105-67-9	2,4-Dimethylphenol	17	U
65-85-0	Benzoic acid	25	U
111-91-1	bis(2-Chloroethoxy)methane	1.7	U
120-83-2	2,4-Dichlorophenol	3.4	U
120-82-1	1,2,4-Trichlorobenzene	1.7	U
91-20-3	Naphthalene	1.7	U
106-47-8	4-Chloroaniline	1.7	U
87-68-3	Hexachlorobutadiene	1.7	U
59-50-7	4-Chloro-3-methylphenol	8.5	U
91-57-6	2-Methylnaphthalene	1.7	U
77-47-4	Hexachlorocyclopentadiene	1.7	U
88-06-2	2,4,6-Trichlorophenol	3.4	U
95-95-4	2,4,5-Trichlorophenol	3.4	U
91-58-7	2-Chloronaphthalene	1.7	U
88-74-4	2-Nitroaniline	1.7	U
131-11-3	Dimethyl phthalate	1.7	U
208-96-8	Acenaphthylene	1.7	U
606-20-2	2,6-Dinitrotoluene	1.7	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-6
Matrix: (soil/water/air) WATER
Lab File ID: MAR2216.D
Sample wt/vol: 590 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/23/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
99-09-2	3-Nitroaniline	1.7	U
83-32-9	Acenaphthene	1.7	U
51-28-5	2,4-Dinitrophenol	8.5	U
100-02-7	4-Nitrophenol	8.5	U
132-64-9	Dibenzofuran	1.7	U
121-14-2	2,4-Dinitrotoluene	1.7	U
84-66-2	Diethyl phthalate	1.7	U
86-73-7	Fluorene	1.7	U
7005-72-3	4-Chlorophenyl phenyl ether	1.7	U
100-01-6	4-Nitroaniline	1.7	U
534-52-1	4,6-Dinitro-2-methylphenol	8.5	U
86-30-6	n-Nitrosodiphenylamine	1.7	U
101-55-3	4-Bromophenyl phenyl ether	1.7	U
118-74-1	Hexachlorobenzene	1.7	U
87-86-5	Pentachlorophenol	8.5	U
85-01-8	Phenanthrene	1.7	U
120-12-7	Anthracene	1.7	U
84-74-2	Di-n-butylphthalate	5.1	U
206-44-0	Fluoranthene	1.7	U
92-87-5	Benzidine	100	U
129-00-0	Pyrene	1.7	U
85-68-7	Butyl benzyl phthalate	1.7	U
91-94-1	3,3'-Dichlorobenzidine	1.7	U
56-55-3	Benzo(a)anthracene	1.7	U
218-01-9	Chrysene	1.7	U
117-81-7	bis(2-Ethylhexyl)phthalate	5.1	U
117-84-0	Di-n-octyl phthalate	5.1	U
205-99-2	Benzo(b)fluoranthene	1.7	U
207-08-9	Benzo(k)fluoranthene	1.7	U
50-32-8	Benzo(a)pyrene	1.7	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.7	U
53-70-3	Dibenz(a,h)anthracene	1.7	U
191-24-2	Benzo(g,h,i)perylene	1.7	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: M-7SD
Matrix: (soil/water/air) WATER
Lab File ID: MAR2217.D
Sample wt/vol: 890 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/23/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
62-75-9	n-Nitrosodimethylamine	3.4	U
110-86-1	Pyridine	2.2	U
108-95-2	Phenol	2.2	U
62-53-3	Aniline	2.2	U
111-44-4	bis(2-Chloroethyl)ether	1.1	U
95-57-8	2-Chlorophenol	2.2	U
541-73-1	1,3-Dichlorobenzene	1.1	U
106-46-7	1,4-Dichlorobenzene	1.1	U
95-50-1	1,2-Dichlorobenzene	1.1	U
95-48-7	2-Methylphenol	1.1	U
108-60-1	bis(2-chloroisopropyl)ether	1.1	U
106-44-5	4-Methylphenol	1.1	U
621-64-7	n-Nitroso-di-n-propylamine	1.1	U
67-72-1	Hexachloroethane	1.1	U
98-95-3	Nitrobenzene	1.1	U
78-59-1	Isophorone	1.1	U
88-75-5	2-Nitrophenol	5.6	U
105-67-9	2,4-Dimethylphenol	11	U
65-85-0	Benzoic acid	17	U
111-91-1	bis(2-Chloroethoxy)methane	1.1	U
120-83-2	2,4-Dichlorophenol	2.2	U
120-82-1	1,2,4-Trichlorobenzene	1.1	U
91-20-3	Naphthalene	1.1	U
106-47-8	4-Chloroaniline	1.1	U
87-68-3	Hexachlorobutadiene	1.1	U
59-50-7	4-Chloro-3-methylphenol	5.6	U
91-57-6	2-Methylnaphthalene	1.1	U
77-47-4	Hexachlorocyclopentadiene	1.1	U
88-06-2	2,4,6-Trichlorophenol	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U
91-58-7	2-Chloronaphthalene	1.1	U
88-74-4	2-Nitroaniline	1.1	U
131-11-3	Dimethyl phthalate	1.1	U
208-96-8	Acenaphthylene	1.1	U
606-20-2	2,6-Dinitrotoluene	1.1	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: M-7SD
Matrix: (soil/water/air) WATER
Lab File ID: MAR2217.D
Sample wt/vol: 890 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/23/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
99-09-2	3-Nitroaniline	1.1	U
83-32-9	Acenaphthene	1.1	U
51-28-5	2,4-Dinitrophenol	5.6	U
100-02-7	4-Nitrophenol	5.6	U
132-64-9	Dibenzofuran	1.1	U
121-14-2	2,4-Dinitrotoluene	1.1	U
84-66-2	Diethyl phthalate	1.1	U
86-73-7	Fluorene	1.1	U
7005-72-3	4-Chlorophenyl phenyl ether	1.1	U
100-01-6	4-Nitroaniline	1.1	U
534-52-1	4,6-Dinitro-2-methylphenol	5.6	U
86-30-6	n-Nitrosodiphenylamine	1.1	U
101-55-3	4-Bromophenyl phenyl ether	1.1	U
118-74-1	Hexachlorobenzene	1.1	U
87-86-5	Pentachlorophenol	5.6	U
85-01-8	Phenanthrene	1.1	U
120-12-7	Anthracene	1.1	U
84-74-2	Di-n-butylphthalate	3.4	U
206-44-0	Fluoranthene	1.1	U
92-87-5	Benzidine	67	U
129-00-0	Pyrene	1.1	U
85-68-7	Butyl benzyl phthalate	1.1	U
91-94-1	3,3'-Dichlorobenzidine	1.1	U
56-55-3	Benzo(a)anthracene	1.1	U
218-01-9	Chrysene	1.1	U
117-81-7	bis(2-Ethylhexyl)phthalate	3.4	U
117-84-0	Di-n-octyl phthalate	3.4	U
205-99-2	Benzo(b)fluoranthene	1.1	U
207-08-9	Benzo(k)fluoranthene	1.1	U
50-32-8	Benzo(a)pyrene	1.1	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U
53-70-3	Dibenz(a,h)anthracene	1.1	U
191-24-2	Benzo(g,h,i)perylene	1.1	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: M-7TWB
Matrix: (soil/water/air) WATER
Lab File ID: MAR2218.D
Sample wt/vol: 910 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/23/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
62-75-9	n-Nitrosodimethylamine	3.3	U
110-86-1	Pyridine	2.2	U
108-95-2	Phenol	2.2	U
62-53-3	Aniline	2.2	U
111-44-4	bis(2-Chloroethyl)ether	1.1	U
95-57-8	2-Chlorophenol	2.2	U
541-73-1	1,3-Dichlorobenzene	1.1	U
106-46-7	1,4-Dichlorobenzene	1.1	U
95-50-1	1,2-Dichlorobenzene	1.1	U
95-48-7	2-Methylphenol	1.1	U
108-60-1	bis(2-chloroisopropyl)ether	1.1	U
106-44-5	4-Methylphenol	1.1	U
621-64-7	n-Nitroso-di-n-propylamine	1.1	U
67-72-1	Hexachloroethane	1.1	U
98-95-3	Nitrobenzene	1.1	U
78-59-1	Isophorone	1.1	U
88-75-5	2-Nitrophenol	5.5	U
105-67-9	2,4-Dimethylphenol	11	U
65-85-0	Benzoic acid	16	U
111-91-1	bis(2-Chloroethoxy)methane	1.1	U
120-83-2	2,4-Dichlorophenol	2.2	U
120-82-1	1,2,4-Trichlorobenzene	1.1	U
91-20-3	Naphthalene	1.1	U
106-47-8	4-Chloroaniline	1.1	U
87-68-3	Hexachlorobutadiene	1.1	U
59-50-7	4-Chloro-3-methylphenol	5.5	U
91-57-6	2-Methylnaphthalene	1.1	U
77-47-4	Hexachlorocyclopentadiene	1.1	U
88-06-2	2,4,6-Trichlorophenol	2.2	U
95-95-4	2,4,5-Trichlorophenol	2.2	U
91-58-7	2-Chloronaphthalene	1.1	U
88-74-4	2-Nitroaniline	1.1	U
131-11-3	Dimethyl phthalate	1.1	U
208-96-8	Acenaphthylene	1.1	U
606-20-2	2,6-Dinitrotoluene	1.1	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: M-7TWB
Matrix: (soil/water/air) WATER
Lab File ID: MAR2218.D
Sample wt/vol: 910 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/23/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
99-09-2	3-Nitroaniline	1.1	U
83-32-9	Acenaphthene	1.1	U
51-28-5	2,4-Dinitrophenol	5.5	U
100-02-7	4-Nitrophenol	5.5	U
132-64-9	Dibenzofuran	1.1	U
121-14-2	2,4-Dinitrotoluene	1.1	U
84-66-2	Diethyl phthalate	1.1	U
86-73-7	Fluorene	1.1	U
7005-72-3	4-Chlorophenyl phenyl ether	1.1	U
100-01-6	4-Nitroaniline	1.1	U
534-52-1	4,6-Dinitro-2-methylphenol	5.5	U
86-30-6	n-Nitrosodiphenylamine	1.1	U
101-55-3	4-Bromophenyl phenyl ether	1.1	U
118-74-1	Hexachlorobenzene	1.1	U
87-86-5	Pentachlorophenol	5.5	U
85-01-8	Phenanthrene	1.1	U
120-12-7	Anthracene	1.1	U
84-74-2	Di-n-butylphthalate	3.3	U
206-44-0	Fluoranthene	1.1	U
92-87-5	Benzidine	60	J
129-00-0	Pyrene	1.1	U
85-68-7	Butyl benzyl phthalate	1.1	U
91-94-1	3,3'-Dichlorobenzidine	1.1	U
56-55-3	Benzo(a)anthracene	1.1	U
218-01-9	Chrysene	1.1	U
117-81-7	bis(2-Ethylhexyl)phthalate	3.3	U
117-84-0	Di-n-octyl phthalate	3.3	U
205-99-2	Benzo(b)fluoranthene	1.1	U
207-08-9	Benzo(k)fluoranthene	1.1	U
50-32-8	Benzo(a)pyrene	1.1	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U
53-70-3	Dibenz(a,h)anthracene	1.1	U
191-24-2	Benzo(g,h,i)perylene	1.1	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: SBLK060321
Matrix: (soil/water/air) WATER
Lab File ID: MAR2210.D
Sample wt/vol: 1000 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/22/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
62-75-9	n-Nitrosodimethylamine	3.0	U
110-86-1	Pyridine	2.0	U
108-95-2	Phenol	2.0	U
62-53-3	Aniline	2.0	U
111-44-4	bis(2-Chloroethyl)ether	1.0	U
95-57-8	2-Chlorophenol	2.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
95-48-7	2-Methylphenol	1.0	U
108-60-1	bis(2-chloroisopropyl)ether	1.0	U
106-44-5	4-Methylphenol	1.0	U
621-64-7	n-Nitroso-di-n-propylamine	1.0	U
67-72-1	Hexachloroethane	1.0	U
98-95-3	Nitrobenzene	1.0	U
78-59-1	Isophorone	1.0	U
88-75-5	2-Nitrophenol	5.0	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic acid	15	U
111-91-1	bis(2-Chloroethoxy)methane	1.0	U
120-83-2	2,4-Dichlorophenol	2.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
91-20-3	Naphthalene	1.0	U
106-47-8	4-Chloroaniline	1.0	U
87-68-3	Hexachlorobutadiene	1.0	U
59-50-7	4-Chloro-3-methylphenol	5.0	U
91-57-6	2-Methylnaphthalene	1.0	U
77-47-4	Hexachlorocyclopentadiene	1.0	U
88-06-2	2,4,6-Trichlorophenol	2.0	U
95-95-4	2,4,5-Trichlorophenol	2.0	U
91-58-7	2-Chloronaphthalene	1.0	U
88-74-4	2-Nitroaniline	1.0	U
131-11-3	Dimethyl phthalate	1.0	U
208-96-8	Acenaphthylene	1.0	U
606-20-2	2,6-Dinitrotoluene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0316-14
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: SBLK060321
Matrix: (soil/water/air) WATER
Lab File ID: MAR2210.D
Sample wt/vol: 1000 (g/ml) ML
Date Sampled: 3/15/2006
Level: (low/med) LOW
Date Extracted: 3/21/2006
% Moisture:
Date Analyzed: 3/22/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/L	Q
99-09-2	3-Nitroaniline	1.0	U
83-32-9	Acenaphthene	1.0	U
51-28-5	2,4-Dinitrophenol	5.0	U
100-02-7	4-Nitrophenol	5.0	U
132-64-9	Dibenzofuran	1.0	U
121-14-2	2,4-Dinitrotoluene	1.0	U
84-66-2	Diethyl phthalate	1.0	U
86-73-7	Fluorene	1.0	U
7005-72-3	4-Chlorophenyl phenyl ether	1.0	U
100-01-6	4-Nitroaniline	1.0	U
534-52-1	4,6-Dinitro-2-methylphenol	5.0	U
86-30-6	n-Nitrosodiphenylamine	1.0	U
101-55-3	4-Bromophenyl phenyl ether	1.0	U
118-74-1	Hexachlorobenzene	1.0	U
87-86-5	Pentachlorophenol	5.0	U
85-01-8	Phenanthrene	1.0	U
120-12-7	Anthracene	1.0	U
84-74-2	Di-n-butylphthalate	3.0	U
206-44-0	Fluoranthene	1.0	U
92-87-5	Benzidine	60	U
129-00-0	Pyrene	1.0	U
85-68-7	Butyl benzyl phthalate	1.0	U
91-94-1	3,3'-Dichlorobenzidine	1.0	U
56-55-3	Benzo(a)anthracene	1.0	U
218-01-9	Chrysene	1.0	U
117-81-7	bis(2-Ethylhexyl)phthalate	3.0	U
117-84-0	Di-n-octyl phthalate	3.0	U
205-99-2	Benzo(b)fluoranthene	1.0	U
207-08-9	Benzo(k)fluoranthene	1.0	U
50-32-8	Benzo(a)pyrene	1.0	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	U
53-70-3	Dibenz(a,h)anthracene	1.0	U
191-24-2	Benzo(g,h,i)perylene	1.0	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

2C

WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: New England Testing Lab Case No.: R0316-14

Lab Code: RI010 Client Name: Woodard & Curran

	Sample ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
01	SBLK060321	58	33	90	86	136	106	0
02	SLCS060321	63	38	100	100	161	112	0
03	MW-1	60	38	85	80	152	113	0
04	MW-2	78	53	93	91	142	104	0
05	MW-3	57	31	98	91	144	111	0
06	MW-5	70	43	96	92	158	107	0
07	MW-6	70	45	86	84	146	97	0
08	M-7SD	50	27	88	89	130	108	0
09	M-7TWB	57	31	85	84	125	103	0

QC LIMITS

S1	=	2-Fluorophenol	(9-124)
S2	=	Phenol-d6	(1-108)
S3	=	Nitrobenzene-d5	(36-117)
S4	=	2-Fluorobiphenyl	(41-106)
S5	=	2,4,6-Tribromophenol	(46-166)
S6	=	Terphenyl-d14	(40-152)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

Semivolatile Water Laboratory Control Spike

Date Extracted: 3/21/2006
Date Analyzed: 3/22/2006

	Amount Spiked ug/L	Result, ug/L	Recovery %	Recovery Limits
n-Nitrosodimethylamine	50	27	54	30-130
Pyridine	50	19	38	40-140
Phenol	50	17	33	30-130
Aniline	50	70	139	40-140
bis(2-Chloroethyl)ether	50	40	80	40-140
2-Chlorophenol	50	38	76	30-130
1,3-Dichlorobenzene	50	37	74	40-140
1,4-Dichlorobenzene	50	38	75	40-140
Benzyl alcohol	50	47	94	40-140
1,2-Dichlorobenzene	50	36	72	40-140
2-Methylphenol	50	32	64	30-130
bis(2-chloroisopropyl)ether	50	42	84	40-140
4-Methylphenol	50	29	57	30-130
n-Nitroso-di-n-propylamine	50	44	88	40-140
Hexachloroethane	50	39	78	40-140
Nitrobenzene	50	44	88	40-140
Isophorone	50	44	88	40-140
2-Nitrophenol	50	46	93	30-130
2,4-Dimethylphenol	50	40	79	30-130
bis(2-Chloroethoxy)methane	50	46	92	40-140
2,4-Dichlorophenol	50	43	85	40-160
1,2,4-Trichlorobenzene	50	40	81	40-140
Naphthalene	50	44	88	40-140
4-Chloroaniline	50	114	227	30-140
Hexachlorobutadiene	50	38	76	40-140
4-Chloro-3-methylphenol	50	41	83	30-130
2-Methylnaphthalene	50	41	82	40-140
Hexachlorocyclopentadiene	50	46	91	40-140
2,4,6-Trichlorophenol	50	44	88	30-130
2,4,5-Trichlorophenol	50	40	79	30-130
2-Chloronaphthalene	50	41	82	40-140
2-Nitroaniline	50	56	112	40-140
Dimethyl phthalate	50	45	89	40-140
Acenaphthylene	50	49	98	40-140
2,6-Dinitrotoluene	50	44	89	40-140
Acenaphthene	50	43	86	40-140
2,4-Dinitrophenol	50	40	81	30-130
4-Nitrophenol	50	20	41	30-130
Dibenzofuran	50	46	93	40-140
2,4-Dinitrotoluene	50	45	89	40-140
Diethyl phthalate	50	45	90	40-140
Fluorene	50	45	91	40-140
4-Chlorophenyl phenyl ethe	50	44	89	40-140

Semivolatile Water Laboratory Control Spike

Date Extracted: 3/21/2006
Date Analyzed: 3/22/2006

4,6-Dinitro-2-methylphenol	50	204	408	30-130
n-Nitrosodiphenylamine	50	71	141	40-140
Diphenylamine	50	71	141	40-140
4-Bromophenyl phenyl ether	50	48	97	40-140
Hexachlorobenzene	50	46	92	40-140
Phenanthrene	50	49	97	40-140
Anthracene	50	48	96	40-140
Di-n-butylphthalate	50	46	93	40-140
Fluoranthene	50	46	92	40-140
Pyrene	50	50	101	40-140
Butyl benzyl phthalate	50	47	93	40-140
Benzo(a)anthracene	50	47	94	40-140
Chrysene	50	48	96	40-140
bis(2-Ethylhexyl)phthalate	50	47	95	40-140
Di-n-octyl phthalate	50	43	86	40-140
Benzo(b)fluoranthene	50	47	94	40-140
Benzo(k)fluoranthene	50	50	101	40-140
Benzo(a)pyrene	50	49	98	40-140
Indeno(1,2,3-cd)pyrene	50	47	95	40-140
Dibenz(a,h)anthracene	50	48	96	40-140
Benzo(g,h,i)perylene	50	48	96	40-140

RESULTS: VOLATILE PETROLEUM HYDROCARBONS

Results for VPH analysis are presented in the following section. Each page is electronically signed. In the hardcopy report, two signatures appear on the approval line – the electronic signature and the handwritten signature.

SAMPLE INFORMATION

Matrix	X Aqueous	_ Soil _ Sediment _ Other:	
Containers	X Satisfactory	_ Broken _ Leaking:	
Sample Preservatives	Aqueous	_ N/A X pH≤2 _ pH>2 Comment:	
	Soil or Sediment	_ N/A _ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		_ Samples rec'd in Methanol: _ covering soil _ not covering soil	_ 1:1 +/- 25%
		_ Samples received in air-tight container:	_ Other:
Temperature	X Received on Ice	X Received at 4° C _Other:	

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	MW-2
Method for Target Analytes:			Lab ID	R0316-14
VPH Surrogate Standards			Date Collected	3/15/06
PID: Fluorobenzene			Date Received	3/16/06
FID: Fluorobenzene			Date Analyzed	3/23/06
			Dilution Factor	1X
			% Moisture (soil)	NA
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	50	ug/L	<50
Unadjusted C9-C12 Aliphatics[1]	N/A	50	ug/L	<50
Benzene	C5-C8	5	ug/L	<5
Ethylbenzene	C9-C12	5	ug/L	<5
Methyl-tert-butylether	C5-C8	10	ug/L	<10
Naphthalene	N/A	10	ug/L	<10
Toluene	C5-C8	5	ug/L	<5
m- & p- Xylenes	C9-C12	10	ug/L	<10
o-Xylene	C9-C12	10	ug/L	<10
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	50	ug/L	<50
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	ug/L	<50
C9-C10 Aromatic Hydrocarbons[1]	N/A	50	ug/L	<50
PID Surrogate % Recovery				92
FID Surrogate % Recovery				91
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /s/ POSITION: Laboratory Director .

PRINTED NAME: Mark H. Bishop DATE: 4/3/2006

SAMPLE INFORMATION

Matrix	X Aqueous	_ Soil _ Sediment _ Other:	
Containers	X Satisfactory	_ Broken _ Leaking:	
Sample Preservatives	Aqueous	_ N/A X pH≤2 _ pH>2 Comment:	
	Soil or Sediment	_ N/A _ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		_ Samples rec'd in Methanol: _ covering soil _ not covering soil	_ 1:1 +/- 25%
		_ Samples received in air-tight container:	_ Other:
Temperature	X Received on Ice	X Received at 4° C _Other:	

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	MW-5
Method for Target Analytes:			Lab ID	R0316-14
VPH Surrogate Standards			Date Collected	3/15/06
PID: Fluorobenzene			Date Received	3/16/06
FID: Fluorobenzene			Date Analyzed	3/24/06
			Dilution Factor	1X
			% Moisture (soil)	NA
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	50	ug/L	65
Unadjusted C9-C12 Aliphatics[1]	N/A	50	ug/L	<50
Benzene	C5-C8	5	ug/L	<5
Ethylbenzene	C9-C12	5	ug/L	<5
Methyl-tert-butylether	C5-C8	10	ug/L	<10
Naphthalene	N/A	10	ug/L	<10
Toluene	C5-C8	5	ug/L	<5
m- & p- Xylenes	C9-C12	10	ug/L	<10
o-Xylene	C9-C12	10	ug/L	<10
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	50	ug/L	65
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	ug/L	<50
C9-C10 Aromatic Hydrocarbons[1]	N/A	50	ug/L	<50
PID Surrogate % Recovery				100
FID Surrogate % Recovery				96
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /S POSITION: Laboratory Director .

PRINTED NAME: Mark H. Bishop DATE: 4/3/2006

SAMPLE INFORMATION

Matrix	X Aqueous	_ Soil _ Sediment _ Other:	
Containers	X Satisfactory	_ Broken _ Leaking:	
Sample Preservatives	Aqueous	_ N/A X pH≤2 _ pH>2 Comment:	
	Soil or Sediment	_ N/A _ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		_ Samples rec'd in Methanol: _ covering soil _ not covering soil	_ 1:1 +/- 25%
		_ Samples received in air-tight container:	_ Other:
Temperature	X Received on Ice	X Received at 4° C _Other:	

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	MW-6
Method for Target Analytes:			Lab ID	R0316-14
VPH Surrogate Standards			Date Collected	3/15/06
PID: Fluorobenzene			Date Received	3/16/06
FID: Fluorobenzene			Date Analyzed	3/24/06
			Dilution Factor	1X
			% Moisture (soil)	NA
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	50	ug/L	<50
Unadjusted C9-C12 Aliphatics[1]	N/A	50	ug/L	<50
Benzene	C5-C8	5	ug/L	<5
Ethylbenzene	C9-C12	5	ug/L	<5
Methyl-tert-butylether	C5-C8	10	ug/L	<10
Naphthalene	N/A	10	ug/L	<10
Toluene	C5-C8	5	ug/L	<5
m- & p- Xylenes	C9-C12	10	ug/L	<10
o-Xylene	C9-C12	10	ug/L	<10
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	50	ug/L	<50
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	ug/L	<50
C9-C10 Aromatic Hydrocarbons[1]	N/A	50	ug/L	<50
PID Surrogate % Recovery				95
FID Surrogate % Recovery				93
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /S POSITION: Laboratory Director .

PRINTED NAME: Mark H. Bishop DATE: 4/3/2006

SAMPLE INFORMATION

Matrix	X Aqueous	_ Soil _ Sediment _ Other:	
Containers	X Satisfactory	_ Broken _ Leaking:	
Sample Preservatives	Aqueous	_ N/A X pH≤2 _ pH>2 Comment:	
	Soil or Sediment	_ N/A _ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		_ Samples rec'd in Methanol: _ covering soil _ not covering soil	_ 1:1 +/- 25%
		_ Samples received in air-tight container:	_ Other:
Temperature	X Received on Ice	X Received at 4° C _Other:	

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	M-7SD
Method for Target Analytes:			Lab ID	R0316-14
VPH Surrogate Standards			Date Collected	3/15/06
PID: Fluorobenzene			Date Received	3/16/06
FID: Fluorobenzene			Date Analyzed	3/23/06
			Dilution Factor	1X
			% Moisture (soil)	NA
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	50	ug/L	<50
Unadjusted C9-C12 Aliphatics[1]	N/A	50	ug/L	<50
Benzene	C5-C8	5	ug/L	<5
Ethylbenzene	C9-C12	5	ug/L	<5
Methyl-tert-butylether	C5-C8	10	ug/L	<10
Naphthalene	N/A	10	ug/L	<10
Toluene	C5-C8	5	ug/L	<5
m- & p- Xylenes	C9-C12	10	ug/L	<10
o-Xylene	C9-C12	10	ug/L	<10
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	50	ug/L	<50
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	ug/L	<50
C9-C10 Aromatic Hydrocarbons[1]	N/A	50	ug/L	<50
PID Surrogate % Recovery				97
FID Surrogate % Recovery				96
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 4/3/2006

SAMPLE INFORMATION

Matrix	X Aqueous	_ Soil _ Sediment _ Other:	
Containers	X Satisfactory	_ Broken _ Leaking:	
Sample Preservatives	Aqueous	_ N/A X pH≤2 _ pH>2 Comment:	
	Soil or Sediment	_ N/A _ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		_ Samples rec'd in Methanol: _ covering soil _ not covering soil	_ 1:1 +/- 25%
		_ Samples received in air-tight container:	_ Other:
Temperature	X Received on Ice	X Received at 4° C _Other:	

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	M-7TWB
Method for Target Analytes:			Lab ID	R0316-14
VPH Surrogate Standards			Date Collected	3/15/06
PID: Fluorobenzene			Date Received	3/16/06
FID: Fluorobenzene			Date Analyzed	3/23/06
			Dilution Factor	1X
			% Moisture (soil)	NA
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	50	ug/L	<50
Unadjusted C9-C12 Aliphatics[1]	N/A	50	ug/L	<50
Benzene	C5-C8	5	ug/L	<5
Ethylbenzene	C9-C12	5	ug/L	<5
Methyl-tert-butylether	C5-C8	10	ug/L	<10
Naphthalene	N/A	10	ug/L	<10
Toluene	C5-C8	5	ug/L	<5
m- & p- Xylenes	C9-C12	10	ug/L	<10
o-Xylene	C9-C12	10	ug/L	<10
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	50	ug/L	<50
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	ug/L	<50
C9-C10 Aromatic Hydrocarbons[1]	N/A	50	ug/L	<50
PID Surrogate % Recovery				95
FID Surrogate % Recovery				96
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /s/ POSITION: Laboratory Director .

PRINTED NAME: Mark H. Bishop DATE: 4/3/2006

SAMPLE INFORMATION

Matrix	X Aqueous	__ Soil __ Sediment __ Other:	
Containers	__ Satisfactory	__ Broken __ Leaking:	
Sample Preservatives	Aqueous	X N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		__ Samples rec'd in Methanol: __ covering soil __ not covering soil	__ 1:1 +/- 25%
		__ Samples received in air-tight container:	__ Other:
Temperature	__ Received on Ice	__ Received at 4° C __ Other:	

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	Method Blank
Method for Target Analytes:			Lab ID	R0316-14
VPH Surrogate Standards			Date Collected	NA
PID: Fluorobenzene			Date Received	NA
FID: Fluorobenzene			Date Analyzed	3/23/06
			Dilution Factor	1X
			% Moisture (soil)	NA
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	50	ug/L	<50
Unadjusted C9-C12 Aliphatics[1]	N/A	50	ug/L	<50
Benzene	C5-C8	5	ug/L	<5
Ethylbenzene	C9-C12	5	ug/L	<5
Methyl-tert-butylether	C5-C8	10	ug/L	<10
Naphthalene	N/A	10	ug/L	<10
Toluene	C5-C8	5	ug/L	<5
m- & p- Xylenes	C9-C12	10	ug/L	<10
o-Xylene	C9-C12	10	ug/L	<10
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	50	ug/L	<50
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	50	ug/L	<50
C9-C10 Aromatic Hydrocarbons[1]	N/A	50	ug/L	<50
PID Surrogate % Recovery				85
FID Surrogate % Recovery				84
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /s/ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 4/3/2006

VPH Laboratory Control Spike - Water

Date Analyzed: 3/23/06

	Amount Spiked, µg/L	Result, µg/L	Recovery, %	Recovery Limits, %
TBME	100.0	54	54	40-140
Benzene	100.0	103	103	40-140
Toluene	100.0	101	101	40-140
Ethylbenzene	100.0	99	99	40-140
m&p Xylene	200.0	186	93	40-140
o-Xylene	100.0	94	94	40-140
Naphthalene	100.0	177	177	N/A
Pentane	100.0	82	82	40-140
2-Methyl pentane	100.0	84	84	40-140
2,2,4-trimethylpentane	100.0	88	88	40-140

RESULTS: EXTRACTABLE PETROLEUM HYDROCARBONS

Results for EPH analysis are presented in the following section. Each page is electronically signed. In the hardcopy report, two signatures appear on the approval line – the electronic signature and the handwritten signature.

SAMPLE INFORMATION

Matrix	X Aqueous Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	N/A X pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Separatory Funnel Soil: N/A

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	MW-1
Method for Target Analytes:			Lab ID	R0316-14
EPH Surrogate Standards			Date Collected	3/15/06
Aliphatic: Chlorooctadecane			Date Received	3/16/06
Aromatic: o-Terphenyl			Date Extracted	3/20/06
EPH Fractionation Surrogates			Date Analyzed	3/23/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	N/A
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		50	ug/L	<50
Diesel PAH Analytes	Naphthalene	1	ug/L	<1
	2-Methylnaphthalene	1	ug/L	<1
	Phenanthrene	1	ug/L	<1
	Acenaphthylene	1	ug/L	<1
Other Target PAH Analytes	Acenaphthene	5	ug/L	<5
	Fluorene	5	ug/L	<5
	Anthracene	5	ug/L	<5
	Fluoranthene	5	ug/L	<5
	Pyrene	5	ug/L	<5
	Benzo(a)anthracene	1	ug/L	<1
	Chrysene	2	ug/L	<2
	Benzo(b)fluoranthene	1	ug/L	<1
	Benzo(k)fluoranthene	1	ug/L	<1
	Benzo(a)pyrene	0.2	ug/L	<0.2
	Indeno(1,2,3-cd)pyrene	0.5	ug/L	<0.5
	Dibenzo(a,h)anthracene	0.5	ug/L	<0.5
	Benzo(g,h,i)perylene	5	ug/L	<5
C9-C18 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C19-C36 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C11-C22 Aromatic Hydrocarbons[1,2]		50	ug/L	<50
Aliphatic Surrogate % Recovery				59
Aromatic Surrogate % Recovery				70
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				77
Fractionation Surrogate % Recovery				70
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 4/3/2006

SAMPLE INFORMATION

Matrix	X Aqueous Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	N/A X pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Separatory Funnel Soil: N/A

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	MW-2
Method for Target Analytes:			Lab ID	R0316-14
EPH Surrogate Standards			Date Collected	3/15/06
Aliphatic: Chlorooctadecane			Date Received	3/16/06
Aromatic: o-Terphenyl			Date Extracted	3/20/06
EPH Fractionation Surrogates			Date Analyzed	3/23/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	N/A
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		50	ug/L	<50
Diesel PAH Analytes	Naphthalene	1	ug/L	<1
	2-Methylnaphthalene	1	ug/L	<1
	Phenanthrene	1	ug/L	<1
	Acenaphthylene	1	ug/L	<1
Other Target PAH Analytes	Acenaphthene	5	ug/L	<5
	Fluorene	5	ug/L	<5
	Anthracene	5	ug/L	<5
	Fluoranthene	5	ug/L	<5
	Pyrene	5	ug/L	<5
	Benzo(a)anthracene	1	ug/L	<1
	Chrysene	2	ug/L	<2
	Benzo(b)fluoranthene	1	ug/L	<1
	Benzo(k)fluoranthene	1	ug/L	<1
	Benzo(a)pyrene	0.2	ug/L	<0.2
	Indeno(1,2,3-cd)pyrene	0.5	ug/L	<0.5
	Dibenzo(a,h)anthracene	0.5	ug/L	<0.5
	Benzo(g,h,i)perylene	5	ug/L	<5
C9-C18 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C19-C36 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C11-C22 Aromatic Hydrocarbons[1,2]		50	ug/L	<50
Aliphatic Surrogate % Recovery				92
Aromatic Surrogate % Recovery				67
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				84
Fractionation Surrogate % Recovery				77
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 4/3/2006

SAMPLE INFORMATION

Matrix	X Aqueous Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	N/A X pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Separatory Funnel Soil: N/A

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	MW-5
Method for Target Analytes:			Lab ID	R0316-14
EPH Surrogate Standards			Date Collected	3/15/06
Aliphatic: Chlorooctadecane			Date Received	3/16/06
Aromatic: o-Terphenyl			Date Extracted	3/20/06
EPH Fractionation Surrogates			Date Analyzed	3/23/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	N/A
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		50	ug/L	<50
Diesel PAH Analytes	Naphthalene	1	ug/L	2
	2-Methylnaphthalene	1	ug/L	1
	Phenanthrene	1	ug/L	<1
	Acenaphthylene	1	ug/L	<1
Other Target PAH Analytes	Acenaphthene	5	ug/L	<5
	Fluorene	5	ug/L	<5
	Anthracene	5	ug/L	<5
	Fluoranthene	5	ug/L	<5
	Pyrene	5	ug/L	<5
	Benzo(a)anthracene	1	ug/L	<1
	Chrysene	2	ug/L	<2
	Benzo(b)fluoranthene	1	ug/L	<1
	Benzo(k)fluoranthene	1	ug/L	<1
	Benzo(a)pyrene	0.2	ug/L	<0.2
	Indeno(1,2,3-cd)pyrene	0.5	ug/L	<0.5
	Dibenzo(a,h)anthracene	0.5	ug/L	<0.5
	Benzo(g,h,i)perylene	5	ug/L	<5
C9-C18 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C19-C36 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C11-C22 Aromatic Hydrocarbons[1,2]		50	ug/L	<50
Aliphatic Surrogate % Recovery				72
Aromatic Surrogate % Recovery				72
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				84
Fractionation Surrogate % Recovery				75
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 4/3/2006

SAMPLE INFORMATION

Matrix	X Aqueous Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	N/A X pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Separatory Funnel Soil: N/A

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	MW-6
Method for Target Analytes:			Lab ID	R0316-14
EPH Surrogate Standards			Date Collected	3/15/06
Aliphatic: Chlorooctadecane			Date Received	3/16/06
Aromatic: o-Terphenyl			Date Extracted	3/20/06
EPH Fractionation Surrogates			Date Analyzed	3/23/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	N/A
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		50	ug/L	<50
Diesel PAH Analytes	Naphthalene	1	ug/L	<1
	2-Methylnaphthalene	1	ug/L	<1
	Phenanthrene	1	ug/L	<1
	Acenaphthylene	1	ug/L	<1
Other Target PAH Analytes	Acenaphthene	5	ug/L	<5
	Fluorene	5	ug/L	<5
	Anthracene	5	ug/L	<5
	Fluoranthene	5	ug/L	<5
	Pyrene	5	ug/L	<5
	Benzo(a)anthracene	1	ug/L	<1
	Chrysene	2	ug/L	<2
	Benzo(b)fluoranthene	1	ug/L	<1
	Benzo(k)fluoranthene	1	ug/L	<1
	Benzo(a)pyrene	0.2	ug/L	<0.2
	Indeno(1,2,3-cd)pyrene	0.5	ug/L	<0.5
	Dibenzo(a,h)anthracene	0.5	ug/L	<0.5
	Benzo(g,h,i)perylene	5	ug/L	<5
C9-C18 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C19-C36 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C11-C22 Aromatic Hydrocarbons[1,2]		50	ug/L	<50
Aliphatic Surrogate % Recovery				77
Aromatic Surrogate % Recovery				80
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				89
Fractionation Surrogate % Recovery				82
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 4/3/2006

SAMPLE INFORMATION

Matrix	X Aqueous Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	N/A X pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Separatory Funnel Soil: N/A

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	M-7SD
Method for Target Analytes:			Lab ID	R0316-14
EPH Surrogate Standards			Date Collected	3/15/06
Aliphatic: Chlorooctadecane			Date Received	3/16/06
Aromatic: o-Terphenyl			Date Extracted	3/20/06
EPH Fractionation Surrogates			Date Analyzed	3/23/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	N/A
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		50	ug/L	<50
Diesel PAH Analytes	Naphthalene	1	ug/L	<1
	2-Methylnaphthalene	1	ug/L	<1
	Phenanthrene	1	ug/L	<1
	Acenaphthylene	1	ug/L	<1
Other Target PAH Analytes	Acenaphthene	5	ug/L	<5
	Fluorene	5	ug/L	<5
	Anthracene	5	ug/L	<5
	Fluoranthene	5	ug/L	<5
	Pyrene	5	ug/L	<5
	Benzo(a)anthracene	1	ug/L	<1
	Chrysene	2	ug/L	<2
	Benzo(b)fluoranthene	1	ug/L	<1
	Benzo(k)fluoranthene	1	ug/L	<1
	Benzo(a)pyrene	0.2	ug/L	<0.2
	Indeno(1,2,3-cd)pyrene	0.5	ug/L	<0.5
	Dibenzo(a,h)anthracene	0.5	ug/L	<0.5
	Benzo(g,h,i)perylene	5	ug/L	<5
C9-C18 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C19-C36 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C11-C22 Aromatic Hydrocarbons[1,2]		50	ug/L	<50
Aliphatic Surrogate % Recovery				64
Aromatic Surrogate % Recovery				58
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				72
Fractionation Surrogate % Recovery				66
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 4/3/2006

SAMPLE INFORMATION

Matrix	X Aqueous Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	N/A X pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Separatory Funnel Soil: N/A

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	M-7TWB
Method for Target Analytes:			Lab ID	R0316-14
EPH Surrogate Standards			Date Collected	3/15/06
Aliphatic: Chlorooctadecane			Date Received	3/16/06
Aromatic: o-Terphenyl			Date Extracted	3/20/06
EPH Fractionation Surrogates			Date Analyzed	3/23/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	N/A
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		50	ug/L	<50
Diesel PAH Analytes	Naphthalene	1	ug/L	<1
	2-Methylnaphthalene	1	ug/L	<1
	Phenanthrene	1	ug/L	<1
	Acenaphthylene	1	ug/L	<1
Other Target PAH Analytes	Acenaphthene	5	ug/L	<5
	Fluorene	5	ug/L	<5
	Anthracene	5	ug/L	<5
	Fluoranthene	5	ug/L	<5
	Pyrene	5	ug/L	<5
	Benzo(a)anthracene	1	ug/L	<1
	Chrysene	2	ug/L	<2
	Benzo(b)fluoranthene	1	ug/L	<1
	Benzo(k)fluoranthene	1	ug/L	<1
	Benzo(a)pyrene	0.2	ug/L	<0.2
	Indeno(1,2,3-cd)pyrene	0.5	ug/L	<0.5
	Dibenzo(a,h)anthracene	0.5	ug/L	<0.5
	Benzo(g,h,i)perylene	5	ug/L	<5
C9-C18 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C19-C36 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C11-C22 Aromatic Hydrocarbons[1,2]		50	ug/L	<50
Aliphatic Surrogate % Recovery				64
Aromatic Surrogate % Recovery				68
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				82
Fractionation Surrogate % Recovery				76
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

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SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 4/3/2006

SAMPLE INFORMATION

Matrix	X Aqueous Soil Sediment Other:
Containers	Satisfactory Broken Leaking:
Aqueous Preservatives	N/A pH<2 pH>2 Comment:
Temperature	Received on Ice Received at 4 ° C Other:
Extraction Method	Water: Separatory Funnel Soil: N/A

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	Method Blank
Method for Target Analytes:			Lab ID	R0316-14
EPH Surrogate Standards			Date Collected	NA
Aliphatic: Chlorooctadecane			Date Received	NA
Aromatic: o-Terphenyl			Date Extracted	3/20/06
EPH Fractionation Surrogates			Date Analyzed	3/22/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	N/A
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		50	ug/L	<50
Diesel PAH Analytes	Naphthalene	1	ug/L	<1
	2-Methylnaphthalene	1	ug/L	<1
	Phenanthrene	1	ug/L	<1
	Acenaphthylene	1	ug/L	<1
Other Target PAH Analytes	Acenaphthene	5	ug/L	<5
	Fluorene	5	ug/L	<5
	Anthracene	5	ug/L	<5
	Fluoranthene	5	ug/L	<5
	Pyrene	5	ug/L	<5
	Benzo(a)anthracene	1	ug/L	<1
	Chrysene	2	ug/L	<2
	Benzo(b)fluoranthene	1	ug/L	<1
	Benzo(k)fluoranthene	1	ug/L	<1
	Benzo(a)pyrene	0.2	ug/L	<0.2
	Indeno(1,2,3-cd)pyrene	0.5	ug/L	<0.5
	Dibenzo(a,h)anthracene	0.5	ug/L	<0.5
	Benzo(g,h,i)perylene	5	ug/L	<5
C9-C18 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C19-C36 Aliphatic Hydrocarbons[1]		50	ug/L	<50
C11-C22 Aromatic Hydrocarbons[1,2]		50	ug/L	<50
Aliphatic Surrogate % Recovery				60
Aromatic Surrogate % Recovery				74
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				89
Fractionation Surrogate % Recovery				82
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 4/3/2006

LABORATORY CONTROL SPIKE

Extractable Petroleum Hydrocarbons
Matrix: Water
Date extracted: 3/20/2006
Date analyzed: 3/22/2006

Analyte	TRUE Value	Result, ug/l	Recovery, %	QC Limits
Aliphatics C_9 to C_{18}	240	140	58	40-160
Aliphatics C_{19} to C_{36}	320	198	62	40-160
Aromatics C_{11} to C_{22}	680	501	74	40-160
Naphthalene	40	28	71	40-160
2-Methylnaphthalene	40	27	68	40-160
Acenaphthylene	40	30	76	40-160
Acenaphthene	40	30	76	40-160
Fluorene	40	31	77	40-160
Phenanthrene	40	31	77	40-160
Anthracene	40	29	74	40-160
Fluoranthene	40	30	74	40-160
Pyrene	40	30	75	40-160
Benzo(a)anthracene	40	30	75	40-160
Chrysene	40	30	74	40-160
Benzo(b) fluoranthene	40	29	73	40-160
Benzo(k)fluoranthene	40	30	76	40-160
Benzo(a)pyrene	40	29	73	40-160
Indeno-(1,2,3-cd) pyrene	40	28	70	40-160
Dibenzo(a,h)anthracene	40	30	75	40-160
Benzo(g,h,i)perylene	40	29	74	40-160

Custody Records

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue
North Providence, RI 02904

CHAIN OF CUSTODY RECORD

R0316-14

PROJ. NO. 218390 | PROJECT NAME: Holbrook chemical

CLIENT: Woodard & Curran - Craig Blake

SAMPLE I.D.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	EPH	VPH	RCRA 8 metals - dissolved	SVOC	Pesticides	VOCs	REMARKS
MW-1	3/15	1100		X		6	X		X	X	X	X	
MW-2		805		X		8	X	X	X	X	X	X	
MW-3		805		X		5			X	X	X	X	
MW-5		930		X		8	X	X	X	X	X	X	
MW-6		930		X		8	X	X	X	X	X	X	
M-7SD		1345		X		8	X	X	X	X	X	X	
M-7TWB	↓	1430		X		7	X	X	X	X		X	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	3/16/06 9:25AM				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time	Remarks	
		A Sweeny	3/16/06 1144	* RCRA 8 metals samples field filtered w/ 0.45 micron filter.	

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number R0310-08

Prepared for:

Attn: Craig Blake
Woodard & Curran
980 Washington St. 325N
Dedham, MA 02026

Report Date: March 20, 2006

Lab # RI010

Electronic Copy

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc. Project #: 218390

Project Location: Holbrook Chemical RTN[1]:

This form provides certifications for the following data set: R0310-08

Sample Matrices: Groundwater ( ) Soil/Sediment (X) Drinking Water ( ) Other:

SW-846 Methods Used					
	8260B (X)	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C (X)	8081A (X)	VPH (X)	6020 ( )	9014M[2] ( )
	8082 ( )	8021B ( )	EPH (X)	7000 S[3] ( )	Other: (X)

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, and C is required for "Presumptive Certainty" status

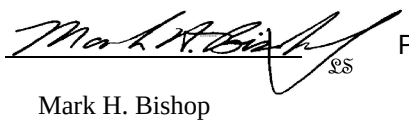
A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes (X) 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] (X)
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) 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: Mark H. Bishop Date: 3/20/2006

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc. Project #: 218390

Project Location: Holbrook Chemical RTN[1]:

This form provides certifications for the following data set: R0310-08

Sample Matrices: Groundwater ( ) Soil/Sediment (X) Drinking Water ( ) Other:

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B (X)	7470A/1A (X)
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 ( )	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

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, and C 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 (X) 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 (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	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 (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) No[1] ( )

[1]All NO answers must be addressed in an attached Environmental Laboratory

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: Jodi Lyons Position: Director, Inorganics

Printed Name: Jodi Lyons Date: 03/16/2006

STATEMENTS/CERTIFICATIONS REQUIRED BY THE NATIONAL ENVIRONMENTAL LABORATORY APPROVAL CONFERENCE (NELAC)

New England Testing Laboratory is certified under the National Environmental Laboratory Approval Program (NELAP). This certification requires the following statements and certifications be included in our report.

This report shall not be reproduced, except in full, without written approval of the laboratory.

New England Testing certifies that the test results contained within this report meet all NELAC requirements except as detailed in the Case Narrative section of this report.

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on March 10, 2006. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. The case number for this sample submission is R0310-08.

Custody records are included in this report.

Site: Holbrook Chemical

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
MW-1 0-7	3/9/06	Soil	Table II, III
MW-2 5-7	3/9/06	Soil	Table II, III, IV
MW-4 5-7	3/9/06	Soil	Table II, IV

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
Volatile Organics Compounds	5035	8260B
Semivolatile Organic Compounds	3541	8270C
EPH	NA	*
Total Metals		
Arsenic	3050B	6010B
Barium	3050B	6010B
Cadmium	3050B	6010B
Chromium	3050B	6010B
Lead	3050B	6010B
Mercury	NA	7471A
Selenium	3050B	6010B
Silver	3050B	6010B

TABLE III, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
Pesticides	3541	8081A

TABLE IV, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
VPH	NA	**

These methods are documented in:

*Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MADEP.

**Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MADEP.

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No trip or field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

Volatile Organic Compounds:

All samples were analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

Semivolatile Organic Compounds:

All samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria, with the following exceptions:

- Recovery of the acid surrogate compound 2,4,6-Tribromophenol exceeded the upper QC limit in the LCS sample and the three field samples. This does not adversely affect sample results, as the only acid compound detected in the field samples was Phenol. The surrogate Phenol-d6 was within QC limits for all samples.
- The compounds di-n-Butylphthalate and bis(2-Ethylhexyl)phthalate were detected in the method blank at compounds marginally exceeded the reporting limit. These compounds were also detected in each of the field samples; these results have been annotated with a "B" qualifier for this reason.
- The following compounds exhibited high recovery in the LCS sample: Aniline, 4-Chloroaniline, 2-Nitroaniline, Diphenylamine, 3,3'-Dichlorobenzidine. This does not adversely affect sample results, as these compounds were not detected in any of the field samples or in the method blank.

Metals:

All analyses were performed according to NETLAB's documented Standard Operating Procedures, within all required holding times, and with appropriate quality control measures. All QC was within laboratory established acceptance criteria. The samples were received, processed, and reported with no anomalies.

Pesticides:

All samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

VPH:

All samples were analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

EPH:

All samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

Sample Results

METALS RESULTS

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Metals Analysis Department certifies that the results included in this section have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

New England Testing Laboratory, Inc.

METALS RESULTS

Case Number: R0310-08
Sample ID: MW-1 0-7
Date collected: 3/9/06
Matrix SOIL
Solids, % 83.32
Sample Type: Total

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	1.04	0.74	0.74	mg/kg	3/14/06	3/14/06
Barium	7440-39-3	3050B	6010B	34	0.37	0.37	mg/kg	3/14/06	3/14/06
Cadmium	7440-43-9	3050B	6010B	0.52	0.37	0.37	mg/kg	3/14/06	3/14/06
Chromium	7440-47-3	3050B	6010B	11	0.37	0.37	mg/kg	3/14/06	3/14/06
Lead	7439-92-1	3050B	6010B	23	0.37	0.37	mg/kg	3/14/06	3/14/06
Mercury	7439-97-6	NA	7471A	0.062	0.062	0.062	mg/kg	3/14/06	3/15/06
Selenium	7782-49-2	3050B	6010B	ND	0.74	0.74	mg/kg	3/14/06	3/14/06
Silver	7440-22-4	3050B	6010B	ND	0.37	0.37	mg/kg	3/14/06	3/14/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0310-08
Sample ID: MW-2 5-7
Date collected: 3/9/06
Matrix SOIL
Solids, % 97.11
Sample Type: Total

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	ND	0.67	0.67	mg/kg	3/14/06	3/14/06
Barium	7440-39-3	3050B	6010B	23	0.33	0.33	mg/kg	3/14/06	3/14/06
Cadmium	7440-43-9	3050B	6010B	0.47	0.33	0.33	mg/kg	3/14/06	3/14/06
Chromium	7440-47-3	3050B	6010B	7.56	0.33	0.33	mg/kg	3/14/06	3/14/06
Lead	7439-92-1	3050B	6010B	5.08	0.33	0.33	mg/kg	3/14/06	3/14/06
Mercury	7439-97-6	NA	7471A	ND	0.061	0.061	mg/kg	3/14/06	3/15/06
Selenium	7782-49-2	3050B	6010B	ND	0.67	0.67	mg/kg	3/14/06	3/14/06
Silver	7440-22-4	3050B	6010B	ND	0.33	0.33	mg/kg	3/14/06	3/14/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0310-08
Sample ID: MW-4 5-7
Date collected: 3/9/06
Matrix SOIL
Solids, % 89.93
Sample Type: Total

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	1.25	0.69	0.69	mg/kg	3/14/06	3/14/06
Barium	7440-39-3	3050B	6010B	21	0.35	0.35	mg/kg	3/14/06	3/14/06
Cadmium	7440-43-9	3050B	6010B	0.42	0.35	0.35	mg/kg	3/14/06	3/14/06
Chromium	7440-47-3	3050B	6010B	6.60	0.35	0.35	mg/kg	3/14/06	3/14/06
Lead	7439-92-1	3050B	6010B	10	0.35	0.35	mg/kg	3/14/06	3/14/06
Mercury	7439-97-6	NA	7471A	ND	0.069	0.069	mg/kg	3/14/06	3/15/06
Selenium	7782-49-2	3050B	6010B	ND	0.69	0.69	mg/kg	3/14/06	3/14/06
Silver	7440-22-4	3050B	6010B	ND	0.35	0.35	mg/kg	3/14/06	3/14/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Sample ID: Preparation Blank
Matrix SOIL
Solids, % 100
Sample Type: Total

Analyst AR/BNS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	ND	0.67	0.67	mg/kg	3/14/06	3/14/06
Barium	7440-39-3	3050B	6010B	ND	0.33	0.33	mg/kg	3/14/06	3/14/06
Cadmium	7440-43-9	3050B	6010B	ND	0.33	0.33	mg/kg	3/14/06	3/14/06
Chromium	7440-47-3	3050B	6010B	ND	0.33	0.33	mg/kg	3/14/06	3/14/06
Lead	7439-92-1	3050B	6010B	0.33	0.33	0.33	mg/kg	3/14/06	3/14/06
Mercury	7439-97-6	NA	7471A	ND	0.067	0.067	mg/kg	3/14/06	3/15/06
Selenium	7782-49-2	3050B	6010B	ND	0.67	0.67	mg/kg	3/14/06	3/14/06
Silver	7440-22-4	3050B	6010B	ND	0.33	0.33	mg/kg	3/14/06	3/14/06

ND indicates not Detected

All results are reported on a dry weight basis.

LABORATORY CONTROL SAMPLE RECOVERY

Parameter	True Value	Result	Units	Recovery, %	Internal LCL, %	UCL, %	Date Analyzed
Arsenic	66.7	67.3	mg/kg	101	88	117	3/14/06
Barium	66.7	67.3	mg/kg	101	90	108	3/14/06
Cadmium	66.7	64.1	mg/kg	96.2	92	107	3/14/06
Chromium	66.7	64.1	mg/kg	96.1	90	110	3/14/06
Lead	66.7	64.9	mg/kg	97.4	88	111	3/14/06
Mercury	0.133	0.133	mg/kg	100	88	113	3/15/06
Selenium	66.7	60.7	mg/kg	91.1	84	105	3/14/06
Silver	66.7	65.7	mg/kg	98.6	84	109	3/14/06

RESULTS: PESTICIDES

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: MW-1 0-7		Analyst's Initials: DC
Case No.: R0310-08		
Date Collected: 3/9/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/19/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	12	10
4,4'-DDT	17	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	86	19-139
DCBP	96	29-155

*Dry Weight Basis

Sample: MW-2 5-7		Analyst's Initials: DC
Case No.: R0310-08		
Date Collected: 3/9/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/19/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	89	19-139
DCBP	94	29-155

*Dry Weight Basis

Sample: Method Blank		Analyst's Initials: DC
Case No.: R0310-08		
Date Collected: NA		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/19/06
Analytical Method: EPA		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	73	19-139
DCBP	98	29-155

Pesticide Laboratory Control Spike

Date Collected: NA			Analyst's Initials	DC
Sample Matrix: Soil				
Subject: Pesticides	Date Extracted			Date Analyzed
Prep Method: EPA 3541	3/15/06			3/17/06
Analytical Method: EPA				
Compound	Amount Spiked ng/ml (ppb)	Result ng/ml (ppb)	Recovery %	Recovery Limits
alpha-BHC	40	24	59	40-140
gamma-BHC	40	27	68	40-140
beta-BHC	40	24	61	40-140
delta-BHC	40	27	67	40-140
Heptachlor	40	22	56	40-140
Aldrin	40	23	56	40-140
Heptachlor epoxide	40	25	62	40-140
gamma-Chlordane	40	23	56	40-140
alpha-Chlordane	40	22	56	40-140
4,4'-DDE	40	25	62	40-140
Endosulfan I	40	24	60	40-140
Dieldrin	40	22	54	40-140
Endrin	40	24	59	40-140
4,4'-DDD	40	23	57	40-140
Endosulfan II	40	23	58	40-140
4,4'-DDT	40	23	56	40-140
Endrin aldehyde	40	29	74	40-140
Methoxychlor	40	23	57	40-140
Endosulfan sulfate	40	20	50	40-140
Endrin Ketone	40	22	54	40-140
Surrogates:				
Compound	% Recovery	Limits		
TCMX	71	19-139		
DCBP	72	29-155		

RESULTS: VOLATILE ORGANIC COMPOUNDS

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 18.3 (g/ml) G
% Moisture 16.68
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-1 0-7
Lab File ID: MAR1434.D
Date Sampled: 3/9/2006
Date Analyzed: 3/15/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	48	
75-01-4	Vinyl Chloride	33	U
74-83-9	Bromomethane	100	
75-00-3	Chloroethane	33	U
67-64-1	Acetone	160	U
75-35-4	1,1-Dichloroethene	33	U
75-15-0	Carbon Disulfide	33	U
75-09-2	Methylene Chloride	310	
1634-04-4	tert-Butyl methyl ether	33	U
156-60-5	trans-1,2 Dichloroethene	33	U
75-34-3	1,1-Dichloroethane	33	U
78-93-3	2-Butanone	99	U
594-20-7	2,2-Dichloropropane	33	U
156-59-2	cis-1,2-Dichloroethene	33	U
67-66-3	Chloroform	33	U
74-97-5	Bromochloromethane	33	U
71-55-6	1,1,1-Trichloroethane	33	U
563-58-6	1,1-Dichloropropene	33	U
56-23-5	Carbon Tetrachloride	33	U
71-43-2	Benzene	33	U
107-06-2	1,2-Dichloroethane	33	U
79-01-6	Trichloroethene	150	
78-87-5	1,2-Dichloropropane	33	U
75-27-4	Bromodichloromethane	33	U
74-95-3	Dibromomethane	33	U
108-10-1	4-Methyl-2-pentanone	160	U
108-88-3	Toluene	33	U
79-00-5	1,1,2-Trichloroethane	33	U
591-78-6	2-Hexanone	33	U
127-18-4	Tetrachloroethene	33	U
124-48-1	Chlorodibromomethane	33	U
108-90-7	Chlorobenzene	33	U
630-20-6	1,1,1,2-Tetrachloroethane	33	U
100-41-4	Ethylbenzene	33	U
1330-20-7	m & p-Xylene	66	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 18.3 (g/ml) G
% Moisture 16.68
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-1 0-7
Lab File ID: MAR1434.D
Date Sampled: 3/9/2006
Date Analyzed: 3/15/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	33	U
100-42-5	Styrene	33	U
75-25-2	Bromoform	33	U
98-82-8	Isopropylbenzene	33	U
79-34-5	1,1,2,2-Tetrachloroethane	33	U
108-86-1	Bromobenzene	33	U
96-18-4	1,2,3-Trichloropropane	33	U
103-65-1	n-Propylbenzene	33	U
95-49-8	2-Chlorotoluene	33	U
108-67-8	1,3,5-Trimethylbenzene	33	U
106-43-4	4-Chlorotoluene	33	U
98-06-6	tert-Butylbenzene	33	U
95-63-6	1,2,4-Trimethylbenzene	33	U
135-98-8	sec-Butylbenzene	33	U
99-87-6	p-Isopropyltoluene	33	U
541-73-1	1,3-Dichlorobenzene	33	U
106-46-7	1,4-Dichlorobenzene	33	U
104-51-8	n-Butylbenzene	33	U
95-50-1	1,2-Dichlorobenzene	33	U
96-12-8	1,2-Dibromo-3-chloropropane	33	U
120-82-1	1,2,4-Trichlorobenzene	33	U
87-68-3	Hexachlorobutadiene	33	U
91-20-3	Naphthalene	33	U
87-61-6	1,2,3-Trichlorobenzene	33	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 22.6 (g/ml) G
% Moisture 2.89
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-2 5-7
Lab File ID: MAR1435.D
Date Sampled: 3/9/2006
Date Analyzed: 3/15/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	30	
75-01-4	Vinyl Chloride	23	U
74-83-9	Bromomethane	80	
75-00-3	Chloroethane	23	U
67-64-1	Acetone	110	U
75-35-4	1,1-Dichloroethene	23	U
75-15-0	Carbon Disulfide	23	U
75-09-2	Methylene Chloride	23	U
1634-04-4	tert-Butyl methyl ether	23	U
156-60-5	trans-1,2 Dichloroethene	23	U
75-34-3	1,1-Dichloroethane	23	U
78-93-3	2-Butanone	68	U
594-20-7	2,2-Dichloropropane	23	U
156-59-2	cis-1,2-Dichloroethene	23	U
67-66-3	Chloroform	23	U
74-97-5	Bromochloromethane	23	U
71-55-6	1,1,1-Trichloroethane	23	U
563-58-6	1,1-Dichloropropene	23	U
56-23-5	Carbon Tetrachloride	23	U
71-43-2	Benzene	23	U
107-06-2	1,2-Dichloroethane	23	U
79-01-6	Trichloroethene	23	U
78-87-5	1,2-Dichloropropane	23	U
75-27-4	Bromodichloromethane	23	U
74-95-3	Dibromomethane	23	U
108-10-1	4-Methyl-2-pentanone	110	U
108-88-3	Toluene	23	U
79-00-5	1,1,2-Trichloroethane	23	U
591-78-6	2-Hexanone	23	U
127-18-4	Tetrachloroethene	23	U
124-48-1	Chlorodibromomethane	23	U
108-90-7	Chlorobenzene	23	U
630-20-6	1,1,1,2-Tetrachloroethane	23	U
100-41-4	Ethylbenzene	23	U
1330-20-7	m & p-Xylene	46	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 22.6 (g/ml) G
% Moisture 2.89
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-2 5-7
Lab File ID: MAR1435.D
Date Sampled: 3/9/2006
Date Analyzed: 3/15/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	23	U
100-42-5	Styrene	23	U
75-25-2	Bromoform	23	U
98-82-8	Isopropylbenzene	23	U
79-34-5	1,1,2,2-Tetrachloroethane	23	U
108-86-1	Bromobenzene	23	U
96-18-4	1,2,3-Trichloropropane	23	U
103-65-1	n-Propylbenzene	23	U
95-49-8	2-Chlorotoluene	23	U
108-67-8	1,3,5-Trimethylbenzene	23	U
106-43-4	4-Chlorotoluene	23	U
98-06-6	tert-Butylbenzene	23	U
95-63-6	1,2,4-Trimethylbenzene	23	U
135-98-8	sec-Butylbenzene	23	U
99-87-6	p-Isopropyltoluene	23	U
541-73-1	1,3-Dichlorobenzene	23	U
106-46-7	1,4-Dichlorobenzene	23	U
104-51-8	n-Butylbenzene	23	U
95-50-1	1,2-Dichlorobenzene	23	U
96-12-8	1,2-Dibromo-3-chloropropane	23	U
120-82-1	1,2,4-Trichlorobenzene	23	U
87-68-3	Hexachlorobutadiene	23	U
91-20-3	Naphthalene	23	U
87-61-6	1,2,3-Trichlorobenzene	23	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 19.3 (g/ml) G
% Moisture 10.07
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-4 5-7
Lab File ID: MAR1436.D
Date Sampled: 3/9/2006
Date Analyzed: 3/15/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	40	
75-01-4	Vinyl Chloride	29	U
74-83-9	Bromomethane	87	
75-00-3	Chloroethane	29	U
67-64-1	Acetone	140	U
75-35-4	1,1-Dichloroethene	29	U
75-15-0	Carbon Disulfide	29	U
75-09-2	Methylene Chloride	29	U
1634-04-4	tert-Butyl methyl ether	29	U
156-60-5	trans-1,2 Dichloroethene	29	U
75-34-3	1,1-Dichloroethane	29	U
78-93-3	2-Butanone	87	U
594-20-7	2,2-Dichloropropane	29	U
156-59-2	cis-1,2-Dichloroethene	29	U
67-66-3	Chloroform	29	U
74-97-5	Bromochloromethane	29	U
71-55-6	1,1,1-Trichloroethane	29	U
563-58-6	1,1-Dichloropropene	29	U
56-23-5	Carbon Tetrachloride	29	U
71-43-2	Benzene	29	U
107-06-2	1,2-Dichloroethane	29	U
79-01-6	Trichloroethene	29	U
78-87-5	1,2-Dichloropropane	29	U
75-27-4	Bromodichloromethane	29	U
74-95-3	Dibromomethane	29	U
108-10-1	4-Methyl-2-pentanone	140	U
108-88-3	Toluene	29	U
79-00-5	1,1,2-Trichloroethane	29	U
591-78-6	2-Hexanone	29	U
127-18-4	Tetrachloroethene	29	U
124-48-1	Chlorodibromomethane	29	U
108-90-7	Chlorobenzene	50	
630-20-6	1,1,1,2-Tetrachloroethane	29	U
100-41-4	Ethylbenzene	29	U
1330-20-7	m & p-Xylene	58	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 19.3 (g/ml) G
% Moisture 10.07
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: MW-4 5-7
Lab File ID: MAR1436.D
Date Sampled: 3/9/2006
Date Analyzed: 3/15/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	29	U
100-42-5	Styrene	29	U
75-25-2	Bromoform	29	U
98-82-8	Isopropylbenzene	29	U
79-34-5	1,1,2,2-Tetrachloroethane	29	U
108-86-1	Bromobenzene	29	U
96-18-4	1,2,3-Trichloropropane	29	U
103-65-1	n-Propylbenzene	29	U
95-49-8	2-Chlorotoluene	29	U
108-67-8	1,3,5-Trimethylbenzene	29	U
106-43-4	4-Chlorotoluene	29	U
98-06-6	tert-Butylbenzene	29	U
95-63-6	1,2,4-Trimethylbenzene	29	U
135-98-8	sec-Butylbenzene	29	U
99-87-6	p-Isopropyltoluene	29	U
541-73-1	1,3-Dichlorobenzene	29	U
106-46-7	1,4-Dichlorobenzene	29	U
104-51-8	n-Butylbenzene	29	U
95-50-1	1,2-Dichlorobenzene	29	U
96-12-8	1,2-Dibromo-3-chloropropane	29	U
120-82-1	1,2,4-Trichlorobenzene	29	U
87-68-3	Hexachlorobutadiene	29	U
91-20-3	Naphthalene	29	U
87-61-6	1,2,3-Trichlorobenzene	29	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 10.0 (g/ml) G
% Moisture 0
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: VBLK060314
Lab File ID: MAR1424.D
Date Sampled: 3/9/2006
Date Analyzed: 3/14/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	50	U
75-01-4	Vinyl Chloride	50	U
74-83-9	Bromomethane	50	U
75-00-3	Chloroethane	50	U
67-64-1	Acetone	250	U
75-35-4	1,1-Dichloroethene	50	U
75-15-0	Carbon Disulfide	50	U
75-09-2	Methylene Chloride	50	U
1634-04-4	tert-Butyl methyl ether	50	U
156-60-5	trans-1,2 Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
78-93-3	2-Butanone	150	U
594-20-7	2,2-Dichloropropane	50	U
156-59-2	cis-1,2-Dichloroethene	50	U
67-66-3	Chloroform	50	U
74-97-5	Bromochloromethane	50	U
71-55-6	1,1,1-Trichloroethane	50	U
563-58-6	1,1-Dichloropropene	50	U
56-23-5	Carbon Tetrachloride	50	U
71-43-2	Benzene	50	U
107-06-2	1,2-Dichloroethane	50	U
79-01-6	Trichloroethene	50	U
78-87-5	1,2-Dichloropropane	50	U
75-27-4	Bromodichloromethane	50	U
74-95-3	Dibromomethane	50	U
108-10-1	4-Methyl-2-pentanone	250	U
108-88-3	Toluene	50	U
79-00-5	1,1,2-Trichloroethane	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	50	U
124-48-1	Chlorodibromomethane	50	U
108-90-7	Chlorobenzene	50	U
630-20-6	1,1,1,2-Tetrachloroethane	50	U
100-41-4	Ethylbenzene	50	U
1330-20-7	m & p-Xylene	100	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 10.0 (g/ml) G
% Moisture 0
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: VBLK060314
Lab File ID: MAR1424.D
Date Sampled: 3/9/2006
Date Analyzed: 3/14/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	50	U
100-42-5	Styrene	50	U
75-25-2	Bromoform	50	U
98-82-8	Isopropylbenzene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-86-1	Bromobenzene	50	U
96-18-4	1,2,3-Trichloropropane	50	U
103-65-1	n-Propylbenzene	50	U
95-49-8	2-Chlorotoluene	50	U
108-67-8	1,3,5-Trimethylbenzene	50	U
106-43-4	4-Chlorotoluene	50	U
98-06-6	tert-Butylbenzene	50	U
95-63-6	1,2,4-Trimethylbenzene	50	U
135-98-8	sec-Butylbenzene	50	U
99-87-6	p-Isopropyltoluene	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
104-51-8	n-Butylbenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
96-12-8	1,2-Dibromo-3-chloropropane	50	U
120-82-1	1,2,4-Trichlorobenzene	50	U
87-68-3	Hexachlorobutadiene	50	U
91-20-3	Naphthalene	50	U
87-61-6	1,2,3-Trichlorobenzene	50	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: New England Testing Lab Contract: Holbrook Chemica

Lab Code: RI010 Case No.: R0310-08 SAS No.: _____ SDG No.: Woodard

Level: (low/med) MED

	EPA SAMPLE NO.	SMC1 #	SMC2 #	SMC3 #	TOT OUT
01	VBLK060314	87	95	90	0
02	MW-1 0-7	105	96	96	0
03	MW-2 5-7	109	100	95	0
04	MW-4 5-7	109	99	98	0
05	VLCS0603014	101	98	102	0

QC LIMITS

SMC1	=	1,2-Dichloroethane-D4	(76-130)
SMC2	=	Toluene-D8	(85-124)
SMC3	=	Bromofluorobenzene	(77-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

Volatile Organics Laboratory Control Spike

Date Analyzed: 3/15/06 **Sample ID: VLCS060314**

Compound	Spike Added (ug/L)	Spike Result (ug/L)	Recovery, %	Lower Control Limit, %	Upper Control Limit, %
Chloromethane	50	54	109	70	164
Vinyl Chloride	50	54	108	70	155
Bromomethane	50	82	165	15	213
Chloroethane	50	67	133	52	193
1,1-Dichloroethene	50	51	102	77	137
Methylene Chloride	50	45	89	76	130
trans-1,2 Dichloroethene	50	47	94	74	128
1,1-Dichloroethane	50	48	96	78	126
cis-1,2-Dichloroethene	50	45	90	76	123
Chloroform	50	48	95	83	125
Bromochloromethane	50	47	94	76	121
1,1,1-Trichloroethane	50	50	100	73	129
1,1-Dichloropropene	50	50	100	79	122
Carbon Tetrachloride	50	55	109	74	129
Benzene	50	44	89	75	117
1,2-Dichloroethane	50	53	106	78	123
Trichloroethene	50	46	93	65	141
1,2-Dichloropropane	50	47	94	81	121
Bromodichloromethane	50	47	93	74	116
Dibromomethane	50	49	98	80	115
MIBK	50	74	148	72	147
cis-1,3-Dichloropropene	50	48	95	47	132
Toluene	50	47	94	74	119
Trans-1,3-Dichloropropene	50	52	104	52	136
1,1,2-Trichloroethane	50	49	99	81	118
Ethylene Dibromide	50	53	107	80	121
2-Hexanone	50	72	143	65	153
Tetrachloroethene	50	54	108	29	190
1,3-Dichloropropane	50	49	99	59	143
Chlorodibromomethane	50	47	94	79	114
Chlorobenzene	50	45	91	74	115
1,1,1,2-Tetrachloroethane	50	45	90	77	116
Ethylbenzene	50	46	93	77	117
m & p-Xylene	100	92	92	58	129
o-Xylene	50	48	95	24	175
Styrene	50	53	106	76	111
Bromoform	50	54	107	78	115
Isopropylbenzene	50	56	111	82	125
1,1,2,2-Tetrachloroethane	50	54	109	50	142

Volatile Organics Laboratory Control Spike

Date Analyzed: 3/15/06 **Sample ID: VLCS060314**

Compound	Spike Added (ug/L)	Spike Result (ug/L)	Recovery, %	Lower Control Limit, %	Upper Control Limit, %
Bromobenzene	50	52	104	78	116
1,2,3-Trichloropropane	50	57	115	76	120
n-Propylbenzene	50	55	109	75	118
2-Chlorotoluene	50	49	98	73	114
1,3,5-Trimethylbenzene	50	53	106	74	117
4-Chlorotoluene	50	52	104	72	115
tert-Butylbenzene	50	61	122	80	137
1,2,4-Trimethylbenzene	50	55	110	72	118
sec-Butylbenzene	50	53	107	73	114
p-Isopropyltoluene	50	53	107	72	140
1,3-Dichlorobenzene	50	53	106	69	116
1,4-Dichlorobenzene	50	54	109	69	117
n-Butylbenzene	50	50	101	65	130
1,2-Dichlorobenzene	50	54	108	73	113
1,2-Dibromo-3-chloropropane	50	64	128	46	138
1,2,4-Trichlorobenzene	50	52	104	35	157
Naphthalene	50	60	119	17	186
1,2,3-Trichlorobenzene	50	57	114	32	186

RESULTS: SEMIVOLATILE ORGANIC COMPOUNDS

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-1 0-7
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1622.D
Sample wt/vol: 20.2 (g/ml) G
Date Sampled: 3/9/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 16.68
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	180	U
110-86-1	Pyridine	120	U
108-95-2	Phenol	170	
62-53-3	Aniline	120	U
111-44-4	bis(2-Chloroethyl)ether	60	U
95-57-8	2-Chlorophenol	120	U
541-73-1	1,3-Dichlorobenzene	60	U
106-46-7	1,4-Dichlorobenzene	60	U
95-50-1	1,2-Dichlorobenzene	60	U
95-48-7	2-Methylphenol	60	U
108-60-1	bis(2-chloroisopropyl)ether	60	U
106-44-5	4-Methylphenol	60	U
621-64-7	n-Nitroso-di-n-propylamine	60	U
67-72-1	Hexachloroethane	60	U
98-95-3	Nitrobenzene	60	U
78-59-1	Isophorone	60	U
88-75-5	2-Nitrophenol	300	U
105-67-9	2,4-Dimethylphenol	600	U
65-85-0	Benzoic acid	890	U
111-91-1	bis(2-Chloroethoxy)methane	60	U
120-83-2	2,4-Dichlorophenol	120	U
120-82-1	1,2,4-Trichlorobenzene	60	U
91-20-3	Naphthalene	60	U
106-47-8	4-Chloroaniline	60	U
87-68-3	Hexachlorobutadiene	60	U
59-50-7	4-Chloro-3-methylphenol	300	U
91-57-6	2-Methylnaphthalene	60	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	120	U
95-95-4	2,4,5-Trichlorophenol	120	U
91-58-7	2-Chloronaphthalene	60	U
88-74-4	2-Nitroaniline	60	U
131-11-3	Dimethyl phthalate	60	U
208-96-8	Acenaphthylene	60	U
606-20-2	2,6-Dinitrotoluene	60	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-1 0-7
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1622.D
Sample wt/vol: 20.2 (g/ml) G
Date Sampled: 3/9/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 16.68
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	60	U
83-32-9	Acenaphthene	60	U
51-28-5	2,4-Dinitrophenol	300	U
100-02-7	4-Nitrophenol	300	U
132-64-9	Dibenzofuran	60	U
121-14-2	2,4-Dinitrotoluene	60	U
84-66-2	Diethyl phthalate	60	U
86-73-7	Fluorene	60	U
7005-72-3	4-Chlorophenyl phenyl ether	60	U
100-01-6	4-Nitroaniline	60	U
534-52-1	4,6-Dinitro-2-methylphenol	300	U
86-30-6	n-Nitrosodiphenylamine	60	U
101-55-3	4-Bromophenyl phenyl ether	60	U
118-74-1	Hexachlorobenzene	60	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	60	U
120-12-7	Anthracene	60	U
84-74-2	Di-n-butylphthalate	570	B
206-44-0	Fluoranthene	69	
92-87-5	Benzidine	3600	U
129-00-0	Pyrene	60	U
85-68-7	Butyl benzyl phthalate	60	U
91-94-1	3,3'-Dichlorobenzidine	60	U
56-55-3	Benzo(a)anthracene	60	U
218-01-9	Chrysene	60	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	B
117-84-0	Di-n-octyl phthalate	180	U
205-99-2	Benzo(b)fluoranthene	60	U
207-08-9	Benzo(k)fluoranthene	60	U
50-32-8	Benzo(a)pyrene	60	U
193-39-5	Indeno(1,2,3-cd)pyrene	60	U
53-70-3	Dibenz(a,h)anthracene	60	U
191-24-2	Benzo(g,h,i)perylene	60	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-2 5-7
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1623.D
Sample wt/vol: 20.511 (g/ml) G
Date Sampled: 3/9/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 2.89
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	150	U
110-86-1	Pyridine	100	U
108-95-2	Phenol	110	
62-53-3	Aniline	100	U
111-44-4	bis(2-Chloroethyl)ether	50	U
95-57-8	2-Chlorophenol	100	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
95-48-7	2-Methylphenol	50	U
108-60-1	bis(2-chloroisopropyl)ether	50	U
106-44-5	4-Methylphenol	50	U
621-64-7	n-Nitroso-di-n-propylamine	50	U
67-72-1	Hexachloroethane	50	U
98-95-3	Nitrobenzene	50	U
78-59-1	Isophorone	50	U
88-75-5	2-Nitrophenol	250	U
105-67-9	2,4-Dimethylphenol	500	U
65-85-0	Benzoic acid	750	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
120-83-2	2,4-Dichlorophenol	100	U
120-82-1	1,2,4-Trichlorobenzene	50	U
91-20-3	Naphthalene	50	U
106-47-8	4-Chloroaniline	50	U
87-68-3	Hexachlorobutadiene	50	U
59-50-7	4-Chloro-3-methylphenol	250	U
91-57-6	2-Methylnaphthalene	50	U
77-47-4	Hexachlorocyclopentadiene	50	U
88-06-2	2,4,6-Trichlorophenol	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	50	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl phthalate	50	U
208-96-8	Acenaphthylene	50	U
606-20-2	2,6-Dinitrotoluene	50	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-2 5-7
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1623.D
Sample wt/vol: 20.511 (g/ml) G
Date Sampled: 3/9/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 2.89
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	50	U
51-28-5	2,4-Dinitrophenol	250	U
100-02-7	4-Nitrophenol	250	U
132-64-9	Dibenzofuran	50	U
121-14-2	2,4-Dinitrotoluene	50	U
84-66-2	Diethyl phthalate	50	U
86-73-7	Fluorene	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	250	U
86-30-6	n-Nitrosodiphenylamine	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
118-74-1	Hexachlorobenzene	50	U
87-86-5	Pentachlorophenol	250	U
85-01-8	Phenanthrene	50	U
120-12-7	Anthracene	50	U
84-74-2	Di-n-butylphthalate	360	B
206-44-0	Fluoranthene	50	U
92-87-5	Benzidine	3000	U
129-00-0	Pyrene	50	U
85-68-7	Butyl benzyl phthalate	50	U
91-94-1	3,3'-Dichlorobenzidine	50	U
56-55-3	Benzo(a)anthracene	50	U
218-01-9	Chrysene	50	U
117-81-7	bis(2-Ethylhexyl)phthalate	6400	B
117-84-0	Di-n-octyl phthalate	150	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
50-32-8	Benzo(a)pyrene	50	U
193-39-5	Indeno(1,2,3-cd)pyrene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
191-24-2	Benzo(g,h,i)perylene	50	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-4 5-7
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1624.D
Sample wt/vol: 20.446 (g/ml) G
Date Sampled: 3/9/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 10.07
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	160	U
110-86-1	Pyridine	110	U
108-95-2	Phenol	94	J
62-53-3	Aniline	110	U
111-44-4	bis(2-Chloroethyl)ether	54	U
95-57-8	2-Chlorophenol	110	U
541-73-1	1,3-Dichlorobenzene	54	U
106-46-7	1,4-Dichlorobenzene	54	U
95-50-1	1,2-Dichlorobenzene	54	U
95-48-7	2-Methylphenol	54	U
108-60-1	bis(2-chloroisopropyl)ether	54	U
106-44-5	4-Methylphenol	54	U
621-64-7	n-Nitroso-di-n-propylamine	54	U
67-72-1	Hexachloroethane	54	U
98-95-3	Nitrobenzene	54	U
78-59-1	Isophorone	54	U
88-75-5	2-Nitrophenol	270	U
105-67-9	2,4-Dimethylphenol	540	U
65-85-0	Benzoic acid	820	U
111-91-1	bis(2-Chloroethoxy)methane	54	U
120-83-2	2,4-Dichlorophenol	110	U
120-82-1	1,2,4-Trichlorobenzene	54	U
91-20-3	Naphthalene	54	U
106-47-8	4-Chloroaniline	54	U
87-68-3	Hexachlorobutadiene	54	U
59-50-7	4-Chloro-3-methylphenol	270	U
91-57-6	2-Methylnaphthalene	54	U
77-47-4	Hexachlorocyclopentadiene	54	U
88-06-2	2,4,6-Trichlorophenol	110	U
95-95-4	2,4,5-Trichlorophenol	110	U
91-58-7	2-Chloronaphthalene	54	U
88-74-4	2-Nitroaniline	54	U
131-11-3	Dimethyl phthalate	54	U
208-96-8	Acenaphthylene	54	U
606-20-2	2,6-Dinitrotoluene	480	

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: MW-4 5-7
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1624.D
Sample wt/vol: 20.446 (g/ml) G
Date Sampled: 3/9/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 10.07
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	54	U
83-32-9	Acenaphthene	54	U
51-28-5	2,4-Dinitrophenol	270	U
100-02-7	4-Nitrophenol	270	U
132-64-9	Dibenzofuran	54	U
121-14-2	2,4-Dinitrotoluene	54	U
84-66-2	Diethyl phthalate	54	U
86-73-7	Fluorene	54	U
7005-72-3	4-Chlorophenyl phenyl ether	54	U
100-01-6	4-Nitroaniline	54	U
534-52-1	4,6-Dinitro-2-methylphenol	270	U
86-30-6	n-Nitrosodiphenylamine	54	U
101-55-3	4-Bromophenyl phenyl ether	54	U
118-74-1	Hexachlorobenzene	54	U
87-86-5	Pentachlorophenol	270	U
85-01-8	Phenanthrene	54	U
120-12-7	Anthracene	54	U
84-74-2	Di-n-butylphthalate	520	B
206-44-0	Fluoranthene	54	U
92-87-5	Benzidine	3300	U
129-00-0	Pyrene	54	U
85-68-7	Butyl benzyl phthalate	54	U
91-94-1	3,3'-Dichlorobenzidine	54	U
56-55-3	Benzo(a)anthracene	54	U
218-01-9	Chrysene	54	U
117-81-7	bis(2-Ethylhexyl)phthalate	290	B
117-84-0	Di-n-octyl phthalate	160	U
205-99-2	Benzo(b)fluoranthene	54	U
207-08-9	Benzo(k)fluoranthene	54	U
50-32-8	Benzo(a)pyrene	54	U
193-39-5	Indeno(1,2,3-cd)pyrene	54	U
53-70-3	Dibenz(a,h)anthracene	54	U
191-24-2	Benzo(g,h,i)perylene	54	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: SBLK060314
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1620.D
Sample wt/vol: 20 (g/ml) G
Date Sampled: 3/9/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 0
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	150	U
110-86-1	Pyridine	100	U
108-95-2	Phenol	100	U
62-53-3	Aniline	100	U
111-44-4	bis(2-Chloroethyl)ether	50	U
95-57-8	2-Chlorophenol	100	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
95-48-7	2-Methylphenol	50	U
108-60-1	bis(2-chloroisopropyl)ether	50	U
106-44-5	4-Methylphenol	50	U
621-64-7	n-Nitroso-di-n-propylamine	50	U
67-72-1	Hexachloroethane	50	U
98-95-3	Nitrobenzene	50	U
78-59-1	Isophorone	50	U
88-75-5	2-Nitrophenol	250	U
105-67-9	2,4-Dimethylphenol	500	U
65-85-0	Benzoic acid	750	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
120-83-2	2,4-Dichlorophenol	100	U
120-82-1	1,2,4-Trichlorobenzene	50	U
91-20-3	Naphthalene	50	U
106-47-8	4-Chloroaniline	50	U
87-68-3	Hexachlorobutadiene	50	U
59-50-7	4-Chloro-3-methylphenol	250	U
91-57-6	2-Methylnaphthalene	50	U
77-47-4	Hexachlorocyclopentadiene	50	U
88-06-2	2,4,6-Trichlorophenol	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	50	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl phthalate	50	U
208-96-8	Acenaphthylene	50	U
606-20-2	2,6-Dinitrotoluene	50	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0310-08
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: SBLK060314
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1620.D
Sample wt/vol: 20 (g/ml) G
Date Sampled: 3/9/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 0
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	50	U
51-28-5	2,4-Dinitrophenol	250	U
100-02-7	4-Nitrophenol	250	U
132-64-9	Dibenzofuran	50	U
121-14-2	2,4-Dinitrotoluene	50	U
84-66-2	Diethyl phthalate	50	U
86-73-7	Fluorene	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	250	U
86-30-6	n-Nitrosodiphenylamine	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
118-74-1	Hexachlorobenzene	50	U
87-86-5	Pentachlorophenol	250	U
85-01-8	Phenanthrene	50	U
120-12-7	Anthracene	50	U
84-74-2	Di-n-butylphthalate	370	
206-44-0	Fluoranthene	50	U
92-87-5	Benzidine	3000	U
129-00-0	Pyrene	50	U
85-68-7	Butyl benzyl phthalate	50	U
91-94-1	3,3'-Dichlorobenzidine	50	U
56-55-3	Benzo(a)anthracene	50	U
218-01-9	Chrysene	50	U
117-81-7	bis(2-Ethylhexyl)phthalate	210	
117-84-0	Di-n-octyl phthalate	150	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
50-32-8	Benzo(a)pyrene	50	U
193-39-5	Indeno(1,2,3-cd)pyrene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
191-24-2	Benzo(g,h,i)perylene	50	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

2D

SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: New England Testing Lab Case No.: R0310-08

Lab Code: RI010 Client Name: Woodard & Curran

Level: (low/med) LOW

	Sample ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
01	SBLK060314	78	78	75	81	134	94	0
02	SLCS060314	96	97	92	94	181 *	103	1
03	MW-1 0-7	92	90	86	90	180 *	109	1
04	MW-2 5-7	87	86	82	87	162 *	109	1
05	MW-4 5-7	85	83	83	86	164 *	107	1

QC LIMITS

S1	=	2-Fluorophenol	(16-133)
S2	=	Phenol-d6	(25-131)
S3	=	Nitrobenzene-d5	(30-128)
S4	=	2-Fluorobiphenyl	(21-139)
S5	=	2,4,6-Tribromophenol	(26-135)
S6	=	Terphenyl-d14	(29-187)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

Semivolatile Soil Laboratory Control Spike

Date Extracted: 03/14/06
Date Analyzed: 03/17/06

	Amount Spiked ug/Kg	Result, ug/Kg	Recovery %	Recovery Limits
n-Nitrosodimethylamine	2500	1971	79	40-140
Phenol	2500	2080	83	30-130
Aniline	2500	3788	152	40-140
bis(2-Chloroethyl)ether	2500	2063	83	40-140
2-Chlorophenol	2500	1989	80	30-130
1,3-Dichlorobenzene	2500	2020	81	40-140
1,4-Dichlorobenzene	2500	2065	83	40-140
1,2-Dichlorobenzene	2500	1996	80	40-140
2-Methylphenol	2500	1843	74	30-130
4-Methylphenol	2500	1410	56	30-130
n-Nitroso-di-n-propylamine	2500	2260	90	40-140
Hexachloroethane	2500	2281	91	40-140
Nitrobenzene	2500	2115	85	40-140
Isophorone	2500	2088	84	40-140
2-Nitrophenol	2500	2196	88	30-130
2,4-Dimethylphenol	2500	2079	83	30-130
bis(2-Chloroethoxy)methane	2500	2263	91	40-140
2,4-Dichlorophenol	2500	2070	83	40-160
1,2,4-Trichlorobenzene	2500	2225	89	40-140
Naphthalene	2500	2181	87	40-140
4-Chloroaniline	2500	29485	1179	40-140
Hexachlorobutadiene	2500	2182	87	40-140
4-Chloro-3-methylphenol	2500	2153	86	30-130
2-Methylnaphthalene	2500	2133	85	40-140
2,4,6-Trichlorophenol	2500	2147	86	30-130
2,4,5-Trichlorophenol	2500	2218	89	30-130
2-Chloronaphthalene	2500	2287	91	40-140
2-Nitroaniline	2500	6024	241	40-140
Dimethyl phthalate	2500	2342	94	40-140
Acenaphthylene	2500	2681	107	40-140
2,6-Dinitrotoluene	2500	2377	95	40-140
Acenaphthene	2500	2253	90	40-140
4-Nitrophenol	2500	2163	87	30-130
Dibenzofuran	2500	2390	96	40-140
2,4-Dinitrotoluene	2500	2439	98	40-140
Diethyl phthalate	2500	2374	95	40-140
Fluorene	2500	2425	97	40-140

Semivolatile Soil Laboratory Control Spike

Date Extracted: 03/14/06
Date Analyzed: 03/17/06

	Amount Spiked ug/Kg	Result, ug/Kg	Recovery %	Recovery Limits
4-Chlorophenyl phenyl ethe	2500	2409	96	40-140
n-Nitrosodiphenylamine	2500	30219	1209	40-140
Diphenylamine	2500	30219	1209	40-140
4-Bromophenyl phenyl ether	2500	2367	95	40-140
Hexachlorobenzene	2500	2342	94	40-140
Pentachlorophenol	2500	1893	76	30-130
Phenanthrene	2500	2374	95	40-140
Anthracene	2500	2389	96	40-140
Di-n-butylphthalate	2500	2521	101	40-140
Fluoranthene	2500	2354	94	40-140
Pyrene	2500	2383	95	40-140
Butyl benzyl phthalate	2500	2565	103	40-140
3,3'-Dichlorobenzidine	2500	6909	276	40-140
Benzo(a)anthracene	2500	2405	96	40-140
Chrysene	2500	2366	95	40-140
bis(2-Ethylhexyl)phthalate	2500	2617	105	40-140
Di-n-octyl phthalate	2500	2365	95	40-140
Benzo(b)fluoranthene	2500	2250	90	40-140
Benzo(k)fluoranthene	2500	2455	98	40-140
Benzo(a)pyrene	2500	2385	95	40-140
Indeno(1,2,3-cd)pyrene	2500	2023	81	40-140
Dibenz(a,h)anthracene	2500	2021	81	40-140
Benzo(g,h,i)perylene	2500	1971	79	40-140

RESULTS: VOLATILE PETROLEUM HYDROCARBONS

Results for VPH analysis are presented in the following section. Each page is electronically signed. In the hardcopy report, two signatures appear on the approval line – the electronic signature and the handwritten signature.

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	__ 1:1 +/- 25%
		X Samples received in air-tight container:	X Other: 1:2
Temperature	X Received on Ice X Received at 4° C __ Other:		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	MW-2 5-7
Method for Target Analytes:			Lab ID	R0310-08
VPH Surrogate Standards			Date Collected	3/9/06
PID: Fluorobenzene			Date Received	3/10/06
FID: Fluorobenzene			Date Analyzed	3/14/06
			Dilution Factor	1X
			% Moisture (soil)	3
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				94
FID Surrogate % Recovery				94
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/20/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	__ 1:1 +/- 25%
		X Samples received in air-tight container:	X Other: 1:2
Temperature	X Received on Ice X Received at 4° C __ Other:		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	MW-4 5-7
Method for Target Analytes:			Lab ID	R0310-08
VPH Surrogate Standards			Date Collected	3/9/06
PID: Fluorobenzene			Date Received	3/10/06
FID: Fluorobenzene			Date Analyzed	3/14/06
			Dilution Factor	1X
			% Moisture (soil)	10
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				93
FID Surrogate % Recovery				98
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/20/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	_Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	X N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		__ Samples rec'd in Methanol: _covering soil __ not covering soil	__ 1:1 +/- 25%
		__ Samples received in air-tight container:	__ Other:
Temperature	_ Received on Ice __ Received at 4° C __ Other:		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	Method Blank
Method for Target Analytes:			Lab ID	R0310-08
VPH Surrogate Standards			Date Collected	NA
PID: Fluorobenzene			Date Received	NA
FID: Fluorobenzene			Date Analyzed	3/13/06
			Dilution Factor	1X
			% Moisture (soil)	0
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				93
FID Surrogate % Recovery				95
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/20/2006

VPH LABORATORY CONTROL SPIKE

Date Analyzed: 3/14/06

Compound	Spike Added, mg/Kg	Spike Result, mg/Kg	Recovery, %	Recovery Limits, %
TBME	5.0	4.3	86	40-140
Benzene	5.0	5.6	112	40-140
Toluene	5.0	5.5	109	40-140
Ethylbenzene	5.0	5.3	106	40-140
m&p Xylene	10.0	9.4	94	40-140
o-Xylene	5.0	4.9	97	40-140
Naphthalene	5.0	4.6	91	NA
Pentane	5.0	4.2	83	40-140
2-Methyl pentane	5.0	4.4	87	40-140
2,2,4-trimethylpentan	5.0	4.5	90	40-140

RESULTS: EXTRACTABLE PETROLEUM HYDROCARBONS

Results for EPH analysis are presented in the following section. Each page is electronically signed. In the hardcopy report, two signatures appear on the approval line – the electronic signature and the handwritten signature.

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	MW-1 0-7
Method for Target Analytes:			Lab ID	R0310-08
EPH Surrogate Standards			Date Collected	3/9/06
Aliphatic: Chlorooctadecane			Date Received	3/10/06
Aromatic: o-Terphenyl			Date Extracted	3/14/06
EPH Fractionation Surrogates			Date Analyzed	3/15/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	17
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	20
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	24
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	19
Aliphatic Surrogate % Recovery				60
Aromatic Surrogate % Recovery				52
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				67
Fractionation Surrogate % Recovery				55
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/20/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	MW-2 5-7
Method for Target Analytes:			Lab ID	R0310-08
EPH Surrogate Standards			Date Collected	3/9/06
Aliphatic: Chlorooctadecane			Date Received	3/10/06
Aromatic: o-Terphenyl			Date Extracted	3/14/06
EPH Fractionation Surrogates			Date Analyzed	3/15/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	3
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	<10.0
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	<10.0
Aliphatic Surrogate % Recovery				50
Aromatic Surrogate % Recovery				49
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				62
Fractionation Surrogate % Recovery				51
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/20/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	MW-4 5-7
Method for Target Analytes:			Lab ID	R0310-08
EPH Surrogate Standards			Date Collected	3/9/06
Aliphatic: Chlorooctadecane			Date Received	3/10/06
Aromatic: o-Terphenyl			Date Extracted	3/14/06
EPH Fractionation Surrogates			Date Analyzed	3/15/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	10
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	<10.0
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	<10.0
Aliphatic Surrogate % Recovery				65
Aromatic Surrogate % Recovery				51
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				77
Fractionation Surrogate % Recovery				76
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/20/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	Received on Ice Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	Method Blank
Method for Target Analytes:			Lab ID	R0310-08
EPH Surrogate Standards			Date Collected	NA
Aliphatic: Chlorooctadecane			Date Received	NA
Aromatic: o-Terphenyl			Date Extracted	3/14/06
EPH Fractionation Surrogates			Date Analyzed	3/15/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	0
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	<10.0
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	<10.0
Aliphatic Surrogate % Recovery				54
Aromatic Surrogate % Recovery				58
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				70
Fractionation Surrogate % Recovery				58
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/20/2006

LABORATORY CONTROL SPIKE

Extractable Petroleum Hydrocarbons
Matrix: Soil
Date extracted: 3/14/2006
Date analyzed: 3/15/2006

Analyte	TRUE Value	Result, mg/kg	Recovery, %	QC Limits
Aliphatics C_9 to C_{18}	12	6	49	40-160
Aliphatics C_{19} to C_{36}	16	8	48	40-160
Aromatics C_{11} to C_{22}	34	17	50	40-160
Naphthalene	2	1.2	58	40-160
2-Methylnaphthalene	2	1.1	54	40-160
Acenaphthylene	2	1.0	49	40-160
Acenaphthene	2	1.2	59	40-160
Fluorene	2	1.0	51	40-160
Phenanthrene	2	0.9	46	40-160
Anthracene	2	1.0	50	40-160
Fluoranthene	2	0.9	44	40-160
Pyrene	2	0.9	44	40-160
Benzo(a)anthracene	2	0.8	42	40-160
Chrysene	2	0.9	44	40-160
Benzo(b) fluoranthene	2	1.0	52	40-160
Benzo(k)fluoranthene	2	1.0	48	40-160
Benzo(a)pyrene	2	0.9	47	40-160
Indeno-(1,2,3-cd) pyrene	2	1.1	53	40-160
Dibenzo(a,h)anthracene	2	1.1	54	40-160
Benzo(g,h,i)perylene	2	1.1	57	40-160

Custody Records

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue
North Providence, RI 02904

CHAIN OF CUSTODY RECORD

PROJ. NO: 218390
PROJECT NAME: HOLBROOK chemical
CLIENT: Woodard & Curran

R0310.08

SAMPLE I.D.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	TESTS: EPH	VPH	RCRA 8 metals	SVOCs	PEST-cides	VOCs	REMARKS
MW-10-7	3/9	1100		X		3	X		X	X	X	X	
MW-25-7		915		X		4	X	X	X	X	X	X	
MW-45-7		1245		X		3	X	X	X	X		X	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	3/10/06 9:30				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time	Remarks	
		A Sweeney	3/10/06 1245	soil Temp 4° 1803, 2 vials	

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number R0309-05A

Prepared for:

Attn: Craig Blake
Woodard & Curran
980 Washington St. 325N
Dedham, MA 02026

Report Date: April 26, 2006

Lab # RI010

Electronic Copy

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

STATEMENTS/CERTIFICATIONS REQUIRED BY THE NATIONAL ENVIRONMENTAL LABORATORY APPROVAL CONFERENCE (NELAC)

New England Testing Laboratory is certified under the National Environmental Laboratory Approval Program (NELAP). This certification requires the following statements and certifications be included in our report.

This report shall not be reproduced, except in full, without written approval of the laboratory.

New England Testing certifies that the test results contained within this report meet all NELAC requirements except as detailed in the Case Narrative section of this report.

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on March 9, 2006. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. The case number for this sample submission is R0309-05A.

Custody records are included in this report.

Site: Holbrook Chemical

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
S-7 0-4	3/8/06	Soil	Table II

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
Dioxin	NA	8280

This method is documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

Sample Results

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

TABLE 1. 2,3,7,8-TCDD Equivalency Factors (TEFs) for the Polychlorinated Dibenzo-p-dioxins and Dibenzofurans

Number	Compound(s)	TEF
1	2,3,7,8-TCDD	1.00
2	1,2,3,7,8-PeCDD	0.50
3	1,2,3,6,7,8-HxCDD	0.1
4	1,2,3,7,8,9-HxCDD	0.1
5	1,2,3,4,7,8-HxCDD	0.1
6	1,2,3,4,6,7,8-HpCDD	0.01
7	OCDD	0.001
8	* Total - TCDD	0.0
9	* Total - PeCDD	0.0
10	* Total - HxCDD	0.0
11	* Total - HpCDD	0.0
12	2,3,7,8-TCDF	0.10
13	1,2,3,7,8-PeCDF	0.05
14	2,3,4,7,8-PeCDF	0.5
15	1,2,3,6,7,8-HxCDF	0.1
16	1,2,3,7,8,9-HxCDF	0.1
17	1,2,3,4,7,8-HxCDF	0.1
18	2,3,4,6,7,8-HxCDF	0.1
19	1,2,3,4,6,7,8-HpCDF	0.01
20	1,2,3,4,7,8,9-HpCDF	0.01
21	OCDF	0.001
22	* Total - TCDF	0.0
23	* Total - PeCDF	0.0
24	* Total - HxCDF	0.0
25	* Total - HpCDF	0.0

*Excluding the 2,3,7,8-substituted congeners.

Reference: 1989 ITEFs

REPORT OF LABORATORY ANALYSIS

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Pace Analytical™

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 8280 Blank Analysis Results

Client - New England Testing Laboratory

Lab Sample ID	METHOD BLANK 032706	Matrix	Solid
Filename	T1742_4-09605	Dilution	NA
Total Amount Extracted	10.0 g	Extracted	03/27/2006
ICAL Date	04/05/2006	Analyzed	04/06/2006 15:11
CCal Filename(s)	T1740_4-09602 & T1743_4-09610	Injected By	ACH

Native Isomers	Conc ug/Kg	EMPC ug/Kg	PRL ug/Kg	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	-----	1.0	2,3,7,8-TCDF-13C	50.00	81
Total TCDF	ND	-----	1.0	2,3,7,8-TCDD-13C	50.00	77
				1,2,3,6,7,8-HxCDD-13C	50.00	85
2,3,7,8-TCDD	ND	-----	1.0	1,2,3,4,6,7,8-HpCDF-13C	100.00	84
Total TCDD	ND	-----	1.0	OCDD-13C	100.00	82
1,2,3,7,8-PeCDF	ND	-----	2.5	1,2,3,4-TCDD-13C	50.00	NA
2,3,4,7,8-PeCDF	ND	-----	2.5	1,2,3,7,8,9-HxCDD-13C	50.00	NA
Total PeCDF	ND	-----	2.5			
				2,3,7,8-TCDD-37Cl4	25.00	56
1,2,3,7,8-PeCDD	ND	-----	2.5			
Total PeCDD	ND	-----	2.5			
1,2,3,4,7,8-HxCDF	ND	-----	2.5			
1,2,3,6,7,8-HxCDF	ND	-----	2.5			
2,3,4,6,7,8-HxCDF	ND	-----	2.5			
1,2,3,7,8,9-HxCDF	ND	-----	2.5			
Total HxCDF	ND	-----	2.5			
1,2,3,4,7,8-HxCDD	ND	-----	2.5			
1,2,3,6,7,8-HxCDD	ND	-----	2.5			
1,2,3,7,8,9-HxCDD	ND	-----	2.5			
Total HxCDD	ND	-----	2.5			
1,2,3,4,6,7,8-HpCDF	ND	-----	2.5	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	-----	2.5	Equivalence: 0.00 ug/Kg		
Total HpCDF	ND	-----	2.5	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	ND	-----	2.5			
Total HpCDD	ND	-----	2.5			
OCDF	ND	-----	5.0			
OCDD	ND	-----	5.0			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
PRL = Pace Reporting Limit
LOD = Limit of Detection
P = Recovery outside of target range

E = PCDE Interference
I = Interference
ND = Not Detected
NA = Not Applicable
NC = Not Calculated

Report No.....1029226

REPORT OF LABORATORY ANALYSIS

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Pace Analytical™

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 8280 Analysis Results

Client - New England Testing Laboratory

Client's Sample ID	S-7 0-4		
Lab Sample ID	1029226001		
Filename	T1743_4-09609		
Injected By	ACH	Matrix	SOLID
Total Amount Extracted	10.0 g	Dilution	NA
% Moisture	NA	Collected	03/08/2006
ICAL Date	04/05/2006	Received	03/16/2006
CCal Filename(s)	T1740_4-09602 & T1743_4-09610	Extracted	03/27/2006
Method Blank ID	METHOD BLANK 032706	Analyzed	04/06/2006 18:03

Native Isomers	Conc ug/Kg	EMPC ug/Kg	PRL ug/Kg	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	-----	1.0	2,3,7,8-TCDF-13C	50.00	86
Total TCDF	ND	-----	1.0	2,3,7,8-TCDD-13C	50.00	84
				1,2,3,6,7,8-HxCDD-13C	50.00	88
2,3,7,8-TCDD	ND	-----	1.0	1,2,3,4,6,7,8-HpCDF-13C	100.00	76
Total TCDD	ND	-----	1.0	OCDD-13C	100.00	76
1,2,3,7,8-PeCDF	ND	-----	2.5	1,2,3,4-TCDD-13C	50.00	NA
2,3,4,7,8-PeCDF	ND	-----	2.5	1,2,3,7,8,9-HxCDD-13C	50.00	NA
Total PeCDF	ND	-----	2.5			
				2,3,7,8-TCDD-37Cl4	25.00	91
1,2,3,7,8-PeCDD	ND	-----	2.5			
Total PeCDD	ND	-----	2.5			
1,2,3,4,7,8-HxCDF	ND	-----	2.5			
1,2,3,6,7,8-HxCDF	ND	-----	2.5			
2,3,4,6,7,8-HxCDF	ND	-----	2.5			
1,2,3,7,8,9-HxCDF	ND	-----	2.5			
Total HxCDF	ND	-----	2.5			
1,2,3,4,7,8-HxCDD	ND	-----	2.5			
1,2,3,6,7,8-HxCDD	ND	-----	2.5			
1,2,3,7,8,9-HxCDD	ND	-----	2.5			
Total HxCDD	ND	-----	2.5			
1,2,3,4,6,7,8-HpCDF	ND	-----	2.5	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	-----	2.5	Equivalence: 0.00 ug/Kg		
Total HpCDF	ND	-----	2.5	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	ND	-----	2.5			
Total HpCDD	ND	-----	2.5			
OCDF	ND	-----	5.0			
OCDD	ND	-----	5.0			

Results reported on a total weight basis

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
B = Less than 10 times higher than method blank level
P = Recovery outside of target range
Nn = Value obtained from additional analysis
A =PRL based on signal to noise
J = Concentration detected is below the calibration range
* = See discussion

PRL = Pace Reporting Limit
LOD = Limit of Detection
I = Interference
E = PCDE Interference
S = Saturated signal
ND = Not Detected
NA = Not Applicable
NC = Not Calculated

Report No.....1029226

REPORT OF LABORATORY ANALYSIS

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Pace Analytical™
Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
Tel: 612-607-1700
Fax: 612- 607-6444

Method 8280 Laboratory Control Spike Results

Client - New England Testing Laboratory

Lab Sample ID	LCS 032706		
Filename	T1743_4-09607	Matrix	SOLID
Total Amount Extracted	10.0 g	Dilution	NA
ICAL Date	04/05/2006	Extracted	03/27/2006
CCal Filename(s)	T1740_4-09602 & T1743_4-09610	Analyzed	04/06/2006 16:42
Method Blank ID	METHOD BLANK 032706	Injected By	ACH

Native Isomers	Qs (ng)	Qm (ng)	% Rec.	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	25.00	20.62	82	2,3,7,8-TCDF-13C	50.00	88
Total TCDF				2,3,7,8-TCDD-13C	50.00	87
				1,2,3,6,7,8-HxCDD-13C	50.00	90
2,3,7,8-TCDD	25.00	21.12	84	1,2,3,4,6,7,8-HpCDF-13C	100.00	86
Total TCDD				OCDD-13C	100.00	85
1,2,3,7,8-PeCDF	62.50	52.12	83	1,2,3,4-TCDD-13C	50.00	NA
2,3,4,7,8-PeCDF				1,2,3,7,8,9-HxCDD-13C	50.00	NA
Total PeCDF						
				2,3,7,8-TCDD-37Cl4	25.00	93
1,2,3,7,8-PeCDD	62.50	56.74	91			
Total PeCDD						
1,2,3,4,7,8-HxCDF						
1,2,3,6,7,8-HxCDF	62.50	52.49	84			
2,3,4,6,7,8-HxCDF						
1,2,3,7,8,9-HxCDF						
Total HxCDF						
1,2,3,4,7,8-HxCDD						
1,2,3,6,7,8-HxCDD	62.50	55.36	89			
1,2,3,7,8,9-HxCDD						
Total HxCDD						
1,2,3,4,6,7,8-HpCDF	62.50	62.20	100			
1,2,3,4,7,8,9-HpCDF						
Total HpCDF						
1,2,3,4,6,7,8-HpCDD	62.50	54.29	87			
Total HpCDD						
OCDF	125.00	86.57	69			
OCDD	125.00	110.49	88			

Qs = Quantity Spiked
Qm = Quantity Measured
Rec. = Recovery (Expressed as Percent)
P = Outside the target recovery range of the method
X = Background subtracted value
NA = Not Applicable
NC = Not Calculated
I = Interference

Report No.....1029226

REPORT OF LABORATORY ANALYSIS

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Custody Records

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue
North Providence, RI 02904

CHAIN OF CUSTODY RECORD

R0309.05

PROJ. NO: 218390 | PROJECT NAME: Holbrook Chemical
CLIENT: Woodard & Curran

SAMPLE I.D.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	EPH	VPH	RCRA 8 metals	SVOCs	Pest. Cides	PCBs	VOCs	DIOXIN	REMARKS
S-1 0-4	3/8	1300		X		4	X	X	X	X	X	X	X		
S-5 0-4		930		X		3	X		X	X		X	X		add to c.o.c. as per
S-7 0-4		1610		X		2	X		X	X	X	X		X	J. Edmands:
S-8 0-4		1000		X		4	X	X	X	X	X	X	X		S-14 0-4
S-8 4-8		1000		X		4	X	X	X	X	X	X	X		EPH, VPH, RCRA 8 met,
S-9 0-4		1015		X		4	X	X	X	X	X	X	X		SVOCs, Pest, PCB, VOC
S-9 4-8		1015		X		4	X	X	X	X	X	X	X		
S-10 0-4		1030		X		4	X	X	X	X	X	X	X		
S-11 0-4		900		X		4	X	X	X	X	X	X	X		
S-11 4-8		900		X		4	X	X	X	X	X	X	X		
S-12 0-4		1100		X		4	X	X	X	X	X	X	X		
S-12 4-7		1100		X		4	X	X	X	X	X	X	X		
S-13 0-4		1330		X		4	X	X	X	X	X	X	X		
S-15 0-1		1145		X		4	X	X	X	X	X	X	X		
S-17 0-4		1215		X		2	X	X	X						

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	3/9/06 800				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time	Remarks	
			3/9/06 1247	Temp 4°	

REPORT OF ANALYTICAL RESULTS

NETLAB Case Number R0309-05

Prepared for:

Attn: Craig Blake
Woodard & Curran
980 Washington St. 325N
Dedham, MA 02026

Report Date: March 23, 2006

Lab # RI010

Electronic Copy

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, RI 02904
(401) 353-3420

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc. Project #: 218390

Project Location: Holbrook Chemical RTN[1]:

This form provides certifications for the following data set: R0309-05

Sample Matrices: Groundwater ( ) Soil/Sediment (X) Drinking Water ( ) Other:

SW-846 Methods Used					
	8260B (X)	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )
	8270C (X)	8081A (X)	VPH (X)	6020 ( )	9014M[2] ( )
	8082 (X)	8021B ( )	EPH (X)	7000 S[3] ( )	Other: (X)

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, and C is required for "Presumptive Certainty" status

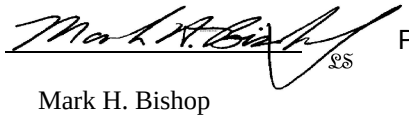
A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of Custody documentation for the data set?	Yes (X) No[1] ( )
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	Yes (X) 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] (X)
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) 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: Mark H. Bishop Date: 3/23/2006

ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: New England Testing Laboratory, Inc. Project #:

Project Location: Syed/Lowell RTN[1]:

This form provides certifications for the following data set: R0309-05

Sample Matrices: Groundwater ( ) Soil/Sediment (X) Drinking Water ( ) Other:

SW-846 Methods Used					
	8260B ( )	8151A ( )	8330 ( )	6010B (X)	7470A/1A (X)
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
	8082 ( )	8021B ( )	EPH ( )	7000 S[3] ( )	Other: ( )

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, and C 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 (X) 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 (X) No[1] ( )
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (X) No[1] ( ) Not Applicable ( )
D	***VPH and EPH Methods only***: Was the VPH and EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	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 (X) No[1] ( )
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (X) 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: Jodi Lyons Position: Director, Inorganics

Printed Name: Jodi Lyons Date: 03/21/2006

STATEMENTS/CERTIFICATIONS REQUIRED BY THE NATIONAL ENVIRONMENTAL LABORATORY APPROVAL CONFERENCE (NELAC)

New England Testing Laboratory is certified under the National Environmental Laboratory Approval Program (NELAP). This certification requires the following statements and certifications be included in our report.

This report shall not be reproduced, except in full, without written approval of the laboratory.

New England Testing certifies that the test results contained within this report meet all NELAC requirements except as detailed in the Case Narrative section of this report.

SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on March 9, 2006. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. The case number for this sample submission is R0309-05.

Custody records are included in this report.

Site: Holbrook Chemical

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
S-1 0-4	3/8/06	Soil	Table II, III, IV, V, VI
S-5 0-4	3/8/06	Soil	Table II, IV, VI
S-7 0-4	3/8/06	Soil	Table II, IV, V
S-8 0-4	3/8/06	Soil	Table II, III, IV, V, VI
S-8 4-8	3/8/06	Soil	Table II, III, IV, V, VI
S-9 0-4	3/8/06	Soil	Table II, III, IV, V, VI
S-9 4-8	3/8/06	Soil	Table II, III, IV, V, VI
S-10 0-4	3/8/06	Soil	Table II, III, IV, V, VI
S-11 0-4	3/8/06	Soil	Table II, III, IV, V, VI
S-11 4-8	3/8/06	Soil	Table II, III, IV, V, VI
S-12 0-4	3/8/06	Soil	Table II, III, IV, V, VI
S-12 4-7	3/8/06	Soil	Table II, III, IV, V, VI
S-13 0-4	3/8/06	Soil	Table II, III, IV, V, VI
S-15 0-1	3/8/06	Soil	Table II, III, IV, V, VI
S-17 0-4	3/8/06	Soil	Table II, III
S-14 0-4	3/8/06	Soil	Table II, III, IV, V, VI

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
EPH	NA	*
Total Metals		
Arsenic	3050B	6010B
Barium	3050B	6010B
Cadmium	3050B	6010B
Chromium	3050B	6010B
Lead	3050B	6010B
Mercury	NA	7471A
Selenium	3050B	6010B
Silver	3050B	6010B

TABLE III, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
VPH	NA	**

TABLE IV, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
Semivolatile Organic Compounds	3541	8270C
PCB	3541	8082

TABLE V, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
Pesticides	3541	8081A

TABLE VI, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
Volatile Organics Compounds	5035	8260B

These methods are documented in:

*Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MADEP.

**Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MADEP.

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.

CASE NARRATIVE:

Sample Receipt:

No sample for ms/msd/duplicate analysis was supplied. No trip blank or field blank was supplied. (This does not qualify the analytical results but does prevent conducting these SW-846 {Chapter 1, Section 3.4} QA Audits.)

The samples were all appropriately cooled and preserved upon receipt.

The samples were received in the appropriate containers.

The chain of custody was adequately completed and corresponded to the samples submitted.

Metals:

All analyses were performed according to NETLAB's documented Standard Operating Procedures, within all required holding times, and with appropriate quality control measures. All QC was within laboratory established acceptance criteria. The samples were received, processed, and reported with no anomalies.

Volatile Organics:

All samples were analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria except where stated below.

The VLCS060321, which corresponds to sample "S-13 0-4," had recoveries marginally higher than QC limits for the compounds Tetrachloroethene and Styrene.

Semivolatile Organics:

All samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria, with the following exceptions:

- Recovery of the acid surrogate compound 2,4,6-Tribromophenol exceeded the upper QC limit in the LCS samples and the field samples. This does not adversely affect sample results, as the only acid compound detected in the field samples was Phenol. The surrogate Phenol-d6 was within QC limits for all samples.
- The compounds di-n-Butylphthalate and bis(2-Ethylhexyl)phthalate were detected in the method blank at comcentrations marginally exceeded the reporting limit. bis(2-Ethylhexyl)phthalate was also detected in each of the field samples; these results have been annotated with a "B" qualifier for this reason.
- The following compounds exhibited high recovery in the LCS sample: Aniline, 4-Chloroaniline, 2-Nitroaniline, Diphenylamine, 3,3'-Dichlorobenzidine. This does not adversely affect sample results, as these compounds were not detected in any of the field samples or in the method blank.

Pesticides:

All samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

PCBs:

All samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

VPH:

All samples were analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

EPH:

All samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

Sample Results

METALS RESULTS

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Metals Analysis Department certifies that the results included in this section have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

New England Testing Laboratory, Inc.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-1 0-4
Date collected: 3/8/06
Matrix SOIL
Solids, % 95.89
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	ND	0.69	0.69	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	16	0.34	0.34	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	0.41	0.34	0.34	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	6.93	0.34	0.34	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	5.21	0.34	0.34	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.061	0.061	mg/kg	3/15/06	3/15/06
Selenium	7782-49-2	3050B	6010B	ND	0.69	0.69	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.34	0.34	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-5 0-4
Date collected: 3/8/06
Matrix SOIL
Solids, % 97.02
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	0.79	0.66	0.66	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	21	0.33	0.33	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	0.33	0.33	0.33	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	4.69	0.33	0.33	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	4.49	0.33	0.33	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.064	0.064	mg/kg	3/15/06	3/15/06
Selenium	7782-49-2	3050B	6010B	ND	0.66	0.66	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.33	0.33	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-7 0-4
Date collected: 3/8/06
Matrix SOIL
Solids, % 90.37
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	24	0.71	0.71	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	32	0.36	0.36	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	0.36	0.36	0.36	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	11	0.36	0.36	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	20	0.36	0.36	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.071	0.071	mg/kg	3/15/06	3/15/06
Selenium	7782-49-2	3050B	6010B	ND	0.71	0.71	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.36	0.36	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-8 0-4
Date collected: 3/8/06
Matrix SOIL
Solids, % 90.8
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	4.89	0.73	0.73	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	36	0.36	0.36	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	0.51	0.36	0.36	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	12	0.36	0.36	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	6.93	0.36	0.36	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.066	0.066	mg/kg	3/15/06	3/15/06
Selenium	7782-49-2	3050B	6010B	ND	0.73	0.73	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.36	0.36	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-8 4-8
Date collected: 3/8/06
Matrix SOIL
Solids, % 94
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	ND	0.71	0.71	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	20	0.35	0.35	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	0.43	0.35	0.35	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	5.04	0.35	0.35	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	4.75	0.35	0.35	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.068	0.068	mg/kg	3/15/06	3/15/06
Selenium	7782-49-2	3050B	6010B	ND	0.71	0.71	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.35	0.35	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-9 0-4
Date collected: 3/8/06
Matrix SOIL
Solids, % 94.73
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	ND	0.67	0.67	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	23	0.34	0.34	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	0.34	0.34	0.34	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	7.26	0.34	0.34	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	5.45	0.34	0.34	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.069	0.069	mg/kg	3/15/06	3/15/06
Selenium	7782-49-2	3050B	6010B	ND	0.67	0.67	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.34	0.34	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-9 4-8
Date collected: 3/8/06
Matrix SOIL
Solids, % 93.12
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	ND	0.66	0.66	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	27	0.33	0.33	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	0.46	0.33	0.33	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	11	0.33	0.33	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	4.28	0.33	0.33	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.069	0.069	mg/kg	3/15/06	3/15/06
Selenium	7782-49-2	3050B	6010B	ND	0.66	0.66	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.33	0.33	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-10 0-4
Date collected: 3/8/06
Matrix SOIL
Solids, % 87.13
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	1.30	0.68	0.68	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	20	0.34	0.34	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	0.34	0.34	0.34	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	7.51	0.34	0.34	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	5.88	0.34	0.34	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.076	0.076	mg/kg	3/20/06	3/20/06
Selenium	7782-49-2	3050B	6010B	ND	0.68	0.68	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.34	0.34	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-11 0-4
Date collected: 3/8/06
Matrix SOIL
Solids, % 95.9
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	52	0.69	0.69	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	19	0.34	0.34	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	ND	0.34	0.34	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	6.59	0.34	0.34	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	58	0.34	0.34	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.059	0.059	mg/kg	3/20/06	3/20/06
Selenium	7782-49-2	3050B	6010B	ND	0.69	0.69	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.34	0.34	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-11 4-8
Date collected: 3/8/06
Matrix SOIL
Solids, % 85.31
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	4.11	0.78	0.78	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	57	0.39	0.39	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	0.62	0.39	0.39	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	5.82	0.39	0.39	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	9.16	0.39	0.39	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.075	0.075	mg/kg	3/20/06	3/20/06
Selenium	7782-49-2	3050B	6010B	ND	0.78	0.78	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.39	0.39	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-12 0-4
Date collected: 3/8/06
Matrix SOIL
Solids, % 90.6
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	0.67	0.67	0.67	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	32	0.33	0.33	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	0.33	0.33	0.33	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	12	0.33	0.33	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	5.15	0.33	0.33	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.066	0.066	mg/kg	3/20/06	3/20/06
Selenium	7782-49-2	3050B	6010B	ND	0.67	0.67	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.33	0.33	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-12 4-7
Date collected: 3/8/06
Matrix SOIL
Solids, % 88.38
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	ND	0.69	0.69	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	24	0.35	0.35	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	0.35	0.35	0.35	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	8.05	0.35	0.35	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	5.41	0.35	0.35	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.060	0.060	mg/kg	3/20/06	3/20/06
Selenium	7782-49-2	3050B	6010B	ND	0.69	0.69	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.35	0.35	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-13 0-4
Date collected: 3/8/06
Matrix SOIL
Solids, % 93.17
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	2.52	0.59	0.59	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	25	0.29	0.29	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	0.88	0.29	0.29	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	3.93	0.29	0.29	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	11	0.29	0.29	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.065	0.065	mg/kg	3/20/06	3/20/06
Selenium	7782-49-2	3050B	6010B	ND	0.59	0.59	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.29	0.29	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-14 0-4
Date collected: 3/8/06
Matrix SOIL
Solids, % 94.53
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	ND	0.69	0.69	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	35	0.35	0.35	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	0.62	0.35	0.35	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	12	0.35	0.35	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	5.60	0.35	0.35	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.068	0.068	mg/kg	3/20/06	3/20/06
Selenium	7782-49-2	3050B	6010B	ND	0.69	0.69	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.35	0.35	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-15 0-1
Date collected: 3/8/06
Matrix SOIL
Solids, % 82.41
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	14	0.77	0.77	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	35	0.38	0.38	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	0.85	0.38	0.38	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	16	0.38	0.38	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	16	0.38	0.38	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.081	0.081	mg/kg	3/20/06	3/20/06
Selenium	7782-49-2	3050B	6010B	ND	0.77	0.77	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.38	0.38	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Case Number: R0309-05
Sample ID: S-17 0-4
Date collected: 3/8/06
Matrix SOIL
Solids, % 93.75
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	3.49	0.70	0.70	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	61	0.35	0.35	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	0.84	0.35	0.35	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	13	0.35	0.35	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	9.55	0.35	0.35	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.061	0.061	mg/kg	3/20/06	3/20/06
Selenium	7782-49-2	3050B	6010B	ND	0.70	0.70	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.35	0.35	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

METALS RESULTS

Sample ID: Preparation Blank
Matrix SOIL
Solids, % 100
Sample Type: Total

Analyst AR/JL/ADS

Parameter	CAS Number	Preparative Method	Analytical Method	Result	Reporting Limit	Detection Limit	Units	Date of Preparation	Date Analyzed
Arsenic	7440-38-2	3050B	6010B	ND	0.67	0.67	mg/kg	3/16/06	3/17/06
Barium	7440-39-3	3050B	6010B	ND	0.33	0.33	mg/kg	3/16/06	3/17/06
Cadmium	7440-43-9	3050B	6010B	ND	0.33	0.33	mg/kg	3/16/06	3/17/06
Chromium	7440-47-3	3050B	6010B	ND	0.33	0.33	mg/kg	3/16/06	3/17/06
Lead	7439-92-1	3050B	6010B	ND	0.33	0.33	mg/kg	3/16/06	3/17/06
Mercury	7439-97-6	NA	7471A	ND	0.067	0.067	mg/kg	3/15/06	3/15/06
Mercury	7439-97-6	NA	7471A	ND	0.067	0.067	mg/kg	3/20/06	3/20/06
Selenium	7782-49-2	3050B	6010B	ND	0.67	0.67	mg/kg	3/16/06	3/17/06
Silver	7440-22-4	3050B	6010B	ND	0.33	0.33	mg/kg	3/16/06	3/17/06

ND indicates not Detected

All results are reported on a dry weight basis.

LABORATORY CONTROL SAMPLE RECOVERY

Parameter	True Value	Result	Units	Recovery, %	Internal LCL, %	Internal UCL, %	Date Analyzed
Arsenic	66.7	74	mg/kg	111	88	117	3/17/06
Barium	66.7	69.3	mg/kg	104	90	108	3/17/06
Cadmium	66.7	66.7	mg/kg	100	92	107	3/17/06
Chromium	66.7	66.4	mg/kg	99.6	90	110	3/17/06
Lead	66.7	65.7	mg/kg	98.6	88	111	3/17/06
Mercury	0.133	0.133	mg/kg	100	88	113	3/15/06
Mercury	0.133	0.139	mg/kg	104	88	113	3/20/06
Selenium	66.7	65.7	mg/kg	98.6	84	105	3/17/06
Silver	66.7	64.8	mg/kg	97.2	84	109	3/17/06

RESULTS: PESTICIDES

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: S-1 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	90	19-139
DCBP	83	29-155

*Dry Weight Basis

Sample: S-7 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	47	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	55	19-139
DCBP	54	29-155

*Dry Weight Basis

Sample: S-8 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	96	19-139
DCBP	92	29-155

*Dry Weight Basis

Sample: S-8 4-8		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	98	19-139
DCBP	100	29-155

*Dry Weight Basis

Sample: S-9 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	57	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	98	19-139
DCBP	105	29-155

*Dry Weight Basis

Sample: S-9 4-8		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	74	19-139
DCBP	69	29-155

*Dry Weight Basis

Sample: S-10 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	90	19-139
DCBP	85	29-155

*Dry Weight Basis

Sample: S-11 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	96	19-139
DCBP	82	29-155

*Dry Weight Basis

Sample: S-11 4-8		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	70	19-139
DCBP	75	29-155

*Dry Weight Basis

Sample: S-12 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	80	19-139
DCBP	42	29-155

*Dry Weight Basis

Sample: S-12 4-7		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	73	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	84	19-139
DCBP	38	29-155

*Dry Weight Basis

Sample: S-13 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	100	19-139
DCBP	91	29-155

*Dry Weight Basis

Sample: S-15 0-1		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	72	19-139
DCBP	53	29-155

*Dry Weight Basis

Sample: S-14 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	91	19-139
DCBP	98	29-155

*Dry Weight Basis

Sample: Method Blank		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: NA		
Sample Matrix: Soil		
Subject: Pesticides	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/16/06
Analytical Method: EPA		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aldrin	N.D.	5
alpha-BHC	N.D.	5
beta-BHC	N.D.	5
delta-BHC	N.D.	5
gamma-BHC	N.D.	5
alpha-Chlordane	N.D.	5
gamma-Chlordane	N.D.	5
Chlordane	N.D.	100
4,4'-DDD	N.D.	10
4,4'-DDE	N.D.	10
4,4'-DDT	N.D.	10
Dieldrin	N.D.	10
Endosulfan I	N.D.	5
Endosulfan II	N.D.	10
Endosulfan sulfate	N.D.	10
Endrin	N.D.	10
Endrin aldehyde	N.D.	10
Endrin Ketone	N.D.	10
Heptachlor	N.D.	5
Heptachlor epoxide	N.D.	5
Methoxychlor	N.D.	50
Toxaphene	N.D.	5000
Surrogates:		
Compound	% Recovery	Limits
TCMX	73	19-139
DCBP	98	29-155

Pesticide Laboratory Control Spike

Date Collected: NA			Analyst's Initials	DC
Sample Matrix: Soil				
Subject: Pesticides	Date Extracted			Date Analyzed
Prep Method: EPA 3541	3/15/06			3/17/06
Analytical Method: EPA				
Compound	Amount Spiked ng/ml (ppb)	Result ng/ml (ppb)	Recovery %	Recovery Limits
alpha-BHC	40	24	59	40-140
gamma-BHC	40	27	68	40-140
beta-BHC	40	24	61	40-140
delta-BHC	40	27	67	40-140
Heptachlor	40	22	56	40-140
Aldrin	40	23	56	40-140
Heptachlor epoxide	40	25	62	40-140
gamma-Chlordane	40	23	56	40-140
alpha-Chlordane	40	22	56	40-140
4,4'-DDE	40	25	62	40-140
Endosulfan I	40	24	60	40-140
Dieldrin	40	22	54	40-140
Endrin	40	24	59	40-140
4,4'-DDD	40	23	57	40-140
Endosulfan II	40	23	58	40-140
4,4'-DDT	40	23	56	40-140
Endrin aldehyde	40	29	74	40-140
Methoxychlor	40	23	57	40-140
Endosulfan sulfate	40	20	50	40-140
Endrin Ketone	40	22	54	40-140
Surrogates:				
Compound	% Recovery	Limits		
TCMX	71	19-139		
DCBP	72	29-155		

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: S-1 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	98	19-139
DCBP	78	29-155

*Dry Weight Basis

Sample: S-5 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	93	19-139
DCBP	70	29-155

*Dry Weight Basis

Sample: S-7 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	110	19-139
DCBP	90	29-155

*Dry Weight Basis

Sample: S-8 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	105	19-139
DCBP	93	29-155

*Dry Weight Basis

Sample: S-8 4-8		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	115	19-139
DCBP	98	29-155

*Dry Weight Basis

Sample: S-9 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	100	19-139
DCBP	100	29-155

*Dry Weight Basis

Sample: S-9 4-8		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	95	19-139
DCBP	60	29-155

*Dry Weight Basis

Sample: S-10 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	88	19-139
DCBP	68	29-155

*Dry Weight Basis

Sample: S-11 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	110	19-139
DCBP	108	29-155

*Dry Weight Basis

Sample: S-11 4-8		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	65	19-139
DCBP	70	29-155

*Dry Weight Basis

Sample: S-12 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	93	19-139
DCBP	108	29-155

*Dry Weight Basis

Sample: S-12 4-7		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	78	19-139
DCBP	125	29-155

*Dry Weight Basis

Sample: S-13 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	100	19-139
DCBP	88	29-155

*Dry Weight Basis

Sample: S-15 0-1		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	85	19-139
DCBP	65	29-155

*Dry Weight Basis

Sample: S-14 0-4		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: 3/8/06		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/18/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg* (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	78	19-139
DCBP	63	29-155

*Dry Weight Basis

Sample: Method Blank		Analyst's Initials: DC
Case No.: R0309-05		
Date Collected: NA		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3541	3/15/06	3/16/06
Analytical Method: EPA 8082		
Compound	Concentration ug/kg (ppb)	Reporting Limit
Aroclor-1221	N.D.	200
Aroclor-1232	N.D.	100
Aroclor-1016/1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	73	19-139
DCBP	98	29-155

PCB Laboratory Control Spike

Sample Matrix: Soil			Analyst:	DC
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3541	3/15/06			3/16/06
Analytical Method: EPA 8082				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
1232-1	0.50	0.30	59	40-140
Surrogates:				
Compound	% Recovery	Limits		
TCMX	78	19-139		
DCBP	100	29-155		

RESULTS: VOLATILE ORGANIC COMPOUNDS

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 16.5 (g/ml) G
% Moisture 4.11
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-1 0-4
Lab File ID: MAR2030.D
Date Sampled: 3/8/2006
Date Analyzed: 3/20/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	32	U
75-01-4	Vinyl Chloride	32	U
74-83-9	Bromomethane	32	U
75-00-3	Chloroethane	32	U
67-64-1	Acetone	160	U
75-35-4	1,1-Dichloroethene	32	U
75-15-0	Carbon Disulfide	32	U
75-09-2	Methylene Chloride	32	U
1634-04-4	tert-Butyl methyl ether	32	U
156-60-5	trans-1,2 Dichloroethene	32	U
75-34-3	1,1-Dichloroethane	32	U
78-93-3	2-Butanone	95	U
594-20-7	2,2-Dichloropropane	32	U
156-59-2	cis-1,2-Dichloroethene	32	U
67-66-3	Chloroform	32	U
74-97-5	Bromochloromethane	32	U
71-55-6	1,1,1-Trichloroethane	32	U
563-58-6	1,1-Dichloropropene	32	U
56-23-5	Carbon Tetrachloride	32	U
71-43-2	Benzene	32	U
107-06-2	1,2-Dichloroethane	32	U
79-01-6	Trichloroethene	32	U
78-87-5	1,2-Dichloropropane	32	U
75-27-4	Bromodichloromethane	32	U
74-95-3	Dibromomethane	32	U
108-10-1	4-Methyl-2-pentanone	160	U
108-88-3	Toluene	32	U
79-00-5	1,1,2-Trichloroethane	32	U
591-78-6	2-Hexanone	32	U
127-18-4	Tetrachloroethene	32	U
124-48-1	Chlorodibromomethane	32	U
108-90-7	Chlorobenzene	32	U
630-20-6	1,1,1,2-Tetrachloroethane	32	U
100-41-4	Ethylbenzene	32	U
1330-20-7	m & p-Xylene	63	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 16.5 (g/ml) G
% Moisture 4.11
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-1 0-4
Lab File ID: MAR2030.D
Date Sampled: 3/8/2006
Date Analyzed: 3/20/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	32	U
100-42-5	Styrene	32	U
75-25-2	Bromoform	32	U
98-82-8	Isopropylbenzene	32	U
79-34-5	1,1,2,2-Tetrachloroethane	32	U
108-86-1	Bromobenzene	32	U
96-18-4	1,2,3-Trichloropropane	32	U
103-65-1	n-Propylbenzene	32	U
95-49-8	2-Chlorotoluene	32	U
108-67-8	1,3,5-Trimethylbenzene	32	U
106-43-4	4-Chlorotoluene	32	U
98-06-6	tert-Butylbenzene	32	U
95-63-6	1,2,4-Trimethylbenzene	32	U
135-98-8	sec-Butylbenzene	32	U
99-87-6	p-Isopropyltoluene	32	U
541-73-1	1,3-Dichlorobenzene	32	U
106-46-7	1,4-Dichlorobenzene	32	U
104-51-8	n-Butylbenzene	32	U
95-50-1	1,2-Dichlorobenzene	32	U
96-12-8	1,2-Dibromo-3-chloropropane	32	U
120-82-1	1,2,4-Trichlorobenzene	32	U
87-68-3	Hexachlorobutadiene	32	U
91-20-3	Naphthalene	32	U
87-61-6	1,2,3-Trichlorobenzene	32	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 17.4 (g/ml) G
% Moisture 2.98
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-5 0-4
Lab File ID: MAR2031.D
Date Sampled: 3/8/2006
Date Analyzed: 3/20/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	30	U
75-01-4	Vinyl Chloride	30	U
74-83-9	Bromomethane	30	U
75-00-3	Chloroethane	30	U
67-64-1	Acetone	150	U
75-35-4	1,1-Dichloroethene	30	U
75-15-0	Carbon Disulfide	30	U
75-09-2	Methylene Chloride	30	U
1634-04-4	tert-Butyl methyl ether	30	U
156-60-5	trans-1,2 Dichloroethene	30	U
75-34-3	1,1-Dichloroethane	30	U
78-93-3	2-Butanone	89	U
594-20-7	2,2-Dichloropropane	30	U
156-59-2	cis-1,2-Dichloroethene	30	U
67-66-3	Chloroform	30	U
74-97-5	Bromochloromethane	30	U
71-55-6	1,1,1-Trichloroethane	30	U
563-58-6	1,1-Dichloropropene	30	U
56-23-5	Carbon Tetrachloride	30	U
71-43-2	Benzene	30	U
107-06-2	1,2-Dichloroethane	30	U
79-01-6	Trichloroethene	30	U
78-87-5	1,2-Dichloropropane	30	U
75-27-4	Bromodichloromethane	30	U
74-95-3	Dibromomethane	30	U
108-10-1	4-Methyl-2-pentanone	150	U
108-88-3	Toluene	30	U
79-00-5	1,1,2-Trichloroethane	30	U
591-78-6	2-Hexanone	30	U
127-18-4	Tetrachloroethene	30	U
124-48-1	Chlorodibromomethane	30	U
108-90-7	Chlorobenzene	30	U
630-20-6	1,1,1,2-Tetrachloroethane	30	U
100-41-4	Ethylbenzene	30	U
1330-20-7	m & p-Xylene	59	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 17.4 (g/ml) G
% Moisture 2.98
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-5 0-4
Lab File ID: MAR2031.D
Date Sampled: 3/8/2006
Date Analyzed: 3/20/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	30	U
100-42-5	Styrene	30	U
75-25-2	Bromoform	30	U
98-82-8	Isopropylbenzene	30	U
79-34-5	1,1,2,2-Tetrachloroethane	30	U
108-86-1	Bromobenzene	30	U
96-18-4	1,2,3-Trichloropropane	30	U
103-65-1	n-Propylbenzene	30	U
95-49-8	2-Chlorotoluene	30	U
108-67-8	1,3,5-Trimethylbenzene	30	U
106-43-4	4-Chlorotoluene	30	U
98-06-6	tert-Butylbenzene	30	U
95-63-6	1,2,4-Trimethylbenzene	30	U
135-98-8	sec-Butylbenzene	30	U
99-87-6	p-Isopropyltoluene	30	U
541-73-1	1,3-Dichlorobenzene	30	U
106-46-7	1,4-Dichlorobenzene	30	U
104-51-8	n-Butylbenzene	30	U
95-50-1	1,2-Dichlorobenzene	30	U
96-12-8	1,2-Dibromo-3-chloropropane	30	U
120-82-1	1,2,4-Trichlorobenzene	30	U
87-68-3	Hexachlorobutadiene	30	U
91-20-3	Naphthalene	30	U
87-61-6	1,2,3-Trichlorobenzene	30	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 14.0 (g/ml) G
% Moisture 9.2
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-8 0-4
Lab File ID: MAR2032.D
Date Sampled: 3/8/2006
Date Analyzed: 3/20/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	39	U
75-01-4	Vinyl Chloride	39	U
74-83-9	Bromomethane	39	U
75-00-3	Chloroethane	39	U
67-64-1	Acetone	200	U
75-35-4	1,1-Dichloroethene	39	U
75-15-0	Carbon Disulfide	39	U
75-09-2	Methylene Chloride	39	U
1634-04-4	tert-Butyl methyl ether	39	U
156-60-5	trans-1,2 Dichloroethene	39	U
75-34-3	1,1-Dichloroethane	39	U
78-93-3	2-Butanone	120	U
594-20-7	2,2-Dichloropropane	39	U
156-59-2	cis-1,2-Dichloroethene	39	U
67-66-3	Chloroform	39	U
74-97-5	Bromochloromethane	39	U
71-55-6	1,1,1-Trichloroethane	39	U
563-58-6	1,1-Dichloropropene	39	U
56-23-5	Carbon Tetrachloride	39	U
71-43-2	Benzene	39	U
107-06-2	1,2-Dichloroethane	39	U
79-01-6	Trichloroethene	200	
78-87-5	1,2-Dichloropropane	39	U
75-27-4	Bromodichloromethane	39	U
74-95-3	Dibromomethane	39	U
108-10-1	4-Methyl-2-pentanone	200	U
108-88-3	Toluene	39	U
79-00-5	1,1,2-Trichloroethane	39	U
591-78-6	2-Hexanone	39	U
127-18-4	Tetrachloroethene	39	U
124-48-1	Chlorodibromomethane	39	U
108-90-7	Chlorobenzene	39	U
630-20-6	1,1,1,2-Tetrachloroethane	39	U
100-41-4	Ethylbenzene	39	U
1330-20-7	m & p-Xylene	78	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 14.0 (g/ml) G
% Moisture 9.2
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-8 0-4
Lab File ID: MAR2032.D
Date Sampled: 3/8/2006
Date Analyzed: 3/20/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	39	U
100-42-5	Styrene	39	U
75-25-2	Bromoform	39	U
98-82-8	Isopropylbenzene	39	U
79-34-5	1,1,2,2-Tetrachloroethane	39	U
108-86-1	Bromobenzene	39	U
96-18-4	1,2,3-Trichloropropane	39	U
103-65-1	n-Propylbenzene	39	U
95-49-8	2-Chlorotoluene	39	U
108-67-8	1,3,5-Trimethylbenzene	39	U
106-43-4	4-Chlorotoluene	39	U
98-06-6	tert-Butylbenzene	39	U
95-63-6	1,2,4-Trimethylbenzene	39	U
135-98-8	sec-Butylbenzene	39	U
99-87-6	p-Isopropyltoluene	39	U
541-73-1	1,3-Dichlorobenzene	39	U
106-46-7	1,4-Dichlorobenzene	39	U
104-51-8	n-Butylbenzene	39	U
95-50-1	1,2-Dichlorobenzene	39	U
96-12-8	1,2-Dibromo-3-chloropropane	39	U
120-82-1	1,2,4-Trichlorobenzene	39	U
87-68-3	Hexachlorobutadiene	39	U
91-20-3	Naphthalene	39	U
87-61-6	1,2,3-Trichlorobenzene	39	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 23.5 (g/ml) G
% Moisture 6
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-8 4-8
Lab File ID: MAR2033.D
Date Sampled: 3/8/2006
Date Analyzed: 3/20/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	34	U
75-01-4	Vinyl Chloride	34	U
74-83-9	Bromomethane	34	U
75-00-3	Chloroethane	34	U
67-64-1	Acetone	170	U
75-35-4	1,1-Dichloroethene	34	U
75-15-0	Carbon Disulfide	34	U
75-09-2	Methylene Chloride	34	U
1634-04-4	tert-Butyl methyl ether	34	U
156-60-5	trans-1,2 Dichloroethene	34	U
75-34-3	1,1-Dichloroethane	34	U
78-93-3	2-Butanone	100	U
594-20-7	2,2-Dichloropropane	34	U
156-59-2	cis-1,2-Dichloroethene	34	U
67-66-3	Chloroform	34	U
74-97-5	Bromochloromethane	34	U
71-55-6	1,1,1-Trichloroethane	34	U
563-58-6	1,1-Dichloropropene	34	U
56-23-5	Carbon Tetrachloride	34	U
71-43-2	Benzene	34	U
107-06-2	1,2-Dichloroethane	34	U
79-01-6	Trichloroethene	34	U
78-87-5	1,2-Dichloropropane	34	U
75-27-4	Bromodichloromethane	34	U
74-95-3	Dibromomethane	34	U
108-10-1	4-Methyl-2-pentanone	170	U
108-88-3	Toluene	34	U
79-00-5	1,1,2-Trichloroethane	34	U
591-78-6	2-Hexanone	34	U
127-18-4	Tetrachloroethene	34	U
124-48-1	Chlorodibromomethane	34	U
108-90-7	Chlorobenzene	34	U
630-20-6	1,1,1,2-Tetrachloroethane	34	U
100-41-4	Ethylbenzene	34	U
1330-20-7	m & p-Xylene	68	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 23.5 (g/ml) G
% Moisture 6
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-8 4-8
Lab File ID: MAR2033.D
Date Sampled: 3/8/2006
Date Analyzed: 3/20/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	34	U
100-42-5	Styrene	34	U
75-25-2	Bromoform	34	U
98-82-8	Isopropylbenzene	34	U
79-34-5	1,1,2,2-Tetrachloroethane	34	U
108-86-1	Bromobenzene	34	U
96-18-4	1,2,3-Trichloropropane	34	U
103-65-1	n-Propylbenzene	34	U
95-49-8	2-Chlorotoluene	34	U
108-67-8	1,3,5-Trimethylbenzene	34	U
106-43-4	4-Chlorotoluene	34	U
98-06-6	tert-Butylbenzene	34	U
95-63-6	1,2,4-Trimethylbenzene	34	U
135-98-8	sec-Butylbenzene	34	U
99-87-6	p-Isopropyltoluene	34	U
541-73-1	1,3-Dichlorobenzene	34	U
106-46-7	1,4-Dichlorobenzene	34	U
104-51-8	n-Butylbenzene	34	U
95-50-1	1,2-Dichlorobenzene	34	U
96-12-8	1,2-Dibromo-3-chloropropane	34	U
120-82-1	1,2,4-Trichlorobenzene	34	U
87-68-3	Hexachlorobutadiene	34	U
91-20-3	Naphthalene	34	U
87-61-6	1,2,3-Trichlorobenzene	34	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 19.3 (g/ml) G
% Moisture 5.7
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-9 0-4
Lab File ID: MAR2034.D
Date Sampled: 3/8/2006
Date Analyzed: 3/20/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	41	U
75-01-4	Vinyl Chloride	41	U
74-83-9	Bromomethane	41	U
75-00-3	Chloroethane	41	U
67-64-1	Acetone	210	U
75-35-4	1,1-Dichloroethene	41	U
75-15-0	Carbon Disulfide	41	U
75-09-2	Methylene Chloride	41	U
1634-04-4	tert-Butyl methyl ether	41	U
156-60-5	trans-1,2 Dichloroethene	41	U
75-34-3	1,1-Dichloroethane	41	U
78-93-3	2-Butanone	120	U
594-20-7	2,2-Dichloropropane	41	U
156-59-2	cis-1,2-Dichloroethene	41	U
67-66-3	Chloroform	41	U
74-97-5	Bromochloromethane	41	U
71-55-6	1,1,1-Trichloroethane	41	U
563-58-6	1,1-Dichloropropene	41	U
56-23-5	Carbon Tetrachloride	41	U
71-43-2	Benzene	41	U
107-06-2	1,2-Dichloroethane	41	U
79-01-6	Trichloroethene	41	U
78-87-5	1,2-Dichloropropane	41	U
75-27-4	Bromodichloromethane	41	U
74-95-3	Dibromomethane	41	U
108-10-1	4-Methyl-2-pentanone	210	U
108-88-3	Toluene	41	U
79-00-5	1,1,2-Trichloroethane	41	U
591-78-6	2-Hexanone	41	U
127-18-4	Tetrachloroethene	41	U
124-48-1	Chlorodibromomethane	41	U
108-90-7	Chlorobenzene	41	U
630-20-6	1,1,1,2-Tetrachloroethane	41	U
100-41-4	Ethylbenzene	41	U
1330-20-7	m & p-Xylene	83	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 19.3 (g/ml) G
% Moisture 5.7
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-9 0-4
Lab File ID: MAR2034.D
Date Sampled: 3/8/2006
Date Analyzed: 3/20/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	41	U
100-42-5	Styrene	41	U
75-25-2	Bromoform	41	U
98-82-8	Isopropylbenzene	41	U
79-34-5	1,1,2,2-Tetrachloroethane	41	U
108-86-1	Bromobenzene	41	U
96-18-4	1,2,3-Trichloropropane	41	U
103-65-1	n-Propylbenzene	41	U
95-49-8	2-Chlorotoluene	41	U
108-67-8	1,3,5-Trimethylbenzene	41	U
106-43-4	4-Chlorotoluene	41	U
98-06-6	tert-Butylbenzene	41	U
95-63-6	1,2,4-Trimethylbenzene	41	U
135-98-8	sec-Butylbenzene	41	U
99-87-6	p-Isopropyltoluene	41	U
541-73-1	1,3-Dichlorobenzene	41	U
106-46-7	1,4-Dichlorobenzene	41	U
104-51-8	n-Butylbenzene	41	U
95-50-1	1,2-Dichlorobenzene	41	U
96-12-8	1,2-Dibromo-3-chloropropane	41	U
120-82-1	1,2,4-Trichlorobenzene	41	U
87-68-3	Hexachlorobutadiene	41	U
91-20-3	Naphthalene	41	U
87-61-6	1,2,3-Trichlorobenzene	41	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 17.1 (g/ml) G
% Moisture 6.88
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-9 4-8
Lab File ID: MAR2035.D
Date Sampled: 3/8/2006
Date Analyzed: 3/20/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	47	U
75-01-4	Vinyl Chloride	47	U
74-83-9	Bromomethane	47	U
75-00-3	Chloroethane	47	U
67-64-1	Acetone	240	U
75-35-4	1,1-Dichloroethene	47	U
75-15-0	Carbon Disulfide	47	U
75-09-2	Methylene Chloride	47	U
1634-04-4	tert-Butyl methyl ether	47	U
156-60-5	trans-1,2 Dichloroethene	47	U
75-34-3	1,1-Dichloroethane	47	U
78-93-3	2-Butanone	140	U
594-20-7	2,2-Dichloropropane	47	U
156-59-2	cis-1,2-Dichloroethene	47	U
67-66-3	Chloroform	47	U
74-97-5	Bromochloromethane	47	U
71-55-6	1,1,1-Trichloroethane	47	U
563-58-6	1,1-Dichloropropene	47	U
56-23-5	Carbon Tetrachloride	47	U
71-43-2	Benzene	47	U
107-06-2	1,2-Dichloroethane	47	U
79-01-6	Trichloroethene	47	U
78-87-5	1,2-Dichloropropane	47	U
75-27-4	Bromodichloromethane	47	U
74-95-3	Dibromomethane	47	U
108-10-1	4-Methyl-2-pentanone	240	U
108-88-3	Toluene	47	U
79-00-5	1,1,2-Trichloroethane	47	U
591-78-6	2-Hexanone	47	U
127-18-4	Tetrachloroethene	47	U
124-48-1	Chlorodibromomethane	47	U
108-90-7	Chlorobenzene	47	U
630-20-6	1,1,1,2-Tetrachloroethane	47	U
100-41-4	Ethylbenzene	47	U
1330-20-7	m & p-Xylene	94	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

New England Testing Laboratory, Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 17.1 (g/ml) G
% Moisture 6.88
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-9 4-8
Lab File ID: MAR2035.D
Date Sampled: 3/8/2006
Date Analyzed: 3/20/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	47	U
100-42-5	Styrene	47	U
75-25-2	Bromoform	47	U
98-82-8	Isopropylbenzene	47	U
79-34-5	1,1,2,2-Tetrachloroethane	47	U
108-86-1	Bromobenzene	47	U
96-18-4	1,2,3-Trichloropropane	47	U
103-65-1	n-Propylbenzene	47	U
95-49-8	2-Chlorotoluene	47	U
108-67-8	1,3,5-Trimethylbenzene	47	U
106-43-4	4-Chlorotoluene	47	U
98-06-6	tert-Butylbenzene	47	U
95-63-6	1,2,4-Trimethylbenzene	47	U
135-98-8	sec-Butylbenzene	47	U
99-87-6	p-Isopropyltoluene	47	U
541-73-1	1,3-Dichlorobenzene	47	U
106-46-7	1,4-Dichlorobenzene	47	U
104-51-8	n-Butylbenzene	47	U
95-50-1	1,2-Dichlorobenzene	47	U
96-12-8	1,2-Dibromo-3-chloropropane	47	U
120-82-1	1,2,4-Trichlorobenzene	47	U
87-68-3	Hexachlorobutadiene	47	U
91-20-3	Naphthalene	47	U
87-61-6	1,2,3-Trichlorobenzene	47	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 20.2 (g/ml) G
% Moisture 12.87
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-10 0-4
Lab File ID: MAR2036.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	28	U
75-01-4	Vinyl Chloride	28	U
74-83-9	Bromomethane	28	U
75-00-3	Chloroethane	28	U
67-64-1	Acetone	140	U
75-35-4	1,1-Dichloroethene	28	U
75-15-0	Carbon Disulfide	28	U
75-09-2	Methylene Chloride	28	U
1634-04-4	tert-Butyl methyl ether	28	U
156-60-5	trans-1,2 Dichloroethene	28	U
75-34-3	1,1-Dichloroethane	28	U
78-93-3	2-Butanone	85	U
594-20-7	2,2-Dichloropropane	28	U
156-59-2	cis-1,2-Dichloroethene	28	U
67-66-3	Chloroform	28	U
74-97-5	Bromochloromethane	28	U
71-55-6	1,1,1-Trichloroethane	28	U
563-58-6	1,1-Dichloropropene	28	U
56-23-5	Carbon Tetrachloride	28	U
71-43-2	Benzene	28	U
107-06-2	1,2-Dichloroethane	28	U
79-01-6	Trichloroethene	28	U
78-87-5	1,2-Dichloropropane	28	U
75-27-4	Bromodichloromethane	28	U
74-95-3	Dibromomethane	28	U
108-10-1	4-Methyl-2-pentanone	140	U
108-88-3	Toluene	28	U
79-00-5	1,1,2-Trichloroethane	28	U
591-78-6	2-Hexanone	28	U
127-18-4	Tetrachloroethene	28	U
124-48-1	Chlorodibromomethane	28	U
108-90-7	Chlorobenzene	28	U
630-20-6	1,1,1,2-Tetrachloroethane	28	U
100-41-4	Ethylbenzene	28	U
1330-20-7	m & p-Xylene	57	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 20.2 (g/ml) G
% Moisture 12.87
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-10 0-4
Lab File ID: MAR2036.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	28	U
100-42-5	Styrene	28	U
75-25-2	Bromoform	28	U
98-82-8	Isopropylbenzene	28	U
79-34-5	1,1,2,2-Tetrachloroethane	28	U
108-86-1	Bromobenzene	28	U
96-18-4	1,2,3-Trichloropropane	28	U
103-65-1	n-Propylbenzene	28	U
95-49-8	2-Chlorotoluene	28	U
108-67-8	1,3,5-Trimethylbenzene	28	U
106-43-4	4-Chlorotoluene	28	U
98-06-6	tert-Butylbenzene	28	U
95-63-6	1,2,4-Trimethylbenzene	28	U
135-98-8	sec-Butylbenzene	28	U
99-87-6	p-Isopropyltoluene	28	U
541-73-1	1,3-Dichlorobenzene	28	U
106-46-7	1,4-Dichlorobenzene	28	U
104-51-8	n-Butylbenzene	28	U
95-50-1	1,2-Dichlorobenzene	28	U
96-12-8	1,2-Dibromo-3-chloropropane	28	U
120-82-1	1,2,4-Trichlorobenzene	28	U
87-68-3	Hexachlorobutadiene	28	U
91-20-3	Naphthalene	28	U
87-61-6	1,2,3-Trichlorobenzene	28	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 10.8 (g/ml) G
% Moisture 4.1
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-11 0-4
Lab File ID: MAR2037.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	48	U
75-01-4	Vinyl Chloride	48	U
74-83-9	Bromomethane	48	U
75-00-3	Chloroethane	48	U
67-64-1	Acetone	240	U
75-35-4	1,1-Dichloroethene	48	U
75-15-0	Carbon Disulfide	48	U
75-09-2	Methylene Chloride	48	U
1634-04-4	tert-Butyl methyl ether	48	U
156-60-5	trans-1,2 Dichloroethene	48	U
75-34-3	1,1-Dichloroethane	48	U
78-93-3	2-Butanone	140	U
594-20-7	2,2-Dichloropropane	48	U
156-59-2	cis-1,2-Dichloroethene	48	U
67-66-3	Chloroform	48	U
74-97-5	Bromochloromethane	48	U
71-55-6	1,1,1-Trichloroethane	48	U
563-58-6	1,1-Dichloropropene	48	U
56-23-5	Carbon Tetrachloride	48	U
71-43-2	Benzene	48	U
107-06-2	1,2-Dichloroethane	48	U
79-01-6	Trichloroethene	48	U
78-87-5	1,2-Dichloropropane	48	U
75-27-4	Bromodichloromethane	48	U
74-95-3	Dibromomethane	48	U
108-10-1	4-Methyl-2-pentanone	240	U
108-88-3	Toluene	97	
79-00-5	1,1,2-Trichloroethane	48	U
591-78-6	2-Hexanone	48	U
127-18-4	Tetrachloroethene	48	U
124-48-1	Chlorodibromomethane	48	U
108-90-7	Chlorobenzene	48	U
630-20-6	1,1,1,2-Tetrachloroethane	48	U
100-41-4	Ethylbenzene	48	U
1330-20-7	m & p-Xylene	61	J

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 10.8 (g/ml) G
% Moisture 4.1
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-11 0-4
Lab File ID: MAR2037.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	48	U
100-42-5	Styrene	48	U
75-25-2	Bromoform	48	U
98-82-8	Isopropylbenzene	48	U
79-34-5	1,1,2,2-Tetrachloroethane	48	U
108-86-1	Bromobenzene	48	U
96-18-4	1,2,3-Trichloropropane	48	U
103-65-1	n-Propylbenzene	48	U
95-49-8	2-Chlorotoluene	48	U
108-67-8	1,3,5-Trimethylbenzene	48	U
106-43-4	4-Chlorotoluene	48	U
98-06-6	tert-Butylbenzene	48	U
95-63-6	1,2,4-Trimethylbenzene	48	U
135-98-8	sec-Butylbenzene	48	U
99-87-6	p-Isopropyltoluene	48	U
541-73-1	1,3-Dichlorobenzene	48	U
106-46-7	1,4-Dichlorobenzene	48	U
104-51-8	n-Butylbenzene	48	U
95-50-1	1,2-Dichlorobenzene	48	U
96-12-8	1,2-Dibromo-3-chloropropane	48	U
120-82-1	1,2,4-Trichlorobenzene	48	U
87-68-3	Hexachlorobutadiene	48	U
91-20-3	Naphthalene	48	U
87-61-6	1,2,3-Trichlorobenzene	48	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 12.7 (g/ml) G
% Moisture 14.69
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-11 4-8
Lab File ID: MAR2038.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	46	U
75-01-4	Vinyl Chloride	46	U
74-83-9	Bromomethane	46	U
75-00-3	Chloroethane	46	U
67-64-1	Acetone	230	U
75-35-4	1,1-Dichloroethene	46	U
75-15-0	Carbon Disulfide	46	U
75-09-2	Methylene Chloride	46	U
1634-04-4	tert-Butyl methyl ether	46	U
156-60-5	trans-1,2 Dichloroethene	46	U
75-34-3	1,1-Dichloroethane	46	U
78-93-3	2-Butanone	140	U
594-20-7	2,2-Dichloropropane	46	U
156-59-2	cis-1,2-Dichloroethene	46	U
67-66-3	Chloroform	46	U
74-97-5	Bromochloromethane	46	U
71-55-6	1,1,1-Trichloroethane	46	U
563-58-6	1,1-Dichloropropene	46	U
56-23-5	Carbon Tetrachloride	46	U
71-43-2	Benzene	46	U
107-06-2	1,2-Dichloroethane	46	U
79-01-6	Trichloroethene	63	
78-87-5	1,2-Dichloropropane	46	U
75-27-4	Bromodichloromethane	46	U
74-95-3	Dibromomethane	46	U
108-10-1	4-Methyl-2-pentanone	230	U
108-88-3	Toluene	46	U
79-00-5	1,1,2-Trichloroethane	46	U
591-78-6	2-Hexanone	46	U
127-18-4	Tetrachloroethene	46	U
124-48-1	Chlorodibromomethane	46	U
108-90-7	Chlorobenzene	46	U
630-20-6	1,1,1,2-Tetrachloroethane	46	U
100-41-4	Ethylbenzene	46	U
1330-20-7	m & p-Xylene	93	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 12.7 (g/ml) G
% Moisture 14.69
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-11 4-8
Lab File ID: MAR2038.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	46	U
100-42-5	Styrene	46	U
75-25-2	Bromoform	46	U
98-82-8	Isopropylbenzene	46	U
79-34-5	1,1,2,2-Tetrachloroethane	46	U
108-86-1	Bromobenzene	46	U
96-18-4	1,2,3-Trichloropropane	46	U
103-65-1	n-Propylbenzene	46	U
95-49-8	2-Chlorotoluene	46	U
108-67-8	1,3,5-Trimethylbenzene	46	U
106-43-4	4-Chlorotoluene	46	U
98-06-6	tert-Butylbenzene	46	U
95-63-6	1,2,4-Trimethylbenzene	46	U
135-98-8	sec-Butylbenzene	46	U
99-87-6	p-Isopropyltoluene	46	U
541-73-1	1,3-Dichlorobenzene	46	U
106-46-7	1,4-Dichlorobenzene	46	U
104-51-8	n-Butylbenzene	46	U
95-50-1	1,2-Dichlorobenzene	46	U
96-12-8	1,2-Dibromo-3-chloropropane	46	U
120-82-1	1,2,4-Trichlorobenzene	46	U
87-68-3	Hexachlorobutadiene	46	U
91-20-3	Naphthalene	46	U
87-61-6	1,2,3-Trichlorobenzene	46	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 20.2 (g/ml) G
% Moisture 9.4
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-12 0-4
Lab File ID: MAR2039.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	27	U
75-01-4	Vinyl Chloride	27	U
74-83-9	Bromomethane	27	U
75-00-3	Chloroethane	27	U
67-64-1	Acetone	140	U
75-35-4	1,1-Dichloroethene	27	U
75-15-0	Carbon Disulfide	27	U
75-09-2	Methylene Chloride	27	U
1634-04-4	tert-Butyl methyl ether	27	U
156-60-5	trans-1,2 Dichloroethene	27	U
75-34-3	1,1-Dichloroethane	27	U
78-93-3	2-Butanone	82	U
594-20-7	2,2-Dichloropropane	27	U
156-59-2	cis-1,2-Dichloroethene	27	U
67-66-3	Chloroform	27	U
74-97-5	Bromochloromethane	27	U
71-55-6	1,1,1-Trichloroethane	27	U
563-58-6	1,1-Dichloropropene	27	U
56-23-5	Carbon Tetrachloride	27	U
71-43-2	Benzene	27	U
107-06-2	1,2-Dichloroethane	27	U
79-01-6	Trichloroethene	27	U
78-87-5	1,2-Dichloropropane	27	U
75-27-4	Bromodichloromethane	27	U
74-95-3	Dibromomethane	27	U
108-10-1	4-Methyl-2-pentanone	140	U
108-88-3	Toluene	27	U
79-00-5	1,1,2-Trichloroethane	27	U
591-78-6	2-Hexanone	27	U
127-18-4	Tetrachloroethene	27	U
124-48-1	Chlorodibromomethane	27	U
108-90-7	Chlorobenzene	27	U
630-20-6	1,1,1,2-Tetrachloroethane	27	U
100-41-4	Ethylbenzene	27	U
1330-20-7	m & p-Xylene	54	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 20.2 (g/ml) G
% Moisture 9.4
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-12 0-4
Lab File ID: MAR2039.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	27	U
100-42-5	Styrene	27	U
75-25-2	Bromoform	27	U
98-82-8	Isopropylbenzene	27	U
79-34-5	1,1,2,2-Tetrachloroethane	27	U
108-86-1	Bromobenzene	27	U
96-18-4	1,2,3-Trichloropropane	27	U
103-65-1	n-Propylbenzene	27	U
95-49-8	2-Chlorotoluene	27	U
108-67-8	1,3,5-Trimethylbenzene	27	U
106-43-4	4-Chlorotoluene	27	U
98-06-6	tert-Butylbenzene	27	U
95-63-6	1,2,4-Trimethylbenzene	27	U
135-98-8	sec-Butylbenzene	27	U
99-87-6	p-Isopropyltoluene	27	U
541-73-1	1,3-Dichlorobenzene	27	U
106-46-7	1,4-Dichlorobenzene	27	U
104-51-8	n-Butylbenzene	27	U
95-50-1	1,2-Dichlorobenzene	27	U
96-12-8	1,2-Dibromo-3-chloropropane	27	U
120-82-1	1,2,4-Trichlorobenzene	27	U
87-68-3	Hexachlorobutadiene	27	U
91-20-3	Naphthalene	27	U
87-61-6	1,2,3-Trichlorobenzene	27	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 19.1 (g/ml) G
% Moisture 11.62
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-12 4-7
Lab File ID: MAR2040.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	30	U
75-01-4	Vinyl Chloride	30	U
74-83-9	Bromomethane	30	U
75-00-3	Chloroethane	30	U
67-64-1	Acetone	150	U
75-35-4	1,1-Dichloroethene	30	U
75-15-0	Carbon Disulfide	30	U
75-09-2	Methylene Chloride	30	U
1634-04-4	tert-Butyl methyl ether	30	U
156-60-5	trans-1,2 Dichloroethene	30	U
75-34-3	1,1-Dichloroethane	30	U
78-93-3	2-Butanone	89	U
594-20-7	2,2-Dichloropropane	30	U
156-59-2	cis-1,2-Dichloroethene	30	U
67-66-3	Chloroform	30	U
74-97-5	Bromochloromethane	30	U
71-55-6	1,1,1-Trichloroethane	30	U
563-58-6	1,1-Dichloropropene	30	U
56-23-5	Carbon Tetrachloride	30	U
71-43-2	Benzene	30	U
107-06-2	1,2-Dichloroethane	30	U
79-01-6	Trichloroethene	30	U
78-87-5	1,2-Dichloropropane	30	U
75-27-4	Bromodichloromethane	30	U
74-95-3	Dibromomethane	30	U
108-10-1	4-Methyl-2-pentanone	150	U
108-88-3	Toluene	30	U
79-00-5	1,1,2-Trichloroethane	30	U
591-78-6	2-Hexanone	30	U
127-18-4	Tetrachloroethene	30	U
124-48-1	Chlorodibromomethane	30	U
108-90-7	Chlorobenzene	30	U
630-20-6	1,1,1,2-Tetrachloroethane	30	U
100-41-4	Ethylbenzene	30	U
1330-20-7	m & p-Xylene	59	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 19.1 (g/ml) G
% Moisture 11.62
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-12 4-7
Lab File ID: MAR2040.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	30	U
100-42-5	Styrene	30	U
75-25-2	Bromoform	30	U
98-82-8	Isopropylbenzene	30	U
79-34-5	1,1,2,2-Tetrachloroethane	30	U
108-86-1	Bromobenzene	30	U
96-18-4	1,2,3-Trichloropropane	30	U
103-65-1	n-Propylbenzene	30	U
95-49-8	2-Chlorotoluene	30	U
108-67-8	1,3,5-Trimethylbenzene	30	U
106-43-4	4-Chlorotoluene	30	U
98-06-6	tert-Butylbenzene	30	U
95-63-6	1,2,4-Trimethylbenzene	30	U
135-98-8	sec-Butylbenzene	30	U
99-87-6	p-Isopropyltoluene	30	U
541-73-1	1,3-Dichlorobenzene	30	U
106-46-7	1,4-Dichlorobenzene	30	U
104-51-8	n-Butylbenzene	30	U
95-50-1	1,2-Dichlorobenzene	30	U
96-12-8	1,2-Dibromo-3-chloropropane	30	U
120-82-1	1,2,4-Trichlorobenzene	30	U
87-68-3	Hexachlorobutadiene	30	U
91-20-3	Naphthalene	30	U
87-61-6	1,2,3-Trichlorobenzene	30	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 17.6 (g/ml) G
% Moisture 6.83
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-13 0-4
Lab File ID: MAR2122.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	31	U
75-01-4	Vinyl Chloride	31	U
74-83-9	Bromomethane	31	U
75-00-3	Chloroethane	31	U
67-64-1	Acetone	150	U
75-35-4	1,1-Dichloroethene	31	U
75-15-0	Carbon Disulfide	31	U
75-09-2	Methylene Chloride	31	U
1634-04-4	tert-Butyl methyl ether	31	U
156-60-5	trans-1,2 Dichloroethene	31	U
75-34-3	1,1-Dichloroethane	31	U
78-93-3	2-Butanone	92	U
594-20-7	2,2-Dichloropropane	31	U
156-59-2	cis-1,2-Dichloroethene	31	U
67-66-3	Chloroform	31	U
74-97-5	Bromochloromethane	31	U
71-55-6	1,1,1-Trichloroethane	31	U
563-58-6	1,1-Dichloropropene	31	U
56-23-5	Carbon Tetrachloride	31	U
71-43-2	Benzene	35	
107-06-2	1,2-Dichloroethane	31	U
79-01-6	Trichloroethene	1700	
78-87-5	1,2-Dichloropropane	31	U
75-27-4	Bromodichloromethane	31	U
74-95-3	Dibromomethane	31	U
108-10-1	4-Methyl-2-pentanone	150	U
108-88-3	Toluene	31	U
79-00-5	1,1,2-Trichloroethane	31	U
591-78-6	2-Hexanone	31	U
127-18-4	Tetrachloroethene	170	
124-48-1	Chlorodibromomethane	31	U
108-90-7	Chlorobenzene	31	U
630-20-6	1,1,1,2-Tetrachloroethane	31	U
100-41-4	Ethylbenzene	31	U
1330-20-7	m & p-Xylene	61	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 17.6 (g/ml) G
% Moisture 6.83
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-13 0-4
Lab File ID: MAR2122.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	31	U
100-42-5	Styrene	31	U
75-25-2	Bromoform	31	U
98-82-8	Isopropylbenzene	31	U
79-34-5	1,1,2,2-Tetrachloroethane	31	U
108-86-1	Bromobenzene	31	U
96-18-4	1,2,3-Trichloropropane	31	U
103-65-1	n-Propylbenzene	31	U
95-49-8	2-Chlorotoluene	31	U
108-67-8	1,3,5-Trimethylbenzene	31	U
106-43-4	4-Chlorotoluene	31	U
98-06-6	tert-Butylbenzene	31	U
95-63-6	1,2,4-Trimethylbenzene	31	U
135-98-8	sec-Butylbenzene	31	U
99-87-6	p-Isopropyltoluene	31	U
541-73-1	1,3-Dichlorobenzene	31	U
106-46-7	1,4-Dichlorobenzene	31	U
104-51-8	n-Butylbenzene	31	U
95-50-1	1,2-Dichlorobenzene	31	U
96-12-8	1,2-Dibromo-3-chloropropane	31	U
120-82-1	1,2,4-Trichlorobenzene	31	U
87-68-3	Hexachlorobutadiene	31	U
91-20-3	Naphthalene	31	U
87-61-6	1,2,3-Trichlorobenzene	31	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 13.5 (g/ml) G
% Moisture 17.59
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-15 0-1
Lab File ID: MAR2042.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	45	U
75-01-4	Vinyl Chloride	45	U
74-83-9	Bromomethane	45	U
75-00-3	Chloroethane	45	U
67-64-1	Acetone	230	U
75-35-4	1,1-Dichloroethene	45	U
75-15-0	Carbon Disulfide	45	U
75-09-2	Methylene Chloride	45	U
1634-04-4	tert-Butyl methyl ether	45	U
156-60-5	trans-1,2 Dichloroethene	45	U
75-34-3	1,1-Dichloroethane	45	U
78-93-3	2-Butanone	140	U
594-20-7	2,2-Dichloropropane	45	U
156-59-2	cis-1,2-Dichloroethene	45	U
67-66-3	Chloroform	45	U
74-97-5	Bromochloromethane	45	U
71-55-6	1,1,1-Trichloroethane	45	U
563-58-6	1,1-Dichloropropene	45	U
56-23-5	Carbon Tetrachloride	45	U
71-43-2	Benzene	45	U
107-06-2	1,2-Dichloroethane	45	U
79-01-6	Trichloroethene	45	U
78-87-5	1,2-Dichloropropane	45	U
75-27-4	Bromodichloromethane	45	U
74-95-3	Dibromomethane	45	U
108-10-1	4-Methyl-2-pentanone	230	U
108-88-3	Toluene	45	U
79-00-5	1,1,2-Trichloroethane	45	U
591-78-6	2-Hexanone	45	U
127-18-4	Tetrachloroethene	45	U
124-48-1	Chlorodibromomethane	45	U
108-90-7	Chlorobenzene	45	U
630-20-6	1,1,1,2-Tetrachloroethane	45	U
100-41-4	Ethylbenzene	45	U
1330-20-7	m & p-Xylene	90	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 13.5 (g/ml) G
% Moisture 17.59
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-15 0-1
Lab File ID: MAR2042.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	45	U
100-42-5	Styrene	45	U
75-25-2	Bromoform	45	U
98-82-8	Isopropylbenzene	45	U
79-34-5	1,1,2,2-Tetrachloroethane	45	U
108-86-1	Bromobenzene	45	U
96-18-4	1,2,3-Trichloropropane	45	U
103-65-1	n-Propylbenzene	45	U
95-49-8	2-Chlorotoluene	45	U
108-67-8	1,3,5-Trimethylbenzene	45	U
106-43-4	4-Chlorotoluene	45	U
98-06-6	tert-Butylbenzene	45	U
95-63-6	1,2,4-Trimethylbenzene	45	U
135-98-8	sec-Butylbenzene	45	U
99-87-6	p-Isopropyltoluene	45	U
541-73-1	1,3-Dichlorobenzene	45	U
106-46-7	1,4-Dichlorobenzene	45	U
104-51-8	n-Butylbenzene	45	U
95-50-1	1,2-Dichlorobenzene	45	U
96-12-8	1,2-Dibromo-3-chloropropane	45	U
120-82-1	1,2,4-Trichlorobenzene	45	U
87-68-3	Hexachlorobutadiene	45	U
91-20-3	Naphthalene	45	U
87-61-6	1,2,3-Trichlorobenzene	45	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 18.8 (g/ml) G
% Moisture 5.47
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-14 0-4
Lab File ID: MAR2043.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	28	U
75-01-4	Vinyl Chloride	28	U
74-83-9	Bromomethane	28	U
75-00-3	Chloroethane	28	U
67-64-1	Acetone	140	U
75-35-4	1,1-Dichloroethene	28	U
75-15-0	Carbon Disulfide	28	U
75-09-2	Methylene Chloride	28	U
1634-04-4	tert-Butyl methyl ether	28	U
156-60-5	trans-1,2 Dichloroethene	28	U
75-34-3	1,1-Dichloroethane	28	U
78-93-3	2-Butanone	84	U
594-20-7	2,2-Dichloropropane	28	U
156-59-2	cis-1,2-Dichloroethene	28	U
67-66-3	Chloroform	28	U
74-97-5	Bromochloromethane	28	U
71-55-6	1,1,1-Trichloroethane	28	U
563-58-6	1,1-Dichloropropene	28	U
56-23-5	Carbon Tetrachloride	28	U
71-43-2	Benzene	28	U
107-06-2	1,2-Dichloroethane	28	U
79-01-6	Trichloroethene	28	U
78-87-5	1,2-Dichloropropane	28	U
75-27-4	Bromodichloromethane	28	U
74-95-3	Dibromomethane	28	U
108-10-1	4-Methyl-2-pentanone	140	U
108-88-3	Toluene	28	U
79-00-5	1,1,2-Trichloroethane	28	U
591-78-6	2-Hexanone	28	U
127-18-4	Tetrachloroethene	28	U
124-48-1	Chlorodibromomethane	28	U
108-90-7	Chlorobenzene	28	U
630-20-6	1,1,1,2-Tetrachloroethane	28	U
100-41-4	Ethylbenzene	28	U
1330-20-7	m & p-Xylene	56	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 18.8 (g/ml) G
% Moisture 5.47
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: S-14 0-4
Lab File ID: MAR2043.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	28	U
100-42-5	Styrene	28	U
75-25-2	Bromoform	28	U
98-82-8	Isopropylbenzene	28	U
79-34-5	1,1,2,2-Tetrachloroethane	28	U
108-86-1	Bromobenzene	28	U
96-18-4	1,2,3-Trichloropropane	28	U
103-65-1	n-Propylbenzene	28	U
95-49-8	2-Chlorotoluene	28	U
108-67-8	1,3,5-Trimethylbenzene	28	U
106-43-4	4-Chlorotoluene	28	U
98-06-6	tert-Butylbenzene	28	U
95-63-6	1,2,4-Trimethylbenzene	28	U
135-98-8	sec-Butylbenzene	28	U
99-87-6	p-Isopropyltoluene	28	U
541-73-1	1,3-Dichlorobenzene	28	U
106-46-7	1,4-Dichlorobenzene	28	U
104-51-8	n-Butylbenzene	28	U
95-50-1	1,2-Dichlorobenzene	28	U
96-12-8	1,2-Dibromo-3-chloropropane	28	U
120-82-1	1,2,4-Trichlorobenzene	28	U
87-68-3	Hexachlorobutadiene	28	U
91-20-3	Naphthalene	28	U
87-61-6	1,2,3-Trichlorobenzene	28	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 10.0 (g/ml) G
% Moisture 0
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: VBLK060320
Lab File ID: MAR2029.D
Date Sampled: 3/8/2006
Date Analyzed: 3/20/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	50	U
75-01-4	Vinyl Chloride	50	U
74-83-9	Bromomethane	50	U
75-00-3	Chloroethane	50	U
67-64-1	Acetone	250	U
75-35-4	1,1-Dichloroethene	50	U
75-15-0	Carbon Disulfide	50	U
75-09-2	Methylene Chloride	50	U
1634-04-4	tert-Butyl methyl ether	50	U
156-60-5	trans-1,2 Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
78-93-3	2-Butanone	150	U
594-20-7	2,2-Dichloropropane	50	U
156-59-2	cis-1,2-Dichloroethene	50	U
67-66-3	Chloroform	50	U
74-97-5	Bromochloromethane	50	U
71-55-6	1,1,1-Trichloroethane	50	U
563-58-6	1,1-Dichloropropene	50	U
56-23-5	Carbon Tetrachloride	50	U
71-43-2	Benzene	50	U
107-06-2	1,2-Dichloroethane	50	U
79-01-6	Trichloroethene	50	U
78-87-5	1,2-Dichloropropane	50	U
75-27-4	Bromodichloromethane	50	U
74-95-3	Dibromomethane	50	U
108-10-1	4-Methyl-2-pentanone	250	U
108-88-3	Toluene	50	U
79-00-5	1,1,2-Trichloroethane	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	50	U
124-48-1	Chlorodibromomethane	50	U
108-90-7	Chlorobenzene	50	U
630-20-6	1,1,1,2-Tetrachloroethane	50	U
100-41-4	Ethylbenzene	50	U
1330-20-7	m & p-Xylene	100	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 10.0 (g/ml) G
% Moisture 0
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: VBLK060320
Lab File ID: MAR2029.D
Date Sampled: 3/8/2006
Date Analyzed: 3/20/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	50	U
100-42-5	Styrene	50	U
75-25-2	Bromoform	50	U
98-82-8	Isopropylbenzene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-86-1	Bromobenzene	50	U
96-18-4	1,2,3-Trichloropropane	50	U
103-65-1	n-Propylbenzene	50	U
95-49-8	2-Chlorotoluene	50	U
108-67-8	1,3,5-Trimethylbenzene	50	U
106-43-4	4-Chlorotoluene	50	U
98-06-6	tert-Butylbenzene	50	U
95-63-6	1,2,4-Trimethylbenzene	50	U
135-98-8	sec-Butylbenzene	50	U
99-87-6	p-Isopropyltoluene	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
104-51-8	n-Butylbenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
96-12-8	1,2-Dibromo-3-chloropropane	50	U
120-82-1	1,2,4-Trichlorobenzene	50	U
87-68-3	Hexachlorobutadiene	50	U
91-20-3	Naphthalene	50	U
87-61-6	1,2,3-Trichlorobenzene	50	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 10.0 (g/ml) G
% Moisture 0
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: VBLK060321
Lab File ID: MAR2121.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
74-87-3	Chloromethane	50	U
75-01-4	Vinyl Chloride	50	U
74-83-9	Bromomethane	50	U
75-00-3	Chloroethane	50	U
67-64-1	Acetone	250	U
75-35-4	1,1-Dichloroethene	50	U
75-15-0	Carbon Disulfide	50	U
75-09-2	Methylene Chloride	50	U
1634-04-4	tert-Butyl methyl ether	50	U
156-60-5	trans-1,2 Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
78-93-3	2-Butanone	150	U
594-20-7	2,2-Dichloropropane	50	U
156-59-2	cis-1,2-Dichloroethene	50	U
67-66-3	Chloroform	50	U
74-97-5	Bromochloromethane	50	U
71-55-6	1,1,1-Trichloroethane	50	U
563-58-6	1,1-Dichloropropene	50	U
56-23-5	Carbon Tetrachloride	50	U
71-43-2	Benzene	50	U
107-06-2	1,2-Dichloroethane	50	U
79-01-6	Trichloroethene	50	U
78-87-5	1,2-Dichloropropane	50	U
75-27-4	Bromodichloromethane	50	U
74-95-3	Dibromomethane	50	U
108-10-1	4-Methyl-2-pentanone	250	U
108-88-3	Toluene	50	U
79-00-5	1,1,2-Trichloroethane	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	50	U
124-48-1	Chlorodibromomethane	50	U
108-90-7	Chlorobenzene	50	U
630-20-6	1,1,1,2-Tetrachloroethane	50	U
100-41-4	Ethylbenzene	50	U
1330-20-7	m & p-Xylene	100	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

VOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Method: 8260
Matrix: (soil/water) SOIL
Sample wt/vol: 10.0 (g/ml) G
% Moisture 0
Soil Extract Volume: _____ (uL)
Analyst's Initials: MGF

Client Name: Woodard & Curran
Lab Sample ID: VBLK060321
Lab File ID: MAR2121.D
Date Sampled: 3/8/2006
Date Analyzed: 3/21/2006
Dilution Factor: 1.0
Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	UNITS: UG/KG	Q
95-47-6	o-Xylene	50	U
100-42-5	Styrene	50	U
75-25-2	Bromoform	50	U
98-82-8	Isopropylbenzene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-86-1	Bromobenzene	50	U
96-18-4	1,2,3-Trichloropropane	50	U
103-65-1	n-Propylbenzene	50	U
95-49-8	2-Chlorotoluene	50	U
108-67-8	1,3,5-Trimethylbenzene	50	U
106-43-4	4-Chlorotoluene	50	U
98-06-6	tert-Butylbenzene	50	U
95-63-6	1,2,4-Trimethylbenzene	50	U
135-98-8	sec-Butylbenzene	50	U
99-87-6	p-Isopropyltoluene	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
104-51-8	n-Butylbenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
96-12-8	1,2-Dibromo-3-chloropropane	50	U
120-82-1	1,2,4-Trichlorobenzene	50	U
87-68-3	Hexachlorobutadiene	50	U
91-20-3	Naphthalene	50	U
87-61-6	1,2,3-Trichlorobenzene	50	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: New England Testing Lab Contract: Holbrook Chemica

Lab Code: RI010 Case No.: R0309-05 SAS No.: _____ SDG No.: Woodard

Level: (low/med) MED

	EPA SAMPLE NO.	SMC1 #	SMC2 #	SMC3 #	TOT OUT
01	VBLK060320	96	86	86	0
02	S-1 0-4	97	89	92	0
03	S-5 0-4	97	89	88	0
04	S-8 0-4	97	88	88	0
05	S-8 4-8	98	88	87	0
06	S-9 0-4	98	88	88	0
07	S-9 4-8	98	87	89	0
08	S-10 0-4	101	88	90	0
09	S-11 0-4	98	90	91	0
10	S-11 4-8	100	89	88	0
11	S-12 0-4	101	89	92	0
12	S-12 4-7	101	89	92	0
13	S-15 0-1	102	90	91	0
14	S-14 0-4	103	91	92	0
15	VLCS060320	94	92	102	0
16	VBLK060321	100	95	89	0
17	S-13 0-4	99	95	94	0
18	VLCS060321	89	99	105	0

			QC LIMITS
SMC1	=	1,2-Dichloroethane-D4	(76-130)
SMC2	=	Toluene-D8	(85-124)
SMC3	=	Bromofluorobenzene	(77-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

Volatile Organics Laboratory Control Spike

Date Analyzed: 3/21/06 **Sample ID: VLCS060320**

Compound	Spike Added (ug/L)	Spike Result (ug/L)	Recovery, %	Lower Control Limit, %	Upper Control Limit, %
Chloromethane	50	47	93	70	164
Vinyl Chloride	50	44	87	70	155
Bromomethane	50	77	154	15	213
Chloroethane	50	64	128	52	193
1,1-Dichloroethene	50	48	97	77	137
Methylene Chloride	50	48	96	76	130
trans-1,2 Dichloroethene	50	46	92	74	128
1,1-Dichloroethane	50	50	99	78	126
cis-1,2-Dichloroethene	50	46	92	76	123
Chloroform	50	47	94	83	125
Bromochloromethane	50	51	101	76	121
1,1,1-Trichloroethane	50	43	87	73	129
1,1-Dichloropropene	50	44	89	79	122
Carbon Tetrachloride	50	47	93	74	129
Benzene	50	41	83	75	117
1,2-Dichloroethane	50	54	108	78	123
Trichloroethene	50	55	109	65	141
1,2-Dichloropropane	50	47	94	81	121
Bromodichloromethane	50	47	95	74	116
Dibromomethane	50	50	99	80	115
MIBK	50	57	114	72	147
cis-1,3-Dichloropropene	50	46	92	47	132
Toluene	50	45	90	74	119
Trans-1,3-Dichloropropene	50	47	94	52	136
1,1,2-Trichloroethane	50	49	98	81	118
Ethylene Dibromide	50	53	105	80	121
2-Hexanone	50	63	126	65	153
Tetrachloroethene	50	74	147	29	190
1,3-Dichloropropane	50	50	101	59	143
Chlorodibromomethane	50	45	90	79	114
Chlorobenzene	50	41	81	74	115
1,1,1,2-Tetrachloroethane	50	46	92	77	116
Ethylbenzene	50	43	86	77	117
m & p-Xylene	100	85	85	58	129
o-Xylene	50	45	89	24	175
Styrene	50	45	90	76	111
Bromoform	50	52	104	78	115
Isopropylbenzene	50	47	94	82	125
1,1,2,2-Tetrachloroethane	50	35	71	50	142

Volatile Organics Laboratory Control Spike

Date Analyzed: 3/21/06 **Sample ID: VLCS060320**

Compound	Spike Added (ug/L)	Spike Result (ug/L)	Recovery, %	Lower Control Limit, %	Upper Control Limit, %
Bromobenzene	50	50	101	78	116
1,2,3-Trichloropropane	50	51	103	76	120
n-Propylbenzene	50	45	89	75	118
2-Chlorotoluene	50	42	84	73	114
1,3,5-Trimethylbenzene	50	44	89	74	117
4-Chlorotoluene	50	44	89	72	115
tert-Butylbenzene	50	43	86	80	137
1,2,4-Trimethylbenzene	50	46	92	72	118
sec-Butylbenzene	50	42	85	73	114
p-Isopropyltoluene	50	42	84	72	140
1,3-Dichlorobenzene	50	45	89	69	116
1,4-Dichlorobenzene	50	46	91	69	117
n-Butylbenzene	50	37	73	65	130
1,2-Dichlorobenzene	50	47	93	73	113
1,2-Dibromo-3-chloropropane	50	44	89	46	138
1,2,4-Trichlorobenzene	50	35	70	35	157
Naphthalene	50	43	87	17	186
1,2,3-Trichlorobenzene	50	38	75	32	186

Volatile Organics Laboratory Control Spike

Date Analyzed: 3/21/06 **Sample ID: VLCS060321**

Compound	Spike Added (ug/L)	Spike Result (ug/L)	Recovery, %	Lower Control Limit, %	Upper Control Limit, %
Chloromethane	50	53	107	70	164
Vinyl Chloride	50	59	118	70	155
Bromomethane	50	93	186	15	213
Chloroethane	50	93	186	52	193
1,1-Dichloroethene	50	61	123	77	137
Methylene Chloride	50	54	108	76	130
trans-1,2 Dichloroethene	50	57	115	74	128
1,1-Dichloroethane	50	60	120	78	126
cis-1,2-Dichloroethene	50	54	107	76	123
Chloroform	50	55	111	83	125
Bromochloromethane	50	55	109	76	121
1,1,1-Trichloroethane	50	60	119	73	129
1,1-Dichloropropene	50	56	111	79	122
Carbon Tetrachloride	50	60	120	74	129
Benzene	50	54	108	75	117
1,2-Dichloroethane	50	57	113	78	123
Trichloroethene	50	58	117	65	141
1,2-Dichloropropane	50	55	110	81	121
Bromodichloromethane	50	53	106	74	116
Dibromomethane	50	54	108	80	115
MIBK	50	65	130	72	147
cis-1,3-Dichloropropene	50	54	109	47	132
Toluene	50	56	112	74	119
Trans-1,3-Dichloropropene	50	55	111	52	136
1,1,2-Trichloroethane	50	53	107	81	118
Ethylene Dibromide	50	57	114	80	121
2-Hexanone	50	60	120	65	153
Tetrachloroethene	50	101	203	29	190
1,3-Dichloropropane	50	55	110	59	143
Chlorodibromomethane	50	53	107	79	114
Chlorobenzene	50	52	105	74	115
1,1,1,2-Tetrachloroethane	50	54	108	77	116
Ethylbenzene	50	55	110	77	117
m & p-Xylene	100	109	109	58	129
o-Xylene	50	54	108	24	175
Styrene	50	57	113	76	111
Bromoform	50	57	114	78	115
Isopropylbenzene	50	57	115	82	125
1,1,2,2-Tetrachloroethane	50	48	96	50	142

Volatile Organics Laboratory Control Spike

Date Analyzed: 3/21/06 **Sample ID: VLCS060321**

Compound	Spike Added (ug/L)	Spike Result (ug/L)	Recovery, %	Lower Control Limit, %	Upper Control Limit, %
Bromobenzene	50	52	103	78	116
1,2,3-Trichloropropane	50	50	101	76	120
n-Propylbenzene	50	53	107	75	118
2-Chlorotoluene	50	49	98	73	114
1,3,5-Trimethylbenzene	50	52	104	74	117
4-Chlorotoluene	50	49	97	72	115
tert-Butylbenzene	50	53	106	80	137
1,2,4-Trimethylbenzene	50	53	105	72	118
sec-Butylbenzene	50	51	103	73	114
p-Isopropyltoluene	50	54	108	72	140
1,3-Dichlorobenzene	50	51	102	69	116
1,4-Dichlorobenzene	50	52	103	69	117
n-Butylbenzene	50	54	108	65	130
1,2-Dichlorobenzene	50	51	102	73	113
1,2-Dibromo-3-chloropropane	50	56	111	46	138
1,2,4-Trichlorobenzene	50	52	104	35	157
Naphthalene	50	49	98	17	186
1,2,3-Trichlorobenzene	50	53	106	32	186

RESULTS: SEMIVOLATILE ORGANIC COMPOUNDS

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-1 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1625.D
Sample wt/vol: 20.308 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 4.11
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	150	U
110-86-1	Pyridine	100	U
108-95-2	Phenol	190	
62-53-3	Aniline	100	U
111-44-4	bis(2-Chloroethyl)ether	51	U
95-57-8	2-Chlorophenol	100	U
541-73-1	1,3-Dichlorobenzene	51	U
106-46-7	1,4-Dichlorobenzene	51	U
95-50-1	1,2-Dichlorobenzene	51	U
95-48-7	2-Methylphenol	51	U
108-60-1	bis(2-chloroisopropyl)ether	51	U
106-44-5	4-Methylphenol	51	U
621-64-7	n-Nitroso-di-n-propylamine	51	U
67-72-1	Hexachloroethane	51	U
98-95-3	Nitrobenzene	51	U
78-59-1	Isophorone	51	U
88-75-5	2-Nitrophenol	260	U
105-67-9	2,4-Dimethylphenol	510	U
65-85-0	Benzoic acid	770	U
111-91-1	bis(2-Chloroethoxy)methane	51	U
120-83-2	2,4-Dichlorophenol	100	U
120-82-1	1,2,4-Trichlorobenzene	51	U
91-20-3	Naphthalene	51	U
106-47-8	4-Chloroaniline	51	U
87-68-3	Hexachlorobutadiene	51	U
59-50-7	4-Chloro-3-methylphenol	260	U
91-57-6	2-Methylnaphthalene	51	U
77-47-4	Hexachlorocyclopentadiene	51	U
88-06-2	2,4,6-Trichlorophenol	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	51	U
88-74-4	2-Nitroaniline	51	U
131-11-3	Dimethyl phthalate	51	U
208-96-8	Acenaphthylene	51	U
606-20-2	2,6-Dinitrotoluene	51	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-1 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1625.D
Sample wt/vol: 20.308 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 4.11
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	51	U
83-32-9	Acenaphthene	51	U
51-28-5	2,4-Dinitrophenol	260	U
100-02-7	4-Nitrophenol	260	U
132-64-9	Dibenzofuran	51	U
121-14-2	2,4-Dinitrotoluene	51	U
84-66-2	Diethyl phthalate	51	U
86-73-7	Fluorene	51	U
7005-72-3	4-Chlorophenyl phenyl ether	51	U
100-01-6	4-Nitroaniline	51	U
534-52-1	4,6-Dinitro-2-methylphenol	260	U
86-30-6	n-Nitrosodiphenylamine	51	U
101-55-3	4-Bromophenyl phenyl ether	51	U
118-74-1	Hexachlorobenzene	51	U
87-86-5	Pentachlorophenol	260	U
85-01-8	Phenanthrene	51	U
120-12-7	Anthracene	51	U
84-74-2	Di-n-butylphthalate	420	B
206-44-0	Fluoranthene	51	U
92-87-5	Benzidine	3100	U
129-00-0	Pyrene	51	U
85-68-7	Butyl benzyl phthalate	51	U
91-94-1	3,3'-Dichlorobenzidine	51	U
56-55-3	Benzo(a)anthracene	51	U
218-01-9	Chrysene	51	U
117-81-7	bis(2-Ethylhexyl)phthalate	270	B
117-84-0	Di-n-octyl phthalate	150	U
205-99-2	Benzo(b)fluoranthene	51	U
207-08-9	Benzo(k)fluoranthene	51	U
50-32-8	Benzo(a)pyrene	51	U
193-39-5	Indeno(1,2,3-cd)pyrene	51	U
53-70-3	Dibenz(a,h)anthracene	51	U
191-24-2	Benzo(g,h,i)perylene	51	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-5 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1626.D
Sample wt/vol: 20.484 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 2.98
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	150	U
110-86-1	Pyridine	100	U
108-95-2	Phenol	180	
62-53-3	Aniline	100	U
111-44-4	bis(2-Chloroethyl)ether	50	U
95-57-8	2-Chlorophenol	100	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
95-48-7	2-Methylphenol	50	U
108-60-1	bis(2-chloroisopropyl)ether	50	U
106-44-5	4-Methylphenol	50	U
621-64-7	n-Nitroso-di-n-propylamine	50	U
67-72-1	Hexachloroethane	50	U
98-95-3	Nitrobenzene	50	U
78-59-1	Isophorone	50	U
88-75-5	2-Nitrophenol	250	U
105-67-9	2,4-Dimethylphenol	500	U
65-85-0	Benzoic acid	750	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
120-83-2	2,4-Dichlorophenol	100	U
120-82-1	1,2,4-Trichlorobenzene	50	U
91-20-3	Naphthalene	50	U
106-47-8	4-Chloroaniline	50	U
87-68-3	Hexachlorobutadiene	50	U
59-50-7	4-Chloro-3-methylphenol	250	U
91-57-6	2-Methylnaphthalene	50	U
77-47-4	Hexachlorocyclopentadiene	50	U
88-06-2	2,4,6-Trichlorophenol	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	50	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl phthalate	50	U
208-96-8	Acenaphthylene	50	U
606-20-2	2,6-Dinitrotoluene	50	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-5 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1626.D
Sample wt/vol: 20.484 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 2.98
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	50	U
51-28-5	2,4-Dinitrophenol	250	U
100-02-7	4-Nitrophenol	250	U
132-64-9	Dibenzofuran	50	U
121-14-2	2,4-Dinitrotoluene	50	U
84-66-2	Diethyl phthalate	50	U
86-73-7	Fluorene	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	250	U
86-30-6	n-Nitrosodiphenylamine	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
118-74-1	Hexachlorobenzene	50	U
87-86-5	Pentachlorophenol	250	U
85-01-8	Phenanthrene	50	U
120-12-7	Anthracene	50	U
84-74-2	Di-n-butylphthalate	230	B
206-44-0	Fluoranthene	50	U
92-87-5	Benzidine	3000	U
129-00-0	Pyrene	50	U
85-68-7	Butyl benzyl phthalate	50	U
91-94-1	3,3'-Dichlorobenzidine	50	U
56-55-3	Benzo(a)anthracene	50	U
218-01-9	Chrysene	50	U
117-81-7	bis(2-Ethylhexyl)phthalate	550	B
117-84-0	Di-n-octyl phthalate	150	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
50-32-8	Benzo(a)pyrene	50	U
193-39-5	Indeno(1,2,3-cd)pyrene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
191-24-2	Benzo(g,h,i)perylene	50	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-7 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1627.D
Sample wt/vol: 20.354 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 9.63
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	160	U
110-86-1	Pyridine	110	U
108-95-2	Phenol	240	
62-53-3	Aniline	110	U
111-44-4	bis(2-Chloroethyl)ether	55	U
95-57-8	2-Chlorophenol	110	U
541-73-1	1,3-Dichlorobenzene	55	U
106-46-7	1,4-Dichlorobenzene	1300	
95-50-1	1,2-Dichlorobenzene	55	U
95-48-7	2-Methylphenol	55	U
108-60-1	bis(2-chloroisopropyl)ether	55	U
106-44-5	4-Methylphenol	56	
621-64-7	n-Nitroso-di-n-propylamine	55	U
67-72-1	Hexachloroethane	55	U
98-95-3	Nitrobenzene	55	U
78-59-1	Isophorone	55	U
88-75-5	2-Nitrophenol	270	U
105-67-9	2,4-Dimethylphenol	550	U
65-85-0	Benzoic acid	820	U
111-91-1	bis(2-Chloroethoxy)methane	55	U
120-83-2	2,4-Dichlorophenol	110	U
120-82-1	1,2,4-Trichlorobenzene	6700	E
91-20-3	Naphthalene	55	U
106-47-8	4-Chloroaniline	55	U
87-68-3	Hexachlorobutadiene	55	U
59-50-7	4-Chloro-3-methylphenol	270	U
91-57-6	2-Methylnaphthalene	73	
77-47-4	Hexachlorocyclopentadiene	55	U
88-06-2	2,4,6-Trichlorophenol	110	U
95-95-4	2,4,5-Trichlorophenol	110	U
91-58-7	2-Chloronaphthalene	55	U
88-74-4	2-Nitroaniline	55	U
131-11-3	Dimethyl phthalate	55	U
208-96-8	Acenaphthylene	55	U
606-20-2	2,6-Dinitrotoluene	55	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-7 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1627.D
Sample wt/vol: 20.354 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 9.63
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	55	U
83-32-9	Acenaphthene	55	U
51-28-5	2,4-Dinitrophenol	270	U
100-02-7	4-Nitrophenol	270	U
132-64-9	Dibenzofuran	55	U
121-14-2	2,4-Dinitrotoluene	55	U
84-66-2	Diethyl phthalate	55	U
86-73-7	Fluorene	55	U
7005-72-3	4-Chlorophenyl phenyl ether	55	U
100-01-6	4-Nitroaniline	55	U
534-52-1	4,6-Dinitro-2-methylphenol	270	U
86-30-6	n-Nitrosodiphenylamine	55	U
101-55-3	4-Bromophenyl phenyl ether	55	U
118-74-1	Hexachlorobenzene	1400	
87-86-5	Pentachlorophenol	270	U
85-01-8	Phenanthrene	64	
120-12-7	Anthracene	55	U
84-74-2	Di-n-butylphthalate	330	B
206-44-0	Fluoranthene	55	U
92-87-5	Benzidine	3300	U
129-00-0	Pyrene	55	U
85-68-7	Butyl benzyl phthalate	55	U
91-94-1	3,3'-Dichlorobenzidine	55	U
56-55-3	Benzo(a)anthracene	55	U
218-01-9	Chrysene	55	U
117-81-7	bis(2-Ethylhexyl)phthalate	5300	B
117-84-0	Di-n-octyl phthalate	160	U
205-99-2	Benzo(b)fluoranthene	55	U
207-08-9	Benzo(k)fluoranthene	55	U
50-32-8	Benzo(a)pyrene	55	U
193-39-5	Indeno(1,2,3-cd)pyrene	55	U
53-70-3	Dibenz(a,h)anthracene	55	U
191-24-2	Benzo(g,h,i)perylene	55	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-7 0-4.dl
Matrix: (soil/water/air) SOIL
Lab File ID: MAR2004.D
Sample wt/vol: 20.354 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 9.63
Date Analyzed: 3/20/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 5.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	820	U
110-86-1	Pyridine	550	U
108-95-2	Phenol	550	U
62-53-3	Aniline	550	U
111-44-4	bis(2-Chloroethyl)ether	270	U
95-57-8	2-Chlorophenol	550	U
541-73-1	1,3-Dichlorobenzene	270	U
106-46-7	1,4-Dichlorobenzene	1200	D
95-50-1	1,2-Dichlorobenzene	270	U
95-48-7	2-Methylphenol	270	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
106-44-5	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	270	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	1400	U
105-67-9	2,4-Dimethylphenol	2700	U
65-85-0	Benzoic acid	4100	U
111-91-1	bis(2-Chloroethoxy)methane	270	U
120-83-2	2,4-Dichlorophenol	550	U
120-82-1	1,2,4-Trichlorobenzene	6800	D
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	270	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	1400	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	270	U
88-06-2	2,4,6-Trichlorophenol	550	U
95-95-4	2,4,5-Trichlorophenol	550	U
91-58-7	2-Chloronaphthalene	270	U
88-74-4	2-Nitroaniline	270	U
131-11-3	Dimethyl phthalate	270	U
208-96-8	Acenaphthylene	270	U
606-20-2	2,6-Dinitrotoluene	2400	D

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-7 0-4.dl
Matrix: (soil/water/air) SOIL
Lab File ID: MAR2004.D
Sample wt/vol: 20.354 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 9.63
Date Analyzed: 3/20/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 5.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	270	U
83-32-9	Acenaphthene	270	U
51-28-5	2,4-Dinitrophenol	1400	U
100-02-7	4-Nitrophenol	1400	U
132-64-9	Dibenzofuran	270	U
121-14-2	2,4-Dinitrotoluene	270	U
84-66-2	Diethyl phthalate	270	U
86-73-7	Fluorene	270	U
7005-72-3	4-Chlorophenyl phenyl ether	270	U
100-01-6	4-Nitroaniline	270	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	n-Nitrosodiphenylamine	270	U
101-55-3	4-Bromophenyl phenyl ether	270	U
118-74-1	Hexachlorobenzene	1300	D
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	270	U
120-12-7	Anthracene	270	U
84-74-2	Di-n-butylphthalate	300	JBD
206-44-0	Fluoranthene	270	U
92-87-5	Benzidine	16000	U
129-00-0	Pyrene	270	U
85-68-7	Butyl benzyl phthalate	270	U
91-94-1	3,3'-Dichlorobenzidine	270	U
56-55-3	Benzo(a)anthracene	270	U
218-01-9	Chrysene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	5800	BD
117-84-0	Di-n-octyl phthalate	820	U
205-99-2	Benzo(b)fluoranthene	270	U
207-08-9	Benzo(k)fluoranthene	270	U
50-32-8	Benzo(a)pyrene	270	U
193-39-5	Indeno(1,2,3-cd)pyrene	270	U
53-70-3	Dibenz(a,h)anthracene	270	U
191-24-2	Benzo(g,h,i)perylene	270	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-8 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1628.D
Sample wt/vol: 20.392 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 9.2
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	160	U
110-86-1	Pyridine	110	U
108-95-2	Phenol	260	
62-53-3	Aniline	110	U
111-44-4	bis(2-Chloroethyl)ether	54	U
95-57-8	2-Chlorophenol	110	U
541-73-1	1,3-Dichlorobenzene	54	U
106-46-7	1,4-Dichlorobenzene	54	U
95-50-1	1,2-Dichlorobenzene	54	U
95-48-7	2-Methylphenol	54	U
108-60-1	bis(2-chloroisopropyl)ether	54	U
106-44-5	4-Methylphenol	54	U
621-64-7	n-Nitroso-di-n-propylamine	54	U
67-72-1	Hexachloroethane	54	U
98-95-3	Nitrobenzene	54	U
78-59-1	Isophorone	54	U
88-75-5	2-Nitrophenol	270	U
105-67-9	2,4-Dimethylphenol	540	U
65-85-0	Benzoic acid	810	U
111-91-1	bis(2-Chloroethoxy)methane	54	U
120-83-2	2,4-Dichlorophenol	110	U
120-82-1	1,2,4-Trichlorobenzene	54	U
91-20-3	Naphthalene	54	U
106-47-8	4-Chloroaniline	54	U
87-68-3	Hexachlorobutadiene	54	U
59-50-7	4-Chloro-3-methylphenol	270	U
91-57-6	2-Methylnaphthalene	54	U
77-47-4	Hexachlorocyclopentadiene	54	U
88-06-2	2,4,6-Trichlorophenol	110	U
95-95-4	2,4,5-Trichlorophenol	110	U
91-58-7	2-Chloronaphthalene	54	U
88-74-4	2-Nitroaniline	54	U
131-11-3	Dimethyl phthalate	54	U
208-96-8	Acenaphthylene	54	U
606-20-2	2,6-Dinitrotoluene	54	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-8 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1628.D
Sample wt/vol: 20.392 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 9.2
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	54	U
83-32-9	Acenaphthene	54	U
51-28-5	2,4-Dinitrophenol	270	U
100-02-7	4-Nitrophenol	270	U
132-64-9	Dibenzofuran	54	U
121-14-2	2,4-Dinitrotoluene	54	U
84-66-2	Diethyl phthalate	54	U
86-73-7	Fluorene	54	U
7005-72-3	4-Chlorophenyl phenyl ether	54	U
100-01-6	4-Nitroaniline	54	U
534-52-1	4,6-Dinitro-2-methylphenol	270	U
86-30-6	n-Nitrosodiphenylamine	54	U
101-55-3	4-Bromophenyl phenyl ether	54	U
118-74-1	Hexachlorobenzene	54	U
87-86-5	Pentachlorophenol	270	U
85-01-8	Phenanthrene	54	U
120-12-7	Anthracene	54	U
84-74-2	Di-n-butylphthalate	420	B
206-44-0	Fluoranthene	54	U
92-87-5	Benzidine	3200	U
129-00-0	Pyrene	54	U
85-68-7	Butyl benzyl phthalate	89	
91-94-1	3,3'-Dichlorobenzidine	54	U
56-55-3	Benzo(a)anthracene	54	U
218-01-9	Chrysene	54	U
117-81-7	bis(2-Ethylhexyl)phthalate	530	B
117-84-0	Di-n-octyl phthalate	160	U
205-99-2	Benzo(b)fluoranthene	54	U
207-08-9	Benzo(k)fluoranthene	54	U
50-32-8	Benzo(a)pyrene	54	U
193-39-5	Indeno(1,2,3-cd)pyrene	54	U
53-70-3	Dibenz(a,h)anthracene	54	U
191-24-2	Benzo(g,h,i)perylene	54	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-8 4-8
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1629.D
Sample wt/vol: 20.057 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 6
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	160	U
110-86-1	Pyridine	110	U
108-95-2	Phenol	220	
62-53-3	Aniline	110	U
111-44-4	bis(2-Chloroethyl)ether	53	U
95-57-8	2-Chlorophenol	110	U
541-73-1	1,3-Dichlorobenzene	53	U
106-46-7	1,4-Dichlorobenzene	53	U
95-50-1	1,2-Dichlorobenzene	53	U
95-48-7	2-Methylphenol	53	U
108-60-1	bis(2-chloroisopropyl)ether	53	U
106-44-5	4-Methylphenol	53	U
621-64-7	n-Nitroso-di-n-propylamine	53	U
67-72-1	Hexachloroethane	53	U
98-95-3	Nitrobenzene	53	U
78-59-1	Isophorone	53	U
88-75-5	2-Nitrophenol	270	U
105-67-9	2,4-Dimethylphenol	530	U
65-85-0	Benzoic acid	800	U
111-91-1	bis(2-Chloroethoxy)methane	53	U
120-83-2	2,4-Dichlorophenol	110	U
120-82-1	1,2,4-Trichlorobenzene	53	U
91-20-3	Naphthalene	53	U
106-47-8	4-Chloroaniline	53	U
87-68-3	Hexachlorobutadiene	53	U
59-50-7	4-Chloro-3-methylphenol	270	U
91-57-6	2-Methylnaphthalene	53	U
77-47-4	Hexachlorocyclopentadiene	53	U
88-06-2	2,4,6-Trichlorophenol	110	U
95-95-4	2,4,5-Trichlorophenol	110	U
91-58-7	2-Chloronaphthalene	53	U
88-74-4	2-Nitroaniline	53	U
131-11-3	Dimethyl phthalate	53	U
208-96-8	Acenaphthylene	53	U
606-20-2	2,6-Dinitrotoluene	53	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-8 4-8
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1629.D
Sample wt/vol: 20.057 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 6
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	53	U
83-32-9	Acenaphthene	53	U
51-28-5	2,4-Dinitrophenol	270	U
100-02-7	4-Nitrophenol	270	U
132-64-9	Dibenzofuran	53	U
121-14-2	2,4-Dinitrotoluene	53	U
84-66-2	Diethyl phthalate	53	U
86-73-7	Fluorene	53	U
7005-72-3	4-Chlorophenyl phenyl ether	53	U
100-01-6	4-Nitroaniline	53	U
534-52-1	4,6-Dinitro-2-methylphenol	270	U
86-30-6	n-Nitrosodiphenylamine	53	U
101-55-3	4-Bromophenyl phenyl ether	88	
118-74-1	Hexachlorobenzene	53	U
87-86-5	Pentachlorophenol	270	U
85-01-8	Phenanthrene	53	U
120-12-7	Anthracene	53	U
84-74-2	Di-n-butylphthalate	560	B
206-44-0	Fluoranthene	53	U
92-87-5	Benzidine	3200	U
129-00-0	Pyrene	53	U
85-68-7	Butyl benzyl phthalate	53	U
91-94-1	3,3'-Dichlorobenzidine	53	U
56-55-3	Benzo(a)anthracene	53	U
218-01-9	Chrysene	53	U
117-81-7	bis(2-Ethylhexyl)phthalate	270	B
117-84-0	Di-n-octyl phthalate	160	U
205-99-2	Benzo(b)fluoranthene	53	U
207-08-9	Benzo(k)fluoranthene	53	U
50-32-8	Benzo(a)pyrene	53	U
193-39-5	Indeno(1,2,3-cd)pyrene	53	U
53-70-3	Dibenz(a,h)anthracene	53	U
191-24-2	Benzo(g,h,i)perylene	53	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-9 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1630.D
Sample wt/vol: 20.521 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 5.27
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	150	U
110-86-1	Pyridine	100	U
108-95-2	Phenol	170	
62-53-3	Aniline	100	U
111-44-4	bis(2-Chloroethyl)ether	51	U
95-57-8	2-Chlorophenol	100	U
541-73-1	1,3-Dichlorobenzene	51	U
106-46-7	1,4-Dichlorobenzene	51	U
95-50-1	1,2-Dichlorobenzene	51	U
95-48-7	2-Methylphenol	51	U
108-60-1	bis(2-chloroisopropyl)ether	51	U
106-44-5	4-Methylphenol	51	U
621-64-7	n-Nitroso-di-n-propylamine	51	U
67-72-1	Hexachloroethane	51	U
98-95-3	Nitrobenzene	51	U
78-59-1	Isophorone	51	U
88-75-5	2-Nitrophenol	260	U
105-67-9	2,4-Dimethylphenol	510	U
65-85-0	Benzoic acid	84	J
111-91-1	bis(2-Chloroethoxy)methane	51	U
120-83-2	2,4-Dichlorophenol	100	U
120-82-1	1,2,4-Trichlorobenzene	51	U
91-20-3	Naphthalene	51	U
106-47-8	4-Chloroaniline	51	U
87-68-3	Hexachlorobutadiene	51	U
59-50-7	4-Chloro-3-methylphenol	260	U
91-57-6	2-Methylnaphthalene	51	U
77-47-4	Hexachlorocyclopentadiene	51	U
88-06-2	2,4,6-Trichlorophenol	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	51	U
88-74-4	2-Nitroaniline	51	U
131-11-3	Dimethyl phthalate	51	U
208-96-8	Acenaphthylene	51	U
606-20-2	2,6-Dinitrotoluene	51	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-9 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1630.D
Sample wt/vol: 20.521 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 5.27
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	51	U
83-32-9	Acenaphthene	51	U
51-28-5	2,4-Dinitrophenol	260	U
100-02-7	4-Nitrophenol	260	U
132-64-9	Dibenzofuran	51	U
121-14-2	2,4-Dinitrotoluene	51	U
84-66-2	Diethyl phthalate	51	U
86-73-7	Fluorene	51	U
7005-72-3	4-Chlorophenyl phenyl ether	51	U
100-01-6	4-Nitroaniline	51	U
534-52-1	4,6-Dinitro-2-methylphenol	260	U
86-30-6	n-Nitrosodiphenylamine	51	U
101-55-3	4-Bromophenyl phenyl ether	51	U
118-74-1	Hexachlorobenzene	51	U
87-86-5	Pentachlorophenol	260	U
85-01-8	Phenanthrene	51	U
120-12-7	Anthracene	51	U
84-74-2	Di-n-butylphthalate	420	B
206-44-0	Fluoranthene	51	U
92-87-5	Benzidine	3100	U
129-00-0	Pyrene	51	U
85-68-7	Butyl benzyl phthalate	230	
91-94-1	3,3'-Dichlorobenzidine	51	U
56-55-3	Benzo(a)anthracene	51	U
218-01-9	Chrysene	51	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	B
117-84-0	Di-n-octyl phthalate	150	U
205-99-2	Benzo(b)fluoranthene	51	U
207-08-9	Benzo(k)fluoranthene	51	U
50-32-8	Benzo(a)pyrene	51	U
193-39-5	Indeno(1,2,3-cd)pyrene	51	U
53-70-3	Dibenz(a,h)anthracene	51	U
191-24-2	Benzo(g,h,i)perylene	51	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-9 4-8
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1631.D
Sample wt/vol: 20.366 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 6.88
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	160	U
110-86-1	Pyridine	110	U
108-95-2	Phenol	170	
62-53-3	Aniline	110	U
111-44-4	bis(2-Chloroethyl)ether	53	U
95-57-8	2-Chlorophenol	110	U
541-73-1	1,3-Dichlorobenzene	53	U
106-46-7	1,4-Dichlorobenzene	53	U
95-50-1	1,2-Dichlorobenzene	53	U
95-48-7	2-Methylphenol	53	U
108-60-1	bis(2-chloroisopropyl)ether	53	U
106-44-5	4-Methylphenol	53	U
621-64-7	n-Nitroso-di-n-propylamine	53	U
67-72-1	Hexachloroethane	53	U
98-95-3	Nitrobenzene	53	U
78-59-1	Isophorone	53	U
88-75-5	2-Nitrophenol	260	U
105-67-9	2,4-Dimethylphenol	530	U
65-85-0	Benzoic acid	790	U
111-91-1	bis(2-Chloroethoxy)methane	53	U
120-83-2	2,4-Dichlorophenol	110	U
120-82-1	1,2,4-Trichlorobenzene	53	U
91-20-3	Naphthalene	53	U
106-47-8	4-Chloroaniline	53	U
87-68-3	Hexachlorobutadiene	53	U
59-50-7	4-Chloro-3-methylphenol	260	U
91-57-6	2-Methylnaphthalene	53	U
77-47-4	Hexachlorocyclopentadiene	53	U
88-06-2	2,4,6-Trichlorophenol	110	U
95-95-4	2,4,5-Trichlorophenol	110	U
91-58-7	2-Chloronaphthalene	53	U
88-74-4	2-Nitroaniline	53	U
131-11-3	Dimethyl phthalate	53	U
208-96-8	Acenaphthylene	53	U
606-20-2	2,6-Dinitrotoluene	53	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-9 4-8
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1631.D
Sample wt/vol: 20.366 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 6.88
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	53	U
83-32-9	Acenaphthene	53	U
51-28-5	2,4-Dinitrophenol	260	U
100-02-7	4-Nitrophenol	260	U
132-64-9	Dibenzofuran	53	U
121-14-2	2,4-Dinitrotoluene	53	U
84-66-2	Diethyl phthalate	53	U
86-73-7	Fluorene	53	U
7005-72-3	4-Chlorophenyl phenyl ether	53	U
100-01-6	4-Nitroaniline	53	U
534-52-1	4,6-Dinitro-2-methylphenol	260	U
86-30-6	n-Nitrosodiphenylamine	53	U
101-55-3	4-Bromophenyl phenyl ether	53	U
118-74-1	Hexachlorobenzene	53	U
87-86-5	Pentachlorophenol	260	U
85-01-8	Phenanthrene	53	U
120-12-7	Anthracene	53	U
84-74-2	Di-n-butylphthalate	230	B
206-44-0	Fluoranthene	53	U
92-87-5	Benzidine	3200	U
129-00-0	Pyrene	53	U
85-68-7	Butyl benzyl phthalate	53	U
91-94-1	3,3'-Dichlorobenzidine	53	U
56-55-3	Benzo(a)anthracene	53	U
218-01-9	Chrysene	53	U
117-81-7	bis(2-Ethylhexyl)phthalate	270	B
117-84-0	Di-n-octyl phthalate	160	U
205-99-2	Benzo(b)fluoranthene	53	U
207-08-9	Benzo(k)fluoranthene	53	U
50-32-8	Benzo(a)pyrene	53	U
193-39-5	Indeno(1,2,3-cd)pyrene	53	U
53-70-3	Dibenz(a,h)anthracene	53	U
191-24-2	Benzo(g,h,i)perylene	53	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-10 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1632.D
Sample wt/vol: 20.235 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 12.87
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	170	U
110-86-1	Pyridine	110	U
108-95-2	Phenol	260	
62-53-3	Aniline	110	U
111-44-4	bis(2-Chloroethyl)ether	57	U
95-57-8	2-Chlorophenol	110	U
541-73-1	1,3-Dichlorobenzene	57	U
106-46-7	1,4-Dichlorobenzene	57	U
95-50-1	1,2-Dichlorobenzene	57	U
95-48-7	2-Methylphenol	57	U
108-60-1	bis(2-chloroisopropyl)ether	57	U
106-44-5	4-Methylphenol	57	U
621-64-7	n-Nitroso-di-n-propylamine	57	U
67-72-1	Hexachloroethane	57	U
98-95-3	Nitrobenzene	57	U
78-59-1	Isophorone	57	U
88-75-5	2-Nitrophenol	280	U
105-67-9	2,4-Dimethylphenol	570	U
65-85-0	Benzoic acid	850	U
111-91-1	bis(2-Chloroethoxy)methane	57	U
120-83-2	2,4-Dichlorophenol	110	U
120-82-1	1,2,4-Trichlorobenzene	57	U
91-20-3	Naphthalene	57	U
106-47-8	4-Chloroaniline	57	U
87-68-3	Hexachlorobutadiene	57	U
59-50-7	4-Chloro-3-methylphenol	280	U
91-57-6	2-Methylnaphthalene	57	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	110	U
95-95-4	2,4,5-Trichlorophenol	110	U
91-58-7	2-Chloronaphthalene	57	U
88-74-4	2-Nitroaniline	57	U
131-11-3	Dimethyl phthalate	57	U
208-96-8	Acenaphthylene	57	U
606-20-2	2,6-Dinitrotoluene	57	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-10 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1632.D
Sample wt/vol: 20.235 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 12.87
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	57	U
83-32-9	Acenaphthene	57	U
51-28-5	2,4-Dinitrophenol	280	U
100-02-7	4-Nitrophenol	280	U
132-64-9	Dibenzofuran	57	U
121-14-2	2,4-Dinitrotoluene	57	U
84-66-2	Diethyl phthalate	57	U
86-73-7	Fluorene	57	U
7005-72-3	4-Chlorophenyl phenyl ether	57	U
100-01-6	4-Nitroaniline	57	U
534-52-1	4,6-Dinitro-2-methylphenol	280	U
86-30-6	n-Nitrosodiphenylamine	57	U
101-55-3	4-Bromophenyl phenyl ether	57	U
118-74-1	Hexachlorobenzene	57	U
87-86-5	Pentachlorophenol	280	U
85-01-8	Phenanthrene	57	U
120-12-7	Anthracene	57	U
84-74-2	Di-n-butylphthalate	320	B
206-44-0	Fluoranthene	83	
92-87-5	Benzidine	3400	U
129-00-0	Pyrene	65	
85-68-7	Butyl benzyl phthalate	57	U
91-94-1	3,3'-Dichlorobenzidine	57	U
56-55-3	Benzo(a)anthracene	62	
218-01-9	Chrysene	57	U
117-81-7	bis(2-Ethylhexyl)phthalate	100000	EB
117-84-0	Di-n-octyl phthalate	170	U
205-99-2	Benzo(b)fluoranthene	57	U
207-08-9	Benzo(k)fluoranthene	57	U
50-32-8	Benzo(a)pyrene	57	U
193-39-5	Indeno(1,2,3-cd)pyrene	57	U
53-70-3	Dibenz(a,h)anthracene	57	U
191-24-2	Benzo(g,h,i)perylene	57	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-10 0-4.dl
Matrix: (soil/water/air) SOIL
Lab File ID: MAR2007.D
Sample wt/vol: 20.235 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 12.87
Date Analyzed: 3/20/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1000.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	170000	U
110-86-1	Pyridine	110000	U
108-95-2	Phenol	110000	U
62-53-3	Aniline	110000	U
111-44-4	bis(2-Chloroethyl)ether	57000	U
95-57-8	2-Chlorophenol	110000	U
541-73-1	1,3-Dichlorobenzene	57000	U
106-46-7	1,4-Dichlorobenzene	57000	U
95-50-1	1,2-Dichlorobenzene	57000	U
95-48-7	2-Methylphenol	57000	U
108-60-1	bis(2-chloroisopropyl)ether	57000	U
106-44-5	4-Methylphenol	57000	U
621-64-7	n-Nitroso-di-n-propylamine	57000	U
67-72-1	Hexachloroethane	57000	U
98-95-3	Nitrobenzene	57000	U
78-59-1	Isophorone	57000	U
88-75-5	2-Nitrophenol	280000	U
105-67-9	2,4-Dimethylphenol	570000	U
65-85-0	Benzoic acid	850000	U
111-91-1	bis(2-Chloroethoxy)methane	57000	U
120-83-2	2,4-Dichlorophenol	110000	U
120-82-1	1,2,4-Trichlorobenzene	57000	U
91-20-3	Naphthalene	57000	U
106-47-8	4-Chloroaniline	57000	U
87-68-3	Hexachlorobutadiene	57000	U
59-50-7	4-Chloro-3-methylphenol	280000	U
91-57-6	2-Methylnaphthalene	57000	U
77-47-4	Hexachlorocyclopentadiene	57000	U
88-06-2	2,4,6-Trichlorophenol	110000	U
95-95-4	2,4,5-Trichlorophenol	110000	U
91-58-7	2-Chloronaphthalene	57000	U
88-74-4	2-Nitroaniline	57000	U
131-11-3	Dimethyl phthalate	57000	U
208-96-8	Acenaphthylene	57000	U
606-20-2	2,6-Dinitrotoluene	57000	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-10 0-4.dl
Matrix: (soil/water/air) SOIL
Lab File ID: MAR2007.D
Sample wt/vol: 20.235 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 12.87
Date Analyzed: 3/20/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1000.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	57000	U
83-32-9	Acenaphthene	57000	U
51-28-5	2,4-Dinitrophenol	280000	U
100-02-7	4-Nitrophenol	280000	U
132-64-9	Dibenzofuran	57000	U
121-14-2	2,4-Dinitrotoluene	57000	U
84-66-2	Diethyl phthalate	57000	U
86-73-7	Fluorene	57000	U
7005-72-3	4-Chlorophenyl phenyl ether	57000	U
100-01-6	4-Nitroaniline	57000	U
534-52-1	4,6-Dinitro-2-methylphenol	280000	U
86-30-6	n-Nitrosodiphenylamine	57000	U
101-55-3	4-Bromophenyl phenyl ether	57000	U
118-74-1	Hexachlorobenzene	57000	U
87-86-5	Pentachlorophenol	280000	U
85-01-8	Phenanthrene	57000	U
120-12-7	Anthracene	57000	U
84-74-2	Di-n-butylphthalate	170000	U
206-44-0	Fluoranthene	57000	U
92-87-5	Benzidine	3400000	U
129-00-0	Pyrene	57000	U
85-68-7	Butyl benzyl phthalate	57000	U
91-94-1	3,3'-Dichlorobenzidine	57000	U
56-55-3	Benzo(a)anthracene	57000	U
218-01-9	Chrysene	57000	U
117-81-7	bis(2-Ethylhexyl)phthalate	4600000	BD
117-84-0	Di-n-octyl phthalate	170000	U
205-99-2	Benzo(b)fluoranthene	57000	U
207-08-9	Benzo(k)fluoranthene	57000	U
50-32-8	Benzo(a)pyrene	57000	U
193-39-5	Indeno(1,2,3-cd)pyrene	57000	U
53-70-3	Dibenz(a,h)anthracene	57000	U
191-24-2	Benzo(g,h,i)perylene	57000	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-11 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1633.D
Sample wt/vol: 20.508 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 4.1
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	150	U
110-86-1	Pyridine	100	U
108-95-2	Phenol	270	
62-53-3	Aniline	100	U
111-44-4	bis(2-Chloroethyl)ether	51	U
95-57-8	2-Chlorophenol	100	U
541-73-1	1,3-Dichlorobenzene	51	U
106-46-7	1,4-Dichlorobenzene	51	U
95-50-1	1,2-Dichlorobenzene	51	U
95-48-7	2-Methylphenol	51	U
108-60-1	bis(2-chloroisopropyl)ether	51	U
106-44-5	4-Methylphenol	51	U
621-64-7	n-Nitroso-di-n-propylamine	51	U
67-72-1	Hexachloroethane	51	U
98-95-3	Nitrobenzene	51	U
78-59-1	Isophorone	51	U
88-75-5	2-Nitrophenol	250	U
105-67-9	2,4-Dimethylphenol	510	U
65-85-0	Benzoic acid	760	U
111-91-1	bis(2-Chloroethoxy)methane	51	U
120-83-2	2,4-Dichlorophenol	100	U
120-82-1	1,2,4-Trichlorobenzene	51	U
91-20-3	Naphthalene	51	U
106-47-8	4-Chloroaniline	51	U
87-68-3	Hexachlorobutadiene	51	U
59-50-7	4-Chloro-3-methylphenol	250	U
91-57-6	2-Methylnaphthalene	51	U
77-47-4	Hexachlorocyclopentadiene	51	U
88-06-2	2,4,6-Trichlorophenol	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	51	U
88-74-4	2-Nitroaniline	51	U
131-11-3	Dimethyl phthalate	51	U
208-96-8	Acenaphthylene	51	U
606-20-2	2,6-Dinitrotoluene	51	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-11 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1633.D
Sample wt/vol: 20.508 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 4.1
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	51	U
83-32-9	Acenaphthene	51	U
51-28-5	2,4-Dinitrophenol	250	U
100-02-7	4-Nitrophenol	250	U
132-64-9	Dibenzofuran	51	U
121-14-2	2,4-Dinitrotoluene	51	U
84-66-2	Diethyl phthalate	51	U
86-73-7	Fluorene	51	U
7005-72-3	4-Chlorophenyl phenyl ether	51	U
100-01-6	4-Nitroaniline	51	U
534-52-1	4,6-Dinitro-2-methylphenol	250	U
86-30-6	n-Nitrosodiphenylamine	51	U
101-55-3	4-Bromophenyl phenyl ether	51	U
118-74-1	Hexachlorobenzene	51	U
87-86-5	Pentachlorophenol	250	U
85-01-8	Phenanthrene	51	U
120-12-7	Anthracene	51	U
84-74-2	Di-n-butylphthalate	210	B
206-44-0	Fluoranthene	51	U
92-87-5	Benzidine	3000	U
129-00-0	Pyrene	51	U
85-68-7	Butyl benzyl phthalate	51	U
91-94-1	3,3'-Dichlorobenzidine	51	U
56-55-3	Benzo(a)anthracene	51	U
218-01-9	Chrysene	51	U
117-81-7	bis(2-Ethylhexyl)phthalate	5200	B
117-84-0	Di-n-octyl phthalate	150	U
205-99-2	Benzo(b)fluoranthene	51	U
207-08-9	Benzo(k)fluoranthene	51	U
50-32-8	Benzo(a)pyrene	51	U
193-39-5	Indeno(1,2,3-cd)pyrene	51	U
53-70-3	Dibenz(a,h)anthracene	51	U
191-24-2	Benzo(g,h,i)perylene	51	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-11 4-8
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1634.D
Sample wt/vol: 20.666 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 14.69
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	170	U
110-86-1	Pyridine	110	U
108-95-2	Phenol	240	
62-53-3	Aniline	110	U
111-44-4	bis(2-Chloroethyl)ether	57	U
95-57-8	2-Chlorophenol	110	U
541-73-1	1,3-Dichlorobenzene	57	U
106-46-7	1,4-Dichlorobenzene	57	U
95-50-1	1,2-Dichlorobenzene	57	U
95-48-7	2-Methylphenol	57	U
108-60-1	bis(2-chloroisopropyl)ether	57	U
106-44-5	4-Methylphenol	57	U
621-64-7	n-Nitroso-di-n-propylamine	57	U
67-72-1	Hexachloroethane	57	U
98-95-3	Nitrobenzene	57	U
78-59-1	Isophorone	57	U
88-75-5	2-Nitrophenol	280	U
105-67-9	2,4-Dimethylphenol	570	U
65-85-0	Benzoic acid	850	U
111-91-1	bis(2-Chloroethoxy)methane	57	U
120-83-2	2,4-Dichlorophenol	110	U
120-82-1	1,2,4-Trichlorobenzene	57	U
91-20-3	Naphthalene	57	U
106-47-8	4-Chloroaniline	57	U
87-68-3	Hexachlorobutadiene	57	U
59-50-7	4-Chloro-3-methylphenol	280	U
91-57-6	2-Methylnaphthalene	64	
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	110	U
95-95-4	2,4,5-Trichlorophenol	110	U
91-58-7	2-Chloronaphthalene	57	U
88-74-4	2-Nitroaniline	57	U
131-11-3	Dimethyl phthalate	57	U
208-96-8	Acenaphthylene	57	U
606-20-2	2,6-Dinitrotoluene	57	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-11 4-8
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1634.D
Sample wt/vol: 20.666 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 14.69
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	57	U
83-32-9	Acenaphthene	57	U
51-28-5	2,4-Dinitrophenol	280	U
100-02-7	4-Nitrophenol	280	U
132-64-9	Dibenzofuran	57	U
121-14-2	2,4-Dinitrotoluene	57	U
84-66-2	Diethyl phthalate	57	U
86-73-7	Fluorene	57	U
7005-72-3	4-Chlorophenyl phenyl ether	57	U
100-01-6	4-Nitroaniline	57	U
534-52-1	4,6-Dinitro-2-methylphenol	280	U
86-30-6	n-Nitrosodiphenylamine	57	U
101-55-3	4-Bromophenyl phenyl ether	57	U
118-74-1	Hexachlorobenzene	57	U
87-86-5	Pentachlorophenol	280	U
85-01-8	Phenanthrene	110	
120-12-7	Anthracene	57	U
84-74-2	Di-n-butylphthalate	380	B
206-44-0	Fluoranthene	88	
92-87-5	Benzidine	3400	U
129-00-0	Pyrene	81	
85-68-7	Butyl benzyl phthalate	57	U
91-94-1	3,3'-Dichlorobenzidine	57	U
56-55-3	Benzo(a)anthracene	57	U
218-01-9	Chrysene	70	
117-81-7	bis(2-Ethylhexyl)phthalate	500	B
117-84-0	Di-n-octyl phthalate	170	U
205-99-2	Benzo(b)fluoranthene	75	
207-08-9	Benzo(k)fluoranthene	57	U
50-32-8	Benzo(a)pyrene	57	U
193-39-5	Indeno(1,2,3-cd)pyrene	57	U
53-70-3	Dibenz(a,h)anthracene	57	U
191-24-2	Benzo(g,h,i)perylene	57	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-12 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1635.D
Sample wt/vol: 20.104 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 9.4
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	160	U
110-86-1	Pyridine	110	U
108-95-2	Phenol	330	
62-53-3	Aniline	110	U
111-44-4	bis(2-Chloroethyl)ether	55	U
95-57-8	2-Chlorophenol	110	U
541-73-1	1,3-Dichlorobenzene	55	U
106-46-7	1,4-Dichlorobenzene	55	U
95-50-1	1,2-Dichlorobenzene	55	U
95-48-7	2-Methylphenol	55	U
108-60-1	bis(2-chloroisopropyl)ether	55	U
106-44-5	4-Methylphenol	55	U
621-64-7	n-Nitroso-di-n-propylamine	55	U
67-72-1	Hexachloroethane	55	U
98-95-3	Nitrobenzene	55	U
78-59-1	Isophorone	55	U
88-75-5	2-Nitrophenol	270	U
105-67-9	2,4-Dimethylphenol	550	U
65-85-0	Benzoic acid	820	U
111-91-1	bis(2-Chloroethoxy)methane	55	U
120-83-2	2,4-Dichlorophenol	110	U
120-82-1	1,2,4-Trichlorobenzene	55	U
91-20-3	Naphthalene	55	U
106-47-8	4-Chloroaniline	55	U
87-68-3	Hexachlorobutadiene	55	U
59-50-7	4-Chloro-3-methylphenol	270	U
91-57-6	2-Methylnaphthalene	55	U
77-47-4	Hexachlorocyclopentadiene	55	U
88-06-2	2,4,6-Trichlorophenol	110	U
95-95-4	2,4,5-Trichlorophenol	110	U
91-58-7	2-Chloronaphthalene	55	U
88-74-4	2-Nitroaniline	55	U
131-11-3	Dimethyl phthalate	55	U
208-96-8	Acenaphthylene	55	U
606-20-2	2,6-Dinitrotoluene	55	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-12 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1635.D
Sample wt/vol: 20.104 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 9.4
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	55	U
83-32-9	Acenaphthene	55	U
51-28-5	2,4-Dinitrophenol	270	U
100-02-7	4-Nitrophenol	270	U
132-64-9	Dibenzofuran	55	U
121-14-2	2,4-Dinitrotoluene	55	U
84-66-2	Diethyl phthalate	55	U
86-73-7	Fluorene	55	U
7005-72-3	4-Chlorophenyl phenyl ether	55	U
100-01-6	4-Nitroaniline	55	U
534-52-1	4,6-Dinitro-2-methylphenol	270	U
86-30-6	n-Nitrosodiphenylamine	55	U
101-55-3	4-Bromophenyl phenyl ether	55	U
118-74-1	Hexachlorobenzene	55	U
87-86-5	Pentachlorophenol	270	U
85-01-8	Phenanthrene	55	U
120-12-7	Anthracene	55	U
84-74-2	Di-n-butylphthalate	350	B
206-44-0	Fluoranthene	55	U
92-87-5	Benzidine	3300	U
129-00-0	Pyrene	55	U
85-68-7	Butyl benzyl phthalate	55	U
91-94-1	3,3'-Dichlorobenzidine	55	U
56-55-3	Benzo(a)anthracene	55	U
218-01-9	Chrysene	55	U
117-81-7	bis(2-Ethylhexyl)phthalate	6600	B
117-84-0	Di-n-octyl phthalate	610	
205-99-2	Benzo(b)fluoranthene	55	U
207-08-9	Benzo(k)fluoranthene	55	U
50-32-8	Benzo(a)pyrene	55	U
193-39-5	Indeno(1,2,3-cd)pyrene	55	U
53-70-3	Dibenz(a,h)anthracene	55	U
191-24-2	Benzo(g,h,i)perylene	55	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-12 4-7
Matrix: (soil/water/air) SOIL
Lab File ID: MAR2016.D
Sample wt/vol: 20.757 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/20/2006
% Moisture: 11.62
Date Analyzed: 3/21/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	160	U
110-86-1	Pyridine	110	U
108-95-2	Phenol	70	J
62-53-3	Aniline	110	U
111-44-4	bis(2-Chloroethyl)ether	55	U
95-57-8	2-Chlorophenol	110	U
541-73-1	1,3-Dichlorobenzene	55	U
106-46-7	1,4-Dichlorobenzene	55	U
95-50-1	1,2-Dichlorobenzene	55	U
95-48-7	2-Methylphenol	55	U
108-60-1	bis(2-chloroisopropyl)ether	55	U
106-44-5	4-Methylphenol	55	U
621-64-7	n-Nitroso-di-n-propylamine	55	U
67-72-1	Hexachloroethane	55	U
98-95-3	Nitrobenzene	55	U
78-59-1	Isophorone	55	U
88-75-5	2-Nitrophenol	270	U
105-67-9	2,4-Dimethylphenol	550	U
65-85-0	Benzoic acid	820	U
111-91-1	bis(2-Chloroethoxy)methane	55	U
120-83-2	2,4-Dichlorophenol	110	U
120-82-1	1,2,4-Trichlorobenzene	55	U
91-20-3	Naphthalene	55	U
106-47-8	4-Chloroaniline	55	U
87-68-3	Hexachlorobutadiene	55	U
59-50-7	4-Chloro-3-methylphenol	270	U
91-57-6	2-Methylnaphthalene	55	U
77-47-4	Hexachlorocyclopentadiene	55	U
88-06-2	2,4,6-Trichlorophenol	110	U
95-95-4	2,4,5-Trichlorophenol	110	U
91-58-7	2-Chloronaphthalene	55	U
88-74-4	2-Nitroaniline	55	U
131-11-3	Dimethyl phthalate	55	U
208-96-8	Acenaphthylene	55	U
606-20-2	2,6-Dinitrotoluene	55	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-12 4-7
Matrix: (soil/water/air) SOIL
Lab File ID: MAR2016.D
Sample wt/vol: 20.757 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/20/2006
% Moisture: 11.62
Date Analyzed: 3/21/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	55	U
83-32-9	Acenaphthene	55	U
51-28-5	2,4-Dinitrophenol	270	U
100-02-7	4-Nitrophenol	270	U
132-64-9	Dibenzofuran	55	U
121-14-2	2,4-Dinitrotoluene	55	U
84-66-2	Diethyl phthalate	55	U
86-73-7	Fluorene	55	U
7005-72-3	4-Chlorophenyl phenyl ether	55	U
100-01-6	4-Nitroaniline	55	U
534-52-1	4,6-Dinitro-2-methylphenol	270	U
86-30-6	n-Nitrosodiphenylamine	55	U
101-55-3	4-Bromophenyl phenyl ether	55	U
118-74-1	Hexachlorobenzene	55	U
87-86-5	Pentachlorophenol	270	U
85-01-8	Phenanthrene	55	U
120-12-7	Anthracene	55	U
84-74-2	Di-n-butylphthalate	410	B
206-44-0	Fluoranthene	55	U
92-87-5	Benzidine	3300	U
129-00-0	Pyrene	55	U
85-68-7	Butyl benzyl phthalate	55	U
91-94-1	3,3'-Dichlorobenzidine	55	U
56-55-3	Benzo(a)anthracene	55	U
218-01-9	Chrysene	55	U
117-81-7	bis(2-Ethylhexyl)phthalate	9100	EB
117-84-0	Di-n-octyl phthalate	160	U
205-99-2	Benzo(b)fluoranthene	55	U
207-08-9	Benzo(k)fluoranthene	55	U
50-32-8	Benzo(a)pyrene	55	U
193-39-5	Indeno(1,2,3-cd)pyrene	55	U
53-70-3	Dibenz(a,h)anthracene	55	U
191-24-2	Benzo(g,h,i)perylene	55	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-12 4-7.dl
Matrix: (soil/water/air) SOIL
Lab File ID: MAR2017.D
Sample wt/vol: 20.757 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 11.62
Date Analyzed: 3/21/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 100.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	16000	U
110-86-1	Pyridine	11000	U
108-95-2	Phenol	11000	U
62-53-3	Aniline	11000	U
111-44-4	bis(2-Chloroethyl)ether	5500	U
95-57-8	2-Chlorophenol	11000	U
541-73-1	1,3-Dichlorobenzene	5500	U
106-46-7	1,4-Dichlorobenzene	5500	U
95-50-1	1,2-Dichlorobenzene	5500	U
95-48-7	2-Methylphenol	5500	U
108-60-1	bis(2-chloroisopropyl)ether	5500	U
106-44-5	4-Methylphenol	5500	U
621-64-7	n-Nitroso-di-n-propylamine	5500	U
67-72-1	Hexachloroethane	5500	U
98-95-3	Nitrobenzene	5500	U
78-59-1	Isophorone	5500	U
88-75-5	2-Nitrophenol	27000	U
105-67-9	2,4-Dimethylphenol	55000	U
65-85-0	Benzoic acid	82000	U
111-91-1	bis(2-Chloroethoxy)methane	5500	U
120-83-2	2,4-Dichlorophenol	11000	U
120-82-1	1,2,4-Trichlorobenzene	5500	U
91-20-3	Naphthalene	5500	U
106-47-8	4-Chloroaniline	5500	U
87-68-3	Hexachlorobutadiene	5500	U
59-50-7	4-Chloro-3-methylphenol	27000	U
91-57-6	2-Methylnaphthalene	5500	U
77-47-4	Hexachlorocyclopentadiene	5500	U
88-06-2	2,4,6-Trichlorophenol	11000	U
95-95-4	2,4,5-Trichlorophenol	11000	U
91-58-7	2-Chloronaphthalene	5500	U
88-74-4	2-Nitroaniline	5500	U
131-11-3	Dimethyl phthalate	5500	U
208-96-8	Acenaphthylene	5500	U
606-20-2	2,6-Dinitrotoluene	5500	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-12 4-7.dl
Matrix: (soil/water/air) SOIL
Lab File ID: MAR2017.D
Sample wt/vol: 20.757 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 11.62
Date Analyzed: 3/21/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 100.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	5500	U
83-32-9	Acenaphthene	5500	U
51-28-5	2,4-Dinitrophenol	27000	U
100-02-7	4-Nitrophenol	27000	U
132-64-9	Dibenzofuran	5500	U
121-14-2	2,4-Dinitrotoluene	5500	U
84-66-2	Diethyl phthalate	5500	U
86-73-7	Fluorene	5500	U
7005-72-3	4-Chlorophenyl phenyl ether	5500	U
100-01-6	4-Nitroaniline	5500	U
534-52-1	4,6-Dinitro-2-methylphenol	27000	U
86-30-6	n-Nitrosodiphenylamine	5500	U
101-55-3	4-Bromophenyl phenyl ether	5500	U
118-74-1	Hexachlorobenzene	5500	U
87-86-5	Pentachlorophenol	27000	U
85-01-8	Phenanthrene	5500	U
120-12-7	Anthracene	5500	U
84-74-2	Di-n-butylphthalate	16000	U
206-44-0	Fluoranthene	5500	U
92-87-5	Benzidine	330000	U
129-00-0	Pyrene	5500	U
85-68-7	Butyl benzyl phthalate	5500	U
91-94-1	3,3'-Dichlorobenzidine	5500	U
56-55-3	Benzo(a)anthracene	5500	U
218-01-9	Chrysene	5500	U
117-81-7	bis(2-Ethylhexyl)phthalate	9300	BD
117-84-0	Di-n-octyl phthalate	16000	U
205-99-2	Benzo(b)fluoranthene	5500	U
207-08-9	Benzo(k)fluoranthene	5500	U
50-32-8	Benzo(a)pyrene	5500	U
193-39-5	Indeno(1,2,3-cd)pyrene	5500	U
53-70-3	Dibenz(a,h)anthracene	5500	U
191-24-2	Benzo(g,h,i)perylene	5500	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-13 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1639.D
Sample wt/vol: 20.085 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 6.83
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	160	U
110-86-1	Pyridine	110	U
108-95-2	Phenol	210	
62-53-3	Aniline	110	U
111-44-4	bis(2-Chloroethyl)ether	54	U
95-57-8	2-Chlorophenol	110	U
541-73-1	1,3-Dichlorobenzene	54	U
106-46-7	1,4-Dichlorobenzene	54	U
95-50-1	1,2-Dichlorobenzene	54	U
95-48-7	2-Methylphenol	54	U
108-60-1	bis(2-chloroisopropyl)ether	54	U
106-44-5	4-Methylphenol	54	U
621-64-7	n-Nitroso-di-n-propylamine	54	U
67-72-1	Hexachloroethane	54	U
98-95-3	Nitrobenzene	54	U
78-59-1	Isophorone	54	U
88-75-5	2-Nitrophenol	270	U
105-67-9	2,4-Dimethylphenol	540	U
65-85-0	Benzoic acid	800	U
111-91-1	bis(2-Chloroethoxy)methane	54	U
120-83-2	2,4-Dichlorophenol	110	U
120-82-1	1,2,4-Trichlorobenzene	54	U
91-20-3	Naphthalene	54	U
106-47-8	4-Chloroaniline	54	U
87-68-3	Hexachlorobutadiene	54	U
59-50-7	4-Chloro-3-methylphenol	270	U
91-57-6	2-Methylnaphthalene	54	U
77-47-4	Hexachlorocyclopentadiene	54	U
88-06-2	2,4,6-Trichlorophenol	110	U
95-95-4	2,4,5-Trichlorophenol	110	U
91-58-7	2-Chloronaphthalene	54	U
88-74-4	2-Nitroaniline	54	U
131-11-3	Dimethyl phthalate	54	U
208-96-8	Acenaphthylene	54	U
606-20-2	2,6-Dinitrotoluene	54	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-13 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1639.D
Sample wt/vol: 20.085 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 6.83
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	54	U
83-32-9	Acenaphthene	54	U
51-28-5	2,4-Dinitrophenol	270	U
100-02-7	4-Nitrophenol	270	U
132-64-9	Dibenzofuran	54	U
121-14-2	2,4-Dinitrotoluene	54	U
84-66-2	Diethyl phthalate	54	U
86-73-7	Fluorene	54	U
7005-72-3	4-Chlorophenyl phenyl ether	54	U
100-01-6	4-Nitroaniline	54	U
534-52-1	4,6-Dinitro-2-methylphenol	270	U
86-30-6	n-Nitrosodiphenylamine	54	U
101-55-3	4-Bromophenyl phenyl ether	54	U
118-74-1	Hexachlorobenzene	54	U
87-86-5	Pentachlorophenol	270	U
85-01-8	Phenanthrene	54	U
120-12-7	Anthracene	54	U
84-74-2	Di-n-butylphthalate	320	B
206-44-0	Fluoranthene	54	U
92-87-5	Benzidine	3200	U
129-00-0	Pyrene	54	U
85-68-7	Butyl benzyl phthalate	54	U
91-94-1	3,3'-Dichlorobenzidine	54	U
56-55-3	Benzo(a)anthracene	54	U
218-01-9	Chrysene	54	U
117-81-7	bis(2-Ethylhexyl)phthalate	4600	B
117-84-0	Di-n-octyl phthalate	160	U
205-99-2	Benzo(b)fluoranthene	54	U
207-08-9	Benzo(k)fluoranthene	54	U
50-32-8	Benzo(a)pyrene	54	U
193-39-5	Indeno(1,2,3-cd)pyrene	54	U
53-70-3	Dibenz(a,h)anthracene	54	U
191-24-2	Benzo(g,h,i)perylene	54	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-15 0-1
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1643.D
Sample wt/vol: 20.724 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 17.59
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	180	U
110-86-1	Pyridine	120	U
108-95-2	Phenol	310	
62-53-3	Aniline	120	U
111-44-4	bis(2-Chloroethyl)ether	59	U
95-57-8	2-Chlorophenol	120	U
541-73-1	1,3-Dichlorobenzene	59	U
106-46-7	1,4-Dichlorobenzene	59	U
95-50-1	1,2-Dichlorobenzene	59	U
95-48-7	2-Methylphenol	59	U
108-60-1	bis(2-chloroisopropyl)ether	59	U
106-44-5	4-Methylphenol	59	U
621-64-7	n-Nitroso-di-n-propylamine	59	U
67-72-1	Hexachloroethane	59	U
98-95-3	Nitrobenzene	59	U
78-59-1	Isophorone	59	U
88-75-5	2-Nitrophenol	290	U
105-67-9	2,4-Dimethylphenol	590	U
65-85-0	Benzoic acid	880	U
111-91-1	bis(2-Chloroethoxy)methane	59	U
120-83-2	2,4-Dichlorophenol	120	U
120-82-1	1,2,4-Trichlorobenzene	59	U
91-20-3	Naphthalene	75	
106-47-8	4-Chloroaniline	59	U
87-68-3	Hexachlorobutadiene	59	U
59-50-7	4-Chloro-3-methylphenol	290	U
91-57-6	2-Methylnaphthalene	75	
77-47-4	Hexachlorocyclopentadiene	59	U
88-06-2	2,4,6-Trichlorophenol	120	U
95-95-4	2,4,5-Trichlorophenol	120	U
91-58-7	2-Chloronaphthalene	59	U
88-74-4	2-Nitroaniline	59	U
131-11-3	Dimethyl phthalate	59	U
208-96-8	Acenaphthylene	59	U
606-20-2	2,6-Dinitrotoluene	59	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-15 0-1
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1643.D
Sample wt/vol: 20.724 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 17.59
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	59	U
83-32-9	Acenaphthene	59	U
51-28-5	2,4-Dinitrophenol	290	U
100-02-7	4-Nitrophenol	290	U
132-64-9	Dibenzofuran	59	U
121-14-2	2,4-Dinitrotoluene	59	U
84-66-2	Diethyl phthalate	59	U
86-73-7	Fluorene	59	U
7005-72-3	4-Chlorophenyl phenyl ether	59	U
100-01-6	4-Nitroaniline	59	U
534-52-1	4,6-Dinitro-2-methylphenol	290	U
86-30-6	n-Nitrosodiphenylamine	59	U
101-55-3	4-Bromophenyl phenyl ether	100	
118-74-1	Hexachlorobenzene	59	U
87-86-5	Pentachlorophenol	290	U
85-01-8	Phenanthrene	59	U
120-12-7	Anthracene	59	U
84-74-2	Di-n-butylphthalate	270	B
206-44-0	Fluoranthene	59	U
92-87-5	Benzidine	3500	U
129-00-0	Pyrene	59	U
85-68-7	Butyl benzyl phthalate	59	U
91-94-1	3,3'-Dichlorobenzidine	59	U
56-55-3	Benzo(a)anthracene	59	U
218-01-9	Chrysene	59	U
117-81-7	bis(2-Ethylhexyl)phthalate	19000	EB
117-84-0	Di-n-octyl phthalate	6200	
205-99-2	Benzo(b)fluoranthene	59	U
207-08-9	Benzo(k)fluoranthene	59	U
50-32-8	Benzo(a)pyrene	59	U
193-39-5	Indeno(1,2,3-cd)pyrene	59	U
53-70-3	Dibenz(a,h)anthracene	59	U
191-24-2	Benzo(g,h,i)perylene	59	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-15 0-1.dl
Matrix: (soil/water/air) SOIL
Lab File ID: MAR2013.D
Sample wt/vol: 20.724 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 17.59
Date Analyzed: 3/20/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 10.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	1800	U
110-86-1	Pyridine	1200	U
108-95-2	Phenol	1200	U
62-53-3	Aniline	1200	U
111-44-4	bis(2-Chloroethyl)ether	590	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	590	U
106-46-7	1,4-Dichlorobenzene	590	U
95-50-1	1,2-Dichlorobenzene	590	U
95-48-7	2-Methylphenol	590	U
108-60-1	bis(2-chloroisopropyl)ether	590	U
106-44-5	4-Methylphenol	590	U
621-64-7	n-Nitroso-di-n-propylamine	590	U
67-72-1	Hexachloroethane	590	U
98-95-3	Nitrobenzene	590	U
78-59-1	Isophorone	590	U
88-75-5	2-Nitrophenol	2900	U
105-67-9	2,4-Dimethylphenol	5900	U
65-85-0	Benzoic acid	8800	U
111-91-1	bis(2-Chloroethoxy)methane	590	U
120-83-2	2,4-Dichlorophenol	1200	U
120-82-1	1,2,4-Trichlorobenzene	590	U
91-20-3	Naphthalene	590	U
106-47-8	4-Chloroaniline	590	U
87-68-3	Hexachlorobutadiene	590	U
59-50-7	4-Chloro-3-methylphenol	2900	U
91-57-6	2-Methylnaphthalene	590	U
77-47-4	Hexachlorocyclopentadiene	590	U
88-06-2	2,4,6-Trichlorophenol	1200	U
95-95-4	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	590	U
88-74-4	2-Nitroaniline	590	U
131-11-3	Dimethyl phthalate	590	U
208-96-8	Acenaphthylene	590	U
606-20-2	2,6-Dinitrotoluene	590	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-15 0-1.dl
Matrix: (soil/water/air) SOIL
Lab File ID: MAR2013.D
Sample wt/vol: 20.724 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 17.59
Date Analyzed: 3/20/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 10.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	590	U
83-32-9	Acenaphthene	590	U
51-28-5	2,4-Dinitrophenol	2900	U
100-02-7	4-Nitrophenol	2900	U
132-64-9	Dibenzofuran	590	U
121-14-2	2,4-Dinitrotoluene	590	U
84-66-2	Diethyl phthalate	590	U
86-73-7	Fluorene	590	U
7005-72-3	4-Chlorophenyl phenyl ether	590	U
100-01-6	4-Nitroaniline	590	U
534-52-1	4,6-Dinitro-2-methylphenol	2900	U
86-30-6	n-Nitrosodiphenylamine	590	U
101-55-3	4-Bromophenyl phenyl ether	590	U
118-74-1	Hexachlorobenzene	590	U
87-86-5	Pentachlorophenol	2900	U
85-01-8	Phenanthrene	590	U
120-12-7	Anthracene	590	U
84-74-2	Di-n-butylphthalate	1800	U
206-44-0	Fluoranthene	590	U
92-87-5	Benzidine	35000	U
129-00-0	Pyrene	590	U
85-68-7	Butyl benzyl phthalate	590	U
91-94-1	3,3'-Dichlorobenzidine	590	U
56-55-3	Benzo(a)anthracene	590	U
218-01-9	Chrysene	590	U
117-81-7	bis(2-Ethylhexyl)phthalate	44000	BD
117-84-0	Di-n-octyl phthalate	3900	D
205-99-2	Benzo(b)fluoranthene	590	U
207-08-9	Benzo(k)fluoranthene	590	U
50-32-8	Benzo(a)pyrene	590	U
193-39-5	Indeno(1,2,3-cd)pyrene	590	U
53-70-3	Dibenz(a,h)anthracene	590	U
191-24-2	Benzo(g,h,i)perylene	590	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-14 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1640.D
Sample wt/vol: 20.423 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 5.47
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	150	U
110-86-1	Pyridine	100	U
108-95-2	Phenol	180	
62-53-3	Aniline	100	U
111-44-4	bis(2-Chloroethyl)ether	52	U
95-57-8	2-Chlorophenol	100	U
541-73-1	1,3-Dichlorobenzene	52	U
106-46-7	1,4-Dichlorobenzene	52	U
95-50-1	1,2-Dichlorobenzene	52	U
95-48-7	2-Methylphenol	52	U
108-60-1	bis(2-chloroisopropyl)ether	52	U
106-44-5	4-Methylphenol	52	U
621-64-7	n-Nitroso-di-n-propylamine	52	U
67-72-1	Hexachloroethane	52	U
98-95-3	Nitrobenzene	52	U
78-59-1	Isophorone	52	U
88-75-5	2-Nitrophenol	260	U
105-67-9	2,4-Dimethylphenol	520	U
65-85-0	Benzoic acid	770	U
111-91-1	bis(2-Chloroethoxy)methane	52	U
120-83-2	2,4-Dichlorophenol	100	U
120-82-1	1,2,4-Trichlorobenzene	52	U
91-20-3	Naphthalene	52	U
106-47-8	4-Chloroaniline	52	U
87-68-3	Hexachlorobutadiene	52	U
59-50-7	4-Chloro-3-methylphenol	260	U
91-57-6	2-Methylnaphthalene	52	U
77-47-4	Hexachlorocyclopentadiene	52	U
88-06-2	2,4,6-Trichlorophenol	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	52	U
88-74-4	2-Nitroaniline	52	U
131-11-3	Dimethyl phthalate	52	U
208-96-8	Acenaphthylene	52	U
606-20-2	2,6-Dinitrotoluene	52	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: S-14 0-4
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1640.D
Sample wt/vol: 20.423 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 5.47
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	52	U
83-32-9	Acenaphthene	52	U
51-28-5	2,4-Dinitrophenol	260	U
100-02-7	4-Nitrophenol	260	U
132-64-9	Dibenzofuran	52	U
121-14-2	2,4-Dinitrotoluene	52	U
84-66-2	Diethyl phthalate	52	U
86-73-7	Fluorene	52	U
7005-72-3	4-Chlorophenyl phenyl ether	52	U
100-01-6	4-Nitroaniline	52	U
534-52-1	4,6-Dinitro-2-methylphenol	260	U
86-30-6	n-Nitrosodiphenylamine	52	U
101-55-3	4-Bromophenyl phenyl ether	52	U
118-74-1	Hexachlorobenzene	52	U
87-86-5	Pentachlorophenol	260	U
85-01-8	Phenanthrene	52	U
120-12-7	Anthracene	52	U
84-74-2	Di-n-butylphthalate	190	B
206-44-0	Fluoranthene	52	U
92-87-5	Benzidine	3100	U
129-00-0	Pyrene	52	U
85-68-7	Butyl benzyl phthalate	52	U
91-94-1	3,3'-Dichlorobenzidine	52	U
56-55-3	Benzo(a)anthracene	52	U
218-01-9	Chrysene	57	
117-81-7	bis(2-Ethylhexyl)phthalate	800	B
117-84-0	Di-n-octyl phthalate	150	U
205-99-2	Benzo(b)fluoranthene	160	
207-08-9	Benzo(k)fluoranthene	52	U
50-32-8	Benzo(a)pyrene	52	U
193-39-5	Indeno(1,2,3-cd)pyrene	52	U
53-70-3	Dibenz(a,h)anthracene	52	U
191-24-2	Benzo(g,h,i)perylene	52	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: SBLK060314
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1620.D
Sample wt/vol: 20 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 0
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	150	U
110-86-1	Pyridine	100	U
108-95-2	Phenol	100	U
62-53-3	Aniline	100	U
111-44-4	bis(2-Chloroethyl)ether	50	U
95-57-8	2-Chlorophenol	100	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
95-48-7	2-Methylphenol	50	U
108-60-1	bis(2-chloroisopropyl)ether	50	U
106-44-5	4-Methylphenol	50	U
621-64-7	n-Nitroso-di-n-propylamine	50	U
67-72-1	Hexachloroethane	50	U
98-95-3	Nitrobenzene	50	U
78-59-1	Isophorone	50	U
88-75-5	2-Nitrophenol	250	U
105-67-9	2,4-Dimethylphenol	500	U
65-85-0	Benzoic acid	750	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
120-83-2	2,4-Dichlorophenol	100	U
120-82-1	1,2,4-Trichlorobenzene	50	U
91-20-3	Naphthalene	50	U
106-47-8	4-Chloroaniline	50	U
87-68-3	Hexachlorobutadiene	50	U
59-50-7	4-Chloro-3-methylphenol	250	U
91-57-6	2-Methylnaphthalene	50	U
77-47-4	Hexachlorocyclopentadiene	50	U
88-06-2	2,4,6-Trichlorophenol	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	50	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl phthalate	50	U
208-96-8	Acenaphthylene	50	U
606-20-2	2,6-Dinitrotoluene	50	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: SBLK060314
Matrix: (soil/water/air) SOIL
Lab File ID: MAR1620.D
Sample wt/vol: 20 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/14/2006
% Moisture: 0
Date Analyzed: 3/17/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	50	U
51-28-5	2,4-Dinitrophenol	250	U
100-02-7	4-Nitrophenol	250	U
132-64-9	Dibenzofuran	50	U
121-14-2	2,4-Dinitrotoluene	50	U
84-66-2	Diethyl phthalate	50	U
86-73-7	Fluorene	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	250	U
86-30-6	n-Nitrosodiphenylamine	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
118-74-1	Hexachlorobenzene	50	U
87-86-5	Pentachlorophenol	250	U
85-01-8	Phenanthrene	50	U
120-12-7	Anthracene	50	U
84-74-2	Di-n-butylphthalate	370	
206-44-0	Fluoranthene	50	U
92-87-5	Benzidine	3000	U
129-00-0	Pyrene	50	U
85-68-7	Butyl benzyl phthalate	50	U
91-94-1	3,3'-Dichlorobenzidine	50	U
56-55-3	Benzo(a)anthracene	50	U
218-01-9	Chrysene	50	U
117-81-7	bis(2-Ethylhexyl)phthalate	210	
117-84-0	Di-n-octyl phthalate	150	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
50-32-8	Benzo(a)pyrene	50	U
193-39-5	Indeno(1,2,3-cd)pyrene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
191-24-2	Benzo(g,h,i)perylene	50	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: SBLK060320
Matrix: (soil/water/air) SOIL
Lab File ID: MAR2014.D
Sample wt/vol: 20 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/20/2006
% Moisture: 0
Date Analyzed: 3/20/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
62-75-9	n-Nitrosodimethylamine	150	U
110-86-1	Pyridine	100	U
108-95-2	Phenol	100	U
62-53-3	Aniline	100	U
111-44-4	bis(2-Chloroethyl)ether	50	U
95-57-8	2-Chlorophenol	100	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
95-48-7	2-Methylphenol	50	U
108-60-1	bis(2-chloroisopropyl)ether	50	U
106-44-5	4-Methylphenol	50	U
621-64-7	n-Nitroso-di-n-propylamine	50	U
67-72-1	Hexachloroethane	50	U
98-95-3	Nitrobenzene	50	U
78-59-1	Isophorone	50	U
88-75-5	2-Nitrophenol	250	U
105-67-9	2,4-Dimethylphenol	500	U
65-85-0	Benzoic acid	750	U
111-91-1	bis(2-Chloroethoxy)methane	50	U
120-83-2	2,4-Dichlorophenol	100	U
120-82-1	1,2,4-Trichlorobenzene	50	U
91-20-3	Naphthalene	50	U
106-47-8	4-Chloroaniline	50	U
87-68-3	Hexachlorobutadiene	50	U
59-50-7	4-Chloro-3-methylphenol	250	U
91-57-6	2-Methylnaphthalene	50	U
77-47-4	Hexachlorocyclopentadiene	50	U
88-06-2	2,4,6-Trichlorophenol	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	50	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl phthalate	50	U
208-96-8	Acenaphthylene	50	U
606-20-2	2,6-Dinitrotoluene	50	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: R0309-05
Client Name: Woodard & Curran
Method: 8270
Lab Sample ID: SBLK060320
Matrix: (soil/water/air) SOIL
Lab File ID: MAR2014.D
Sample wt/vol: 20 (g/ml) G
Date Sampled: 3/8/2006
Level: (low/med) LOW
Date Extracted: 3/20/2006
% Moisture: 0
Date Analyzed: 3/20/2006
Concentrated Extract Volume: 1000 (uL)
Dilution Factor: 1.0
Injection Volume: 1.0 (uL)
Analyst's Initials: RCM

CAS NO.	COMPOUND	UNITS: UG/KG	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	50	U
51-28-5	2,4-Dinitrophenol	250	U
100-02-7	4-Nitrophenol	250	U
132-64-9	Dibenzofuran	50	U
121-14-2	2,4-Dinitrotoluene	50	U
84-66-2	Diethyl phthalate	50	U
86-73-7	Fluorene	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	250	U
86-30-6	n-Nitrosodiphenylamine	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
118-74-1	Hexachlorobenzene	50	U
87-86-5	Pentachlorophenol	250	U
85-01-8	Phenanthrene	50	U
120-12-7	Anthracene	50	U
84-74-2	Di-n-butylphthalate	170	
206-44-0	Fluoranthene	50	U
92-87-5	Benzidine	3000	U
129-00-0	Pyrene	50	U
85-68-7	Butyl benzyl phthalate	50	U
91-94-1	3,3'-Dichlorobenzidine	50	U
56-55-3	Benzo(a)anthracene	50	U
218-01-9	Chrysene	50	U
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octyl phthalate	150	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
50-32-8	Benzo(a)pyrene	50	U
193-39-5	Indeno(1,2,3-cd)pyrene	50	U
53-70-3	Dibenz(a,h)anthracene	50	U
191-24-2	Benzo(g,h,i)perylene	50	U

U=not detected, D=diluted, E=over range (another data sheet is included), J=below limit, B=found in blank

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: New England Testing Lab Case No.: R0309-05

Lab Code: RI010 Client Name: Woodard & Curran

Level: (low/med) LOW

	Sample ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
01	SBLK060314	78	78	75	81	134	94	0
02	SLCS060314	96	97	92	94	181 *	103	1
03	S-1 0-4	77	75	72	77	139 *	91	1
04	S-5 0-4	82	83	80	82	159 *	100	1
05	S-7 0-4	75	77	71	76	152 *	92	1
06	S-8 0-4	86	84	81	83	148 *	100	1
07	S-8 4-8	89	87	83	87	153 *	107	1
08	S-9 0-4	86	85	86	88	161 *	110	1
09	S-9 4-8	90	90	84	86	147 *	102	1
10	S-10 0-4	83	85	79	89	161 *	90	1
11	S-11 0-4	82	83	79	84	158 *	100	1
12	S-11 4-8	75	76	74	78	148 *	93	1
13	S-12 0-4	87	88	84	92	167 *	113	1
14	S-13 0-4	77	79	75	83	150 *	131	1
15	S-14 0-4	63	64	58	66	132	94	0
16	S-15 0-1	90	89	84	88	175 *	120	1
17	S-7 0-4.DL	61	57	59	72	109	63	0
18	S-10 0-4.DL	D	D	D	D	D	D	0
19	S-15 0-1.DL	71	62	66	83	117	71	0
20	SBLK060320	71	67	64	70	107	73	0
21	SLCS060320	76	78	75	80	161 *	79	1
22	S-12 4-7	81	82	78	86	180 *	91	1
23	S-12 4-7.DL	65	55	50	72	76	62	0

			QC LIMITS
S1	=	2-Fluorophenol	(16-133)
S2	=	Phenol-d6	(25-131)
S3	=	Nitrobenzene-d5	(30-128)
S4	=	2-Fluorobiphenyl	(21-139)
S5	=	2,4,6-Tribromophenol	(26-135)
S6	=	Terphenyl-d14	(29-187)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

New England Testing Laboratory,

Semivolatile Soil Laboratory Control Spike

Date Extracted: 03/14/06
Date Analyzed: 03/17/06

	Amount Spiked ug/Kg	Result, ug/Kg	Recovery %	Recovery Limits
n-Nitrosodimethylamine	2500	1971	79	40-140
Phenol	2500	2080	83	30-130
Aniline	2500	3788	152	40-140
bis(2-Chloroethyl)ether	2500	2063	83	40-140
2-Chlorophenol	2500	1989	80	30-130
1,3-Dichlorobenzene	2500	2020	81	40-140
1,4-Dichlorobenzene	2500	2065	83	40-140
1,2-Dichlorobenzene	2500	1996	80	40-140
2-Methylphenol	2500	1843	74	30-130
4-Methylphenol	2500	1410	56	30-130
n-Nitroso-di-n-propylamine	2500	2260	90	40-140
Hexachloroethane	2500	2281	91	40-140
Nitrobenzene	2500	2115	85	40-140
Isophorone	2500	2088	84	40-140
2-Nitrophenol	2500	2196	88	30-130
2,4-Dimethylphenol	2500	2079	83	30-130
bis(2-Chloroethoxy)methane	2500	2263	91	40-140
2,4-Dichlorophenol	2500	2070	83	40-160
1,2,4-Trichlorobenzene	2500	2225	89	40-140
Naphthalene	2500	2181	87	40-140
4-Chloroaniline	2500	29485	1179	40-140
Hexachlorobutadiene	2500	2182	87	40-140
4-Chloro-3-methylphenol	2500	2153	86	30-130
2-Methylnaphthalene	2500	2133	85	40-140
2,4,6-Trichlorophenol	2500	2147	86	30-130
2,4,5-Trichlorophenol	2500	2218	89	30-130
2-Chloronaphthalene	2500	2287	91	40-140
2-Nitroaniline	2500	6024	241	40-140
Dimethyl phthalate	2500	2342	94	40-140
Acenaphthylene	2500	2681	107	40-140
2,6-Dinitrotoluene	2500	2377	95	40-140
Acenaphthene	2500	2253	90	40-140
4-Nitrophenol	2500	2163	87	30-130
Dibenzofuran	2500	2390	96	40-140
2,4-Dinitrotoluene	2500	2439	98	40-140
Diethyl phthalate	2500	2374	95	40-140
Fluorene	2500	2425	97	40-140

Semivolatile Soil Laboratory Control Spike

Date Extracted: 03/14/06
Date Analyzed: 03/17/06

	Amount Spiked ug/Kg	Result, ug/Kg	Recovery %	Recovery Limits
4-Chlorophenyl phenyl ethe	2500	2409	96	40-140
n-Nitrosodiphenylamine	2500	30219	1209	40-140
Diphenylamine	2500	30219	1209	40-140
4-Bromophenyl phenyl ether	2500	2367	95	40-140
Hexachlorobenzene	2500	2342	94	40-140
Pentachlorophenol	2500	1893	76	30-130
Phenanthrene	2500	2374	95	40-140
Anthracene	2500	2389	96	40-140
Di-n-butylphthalate	2500	2521	101	40-140
Fluoranthene	2500	2354	94	40-140
Pyrene	2500	2383	95	40-140
Butyl benzyl phthalate	2500	2565	103	40-140
3,3'-Dichlorobenzidine	2500	6909	276	40-140
Benzo(a)anthracene	2500	2405	96	40-140
Chrysene	2500	2366	95	40-140
bis(2-Ethylhexyl)phthalate	2500	2617	105	40-140
Di-n-octyl phthalate	2500	2365	95	40-140
Benzo(b)fluoranthene	2500	2250	90	40-140
Benzo(k)fluoranthene	2500	2455	98	40-140
Benzo(a)pyrene	2500	2385	95	40-140
Indeno(1,2,3-cd)pyrene	2500	2023	81	40-140
Dibenz(a,h)anthracene	2500	2021	81	40-140
Benzo(g,h,i)perylene	2500	1971	79	40-140

Semivolatile Soil Laboratory Control Spike

Date Extracted: 03/20/06
Date Analyzed: 03/21/06

	Amount Spiked ug/Kg	Result, ug/Kg	Recovery %	Recovery Limits
n-Nitrosodimethylamine	2500	1633	65	40-140
Phenol	2500	1749	70	30-130
Aniline	2500	4581	183	40-140
bis(2-Chloroethyl)ether	2500	1569	63	40-140
2-Chlorophenol	2500	1748	70	30-130
1,3-Dichlorobenzene	2500	1564	63	40-140
1,4-Dichlorobenzene	2500	1615	65	40-140
1,2-Dichlorobenzene	2500	1560	62	40-140
2-Methylphenol	2500	1551	62	30-130
4-Methylphenol	2500	1395	56	30-130
n-Nitroso-di-n-propylamine	2500	1849	74	40-140
Hexachloroethane	2500	1699	68	40-140
Nitrobenzene	2500	1602	64	40-140
Isophorone	2500	1543	62	40-140
2-Nitrophenol	2500	1635	65	30-130
2,4-Dimethylphenol	2500	1835	73	30-130
bis(2-Chloroethoxy)methane	2500	1627	65	40-140
2,4-Dichlorophenol	2500	1733	69	40-160
1,2,4-Trichlorobenzene	2500	1760	70	40-140
Naphthalene	2500	1726	69	40-140
4-Chloroaniline	2500	37356	1494	40-140
Hexachlorobutadiene	2500	1791	72	40-140
4-Chloro-3-methylphenol	2500	1845	74	30-130
2-Methylnaphthalene	2500	1721	69	40-140
2,4,6-Trichlorophenol	2500	1677	67	30-130
2,4,5-Trichlorophenol	2500	1644	66	30-130
2-Chloronaphthalene	2500	1734	69	40-140
2-Nitroaniline	2500	5287	211	40-140
Dimethyl phthalate	2500	1837	73	40-140
Acenaphthylene	2500	2132	85	40-140
2,6-Dinitrotoluene	2500	1884	75	40-140
Acenaphthene	2500	1796	72	40-140
4-Nitrophenol	2500	1738	70	30-130
Dibenzofuran	2500	1877	75	40-140
2,4-Dinitrotoluene	2500	1972	79	40-140
Diethyl phthalate	2500	1878	75	40-140
Fluorene	2500	1957	78	40-140

Semivolatile Soil Laboratory Control Spike

Date Extracted: 03/20/06
Date Analyzed: 03/21/06

	Amount Spiked ug/Kg	Result, ug/Kg	Recovery %	Recovery Limits
4-Chlorophenyl phenyl ethe	2500	1907	76	40-140
n-Nitrosodiphenylamine	2500	22769	911	40-140
Diphenylamine	2500	22769	911	40-140
4-Bromophenyl phenyl ether	2500	1884	75	40-140
Hexachlorobenzene	2500	1904	76	40-140
Pentachlorophenol	2500	1490	60	30-130
Phenanthrene	2500	1939	78	40-140
Anthracene	2500	1949	78	40-140
Di-n-butylphthalate	2500	2046	82	40-140
Fluoranthene	2500	1979	79	40-140
Pyrene	2500	1704	68	40-140
Butyl benzyl phthalate	2500	1902	76	40-140
3,3'-Dichlorobenzidine	2500	6767	271	40-140
Benzo(a)anthracene	2500	1957	78	40-140
Chrysene	2500	1921	77	40-140
bis(2-Ethylhexyl)phthalate	2500	2024	81	40-140
Di-n-octyl phthalate	2500	1708	68	40-140
Benzo(b)fluoranthene	2500	1902	76	40-140
Benzo(k)fluoranthene	2500	1839	74	40-140
Benzo(a)pyrene	2500	1912	76	40-140
Indeno(1,2,3-cd)pyrene	2500	1626	65	40-140
Dibenz(a,h)anthracene	2500	1636	65	40-140
Benzo(g,h,i)perylene	2500	1581	63	40-140

RESULTS: VOLATILE PETROLEUM HYDROCARBONS

Results for VPH analysis are presented in the following section. Each page is electronically signed. In the hardcopy report, two signatures appear on the approval line – the electronic signature and the handwritten signature.

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	__ 1:1 +/- 25%
		X Samples received in air-tight container:	X Other: 2:3
Temperature	X Received on Ice X Received at 4° C __ Other: Received at ° C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	S-1 0-4
Method for Target Analytes:			Lab ID	R0309-05
VPH Surrogate Standards			Date Collected	3/8/06
PID: Fluorobenzene			Date Received	3/9/06
FID: Fluorobenzene			Date Analyzed	3/16/06
			Dilution Factor	1X
			% Moisture (soil)	4
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				81
FID Surrogate % Recovery				92
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	__ 1:1 +/- 25%
		X Samples received in air-tight container:	X Other: 2:3
Temperature	X Received on Ice X Received at 4° C __ Other: Received at ° C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	S-8 0-4
Method for Target Analytes:			Lab ID	R0309-05
VPH Surrogate Standards			Date Collected	3/8/06
PID: Fluorobenzene			Date Received	3/9/06
FID: Fluorobenzene			Date Analyzed	3/16/06
			Dilution Factor	1X
			% Moisture (soil)	9
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				96
FID Surrogate % Recovery				108
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	__ 1:1 +/- 25%
		X Samples received in air-tight container:	X Other: 1:2
Temperature	X Received on Ice X Received at 4° C __ Other: Received at ° C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	S-8 4-8
Method for Target Analytes:			Lab ID	R0309-05
VPH Surrogate Standards			Date Collected	3/8/06
PID: Fluorobenzene			Date Received	3/9/06
FID: Fluorobenzene			Date Analyzed	3/20/06
			Dilution Factor	1X
			% Moisture (soil)	6
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				84
FID Surrogate % Recovery				79
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	__ 1:1 +/- 25%
		X Samples received in air-tight container:	X Other: 2:1
Temperature	X Received on Ice X Received at 4° C __ Other: Received at ° C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	S-9 0-4
Method for Target Analytes:			Lab ID	R0309-05
VPH Surrogate Standards			Date Collected	3/8/06
PID: Fluorobenzene			Date Received	3/9/06
FID: Fluorobenzene			Date Analyzed	3/20/06
			Dilution Factor	1X
			% Moisture (soil)	5
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				88
FID Surrogate % Recovery				83
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	__ 1:1 +/- 25%
		X Samples received in air-tight container:	X Other: 3:5
Temperature	X Received on Ice X Received at 4° C __ Other: Received at ° C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	S-9 4-8
Method for Target Analytes:			Lab ID	R0309-05
VPH Surrogate Standards			Date Collected	3/8/06
PID: Fluorobenzene			Date Received	3/9/06
FID: Fluorobenzene			Date Analyzed	3/20/06
			Dilution Factor	1X
			% Moisture (soil)	7
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				87
FID Surrogate % Recovery				82
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	__ 1:1 +/- 25%
		X Samples received in air-tight container:	X Other: 2:1
Temperature	X Received on Ice X Received at 4° C __ Other: Received at ° C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	S-10 0-4
Method for Target Analytes:			Lab ID	R0309-05
VPH Surrogate Standards			Date Collected	3/8/06
PID: Fluorobenzene			Date Received	3/9/06
FID: Fluorobenzene			Date Analyzed	3/16/06
			Dilution Factor	1X
			% Moisture (soil)	13
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				81
FID Surrogate % Recovery				92
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	X 1:1 +/- 25%
		X Samples received in air-tight container:	__ Other:
Temperature	X Received on Ice X Received at 4° C __ Other: Received at ° C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	S-11 0-4
Method for Target Analytes:			Lab ID	R0309-05
VPH Surrogate Standards			Date Collected	3/8/06
PID: Fluorobenzene			Date Received	3/9/06
FID: Fluorobenzene			Date Analyzed	3/16/06
			Dilution Factor	1X
			% Moisture (soil)	4
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				73
FID Surrogate % Recovery				86
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	__ 1:1 +/- 25%
		X Samples received in air-tight container:	X Other: 4:5
Temperature	X Received on Ice X Received at 4° C __ Other: Received at ° C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	S-11 4-8
Method for Target Analytes:			Lab ID	R0309-05
VPH Surrogate Standards			Date Collected	3/8/06
PID: Fluorobenzene			Date Received	3/9/06
FID: Fluorobenzene			Date Analyzed	3/16/06
			Dilution Factor	1X
			% Moisture (soil)	15
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				73
FID Surrogate % Recovery				84
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	__ 1:1 +/- 25%
		X Samples received in air-tight container:	X Other: 2:1
Temperature	X Received on Ice X Received at 4° C __ Other: Received at ° C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	S-12 0-4
Method for Target Analytes:			Lab ID	R0309-05
VPH Surrogate Standards			Date Collected	3/8/06
PID: Fluorobenzene			Date Received	3/9/06
FID: Fluorobenzene			Date Analyzed	3/16/06
			Dilution Factor	1X
			% Moisture (soil)	9
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				74
FID Surrogate % Recovery				84
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	__ 1:1 +/- 25%
		X Samples received in air-tight container:	X Other: 2:1
Temperature	X Received on Ice X Received at 4° C __ Other: Received at ° C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	S-12 4-7
Method for Target Analytes:			Lab ID	R0309-05
VPH Surrogate Standards			Date Collected	3/8/06
PID: Fluorobenzene			Date Received	3/9/06
FID: Fluorobenzene			Date Analyzed	3/16/06
			Dilution Factor	1X
			% Moisture (soil)	12
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				75
FID Surrogate % Recovery				86
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /s/ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	__ 1:1 +/- 25%
		X Samples received in air-tight container:	X Other: 3:5
Temperature	X Received on Ice X Received at 4° C __ Other: Received at ° C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	S-13 0-4
Method for Target Analytes:			Lab ID	R0309-05
VPH Surrogate Standards			Date Collected	3/8/06
PID: Fluorobenzene			Date Received	3/9/06
FID: Fluorobenzene			Date Analyzed	3/17/06
			Dilution Factor	1X
			% Moisture (soil)	7
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				82
FID Surrogate % Recovery				94
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	__ 1:1 +/- 25%
		X Samples received in air-tight container:	X Other: 2:3
Temperature	X Received on Ice X Received at 4° C __ Other: Received at ° C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	S-15 0-1
Method for Target Analytes:			Lab ID	R0309-05
VPH Surrogate Standards			Date Collected	3/8/06
PID: Fluorobenzene			Date Received	3/9/06
FID: Fluorobenzene			Date Analyzed	3/17/06
			Dilution Factor	1X
			% Moisture (soil)	18
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				92
FID Surrogate % Recovery				102
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	__ 1:1 +/- 25%
		X Samples received in air-tight container:	X Other: 2:1
Temperature	X Received on Ice X Received at 4° C __ Other: Received at ° C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	S-17 0-4
Method for Target Analytes:			Lab ID	R0309-05
VPH Surrogate Standards			Date Collected	3/8/06
PID: Fluorobenzene			Date Received	3/9/06
FID: Fluorobenzene			Date Analyzed	3/17/06
			Dilution Factor	1X
			% Moisture (soil)	6
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				89
FID Surrogate % Recovery				100
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	X Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	__ N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		X Samples rec'd in Methanol: X covering soil __ not covering soil	__ 1:1 +/- 25%
		X Samples received in air-tight container:	X Other: 2:1
Temperature	X Received on Ice X Received at 4° C __ Other: Received at ° C		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	S-14 0-4
Method for Target Analytes:			Lab ID	R0309-05
VPH Surrogate Standards			Date Collected	3/8/06
PID: Fluorobenzene			Date Received	3/9/06
FID: Fluorobenzene			Date Analyzed	3/17/06
			Dilution Factor	1X
			% Moisture (soil)	5
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				76
FID Surrogate % Recovery				84
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	__ Aqueous X Soil __ Sediment __ Other:		
Containers	_Satisfactory __ Broken __ Leaking:		
Sample Preservatives	Aqueous	__ N/A __ pH≤2 __ pH>2 Comment:	
	Soil or Sediment	X N/A __ Samples NOT preserved Methanol or air-tight container	mL Methanol/g soil
		__ Samples rec'd in Methanol: _covering soil __ not covering soil	__ 1:1 +/- 25%
		__ Samples received in air-tight container:	__ Other:
Temperature	_ Received on Ice __ Received at 4° C __ Other:		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 01/98			Client ID	Method Blank
Method for Target Analytes:			Lab ID	R0309-05
VPH Surrogate Standards			Date Collected	NA
PID: Fluorobenzene			Date Received	NA
FID: Fluorobenzene			Date Analyzed	3/16/06
			Dilution Factor	1X
			% Moisture (soil)	0
Range/Target Analyte	**Elution Range**	**RL**	**Units**	
Unadjusted C5-C8 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Unadjusted C9-C12 Aliphatics[1]	N/A	3.0	mg/Kg	<3.0
Benzene	C5-C8	0.3	mg/Kg	<0.3
Ethylbenzene	C9-C12	0.3	mg/Kg	<0.3
Methyl-tert-butylether	C5-C8	0.3	mg/Kg	<0.3
Naphthalene	N/A	1	mg/Kg	<1
Toluene	C5-C8	0.3	mg/Kg	<0.3
m- & p- Xylenes	C9-C12	0.6	mg/Kg	<0.6
o-Xylene	C9-C12	0.6	mg/Kg	<0.6
C5-C8 Aliphatic Hydrocarbons[1,2]	N/A	3.0	mg/Kg	<3.0
C9-C12 Aliphatic Hydrocarbons[1,3]	N/A	3.0	mg/Kg	<3.0
C9-C10 Aromatic Hydrocarbons[1]	N/A	3.0	mg/Kg	<3.0
PID Surrogate % Recovery				89
FID Surrogate % Recovery				96
Surrogate Acceptance Range				70-130%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C_5-C_8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

[3]C_9-C_{12} Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C_9-C_{10} Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? X Yes __ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes __ No-Details Attached
Were any significant modifications made to the VPH method, as specified in Section 11.3? X No __ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /s/ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

VPH LABORATORY CONTROL SPIKE

Date Analyzed: 3/16/06

Compound	Spike Added, mg/Kg	Spike Result, mg/Kg	Recovery, %	Recovery Limits, %
TBME	5.0	3.6	72	40-140
Benzene	5.0	5.6	112	40-140
Toluene	5.0	5.6	111	40-140
Ethylbenzene	5.0	5.6	111	40-140
m&p Xylene	10.0	9.8	98	40-140
o-Xylene	5.0	4.7	94	40-140
Naphthalene	5.0	5.9	118	NA
Pentane	5.0	4.5	90	40-140
2-Methyl pentane	5.0	4.8	95	40-140
2,2,4-trimethylpentan	5.0	4.9	98	40-140

VPH LABORATORY CONTROL SPIKE

Date Analyzed: 3/20/06

Compound	Spike Added, mg/Kg	Spike Result, mg/Kg	Recovery, %	Recovery Limits, %
TBME	5.0	2.8	56	40-140
Benzene	5.0	4.4	87	40-140
Toluene	5.0	4.2	84	40-140
Ethylbenzene	5.0	4.2	84	40-140
m&p Xylene	10.0	7.8	78	40-140
o-Xylene	5.0	3.9	78	40-140
Naphthalene	5.0	4.6	91	NA
Pentane	5.0	4.1	81	40-140
2-Methyl pentane	5.0	4.1	81	40-140
2,2,4-trimethylpentan	5.0	4.1	81	40-140

RESULTS: EXTRACTABLE PETROLEUM HYDROCARBONS

Results for EPH analysis are presented in the following section. Each page is electronically signed. In the hardcopy report, two signatures appear on the approval line – the electronic signature and the handwritten signature.

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-1 0-4
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	4
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	<10.0
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	<10.0
Aliphatic Surrogate % Recovery				65
Aromatic Surrogate % Recovery				69
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				87
Fractionation Surrogate % Recovery				78
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-5 0-4
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	3
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	<10.0
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	<10.0
Aliphatic Surrogate % Recovery				66
Aromatic Surrogate % Recovery				49
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				74
Fractionation Surrogate % Recovery				66
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

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SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-7 0-4
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	10
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	259
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	259
Aliphatic Surrogate % Recovery				60
Aromatic Surrogate % Recovery				43
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				58
Fractionation Surrogate % Recovery				53
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-8 0-4
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	9
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	17
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	16
Aliphatic Surrogate % Recovery				64
Aromatic Surrogate % Recovery				66
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				81
Fractionation Surrogate % Recovery				73
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-8 4-8
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	6
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	<10.0
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	<10.0
Aliphatic Surrogate % Recovery				76
Aromatic Surrogate % Recovery				41
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				57
Fractionation Surrogate % Recovery				52
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-9 0-4
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	5
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	<10.0
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	<10.0
Aliphatic Surrogate % Recovery				82
Aromatic Surrogate % Recovery				57
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				75
Fractionation Surrogate % Recovery				67
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

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PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-9 4-8
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	7
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	<10.0
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	<10.0
Aliphatic Surrogate % Recovery				51
Aromatic Surrogate % Recovery				40
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				63
Fractionation Surrogate % Recovery				57
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-10 0-4
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06 and 3/22/06
2-Fluorobiphenyl			Dilution Factor	1X and 50X
2-Bromonaphthalene			% Moisture (soil)	13
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	1320
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	1310
Aliphatic Surrogate % Recovery				67
Aromatic Surrogate % Recovery				52
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				84
Fractionation Surrogate % Recovery				79
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached

Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached

Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-11 0-4
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	4
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	<10.0
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	<10.0
Aliphatic Surrogate % Recovery				65
Aromatic Surrogate % Recovery				52
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				71
Fractionation Surrogate % Recovery				70
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

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SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-11 4-8
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	15
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	21
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	20
Aliphatic Surrogate % Recovery				87
Aromatic Surrogate % Recovery				47
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				62
Fractionation Surrogate % Recovery				56
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

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SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-12 0-4
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	9
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	153
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	150
Aliphatic Surrogate % Recovery				76
Aromatic Surrogate % Recovery				60
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				77
Fractionation Surrogate % Recovery				69
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

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SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-12 4-7
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	12
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	152
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	149
Aliphatic Surrogate % Recovery				54
Aromatic Surrogate % Recovery				54
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				77
Fractionation Surrogate % Recovery				70
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

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SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-13 0-4
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	7
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	19
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	19
Aliphatic Surrogate % Recovery				50
Aromatic Surrogate % Recovery				56
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				82
Fractionation Surrogate % Recovery				75
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

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SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-15 0-1
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	18
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	<10.0
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	<10.0
Aliphatic Surrogate % Recovery				48
Aromatic Surrogate % Recovery				51
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				82
Fractionation Surrogate % Recovery				74
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-17 0-4
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	6
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	21
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	21
Aliphatic Surrogate % Recovery				57
Aromatic Surrogate % Recovery				54
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				79
Fractionation Surrogate % Recovery				72
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	X Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	X Received on Ice X Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	S-14 0-4
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	3/8/06
Aliphatic: Chlorooctadecane			Date Received	3/9/06
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06 and 3/22/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	5
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	<10.0
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	<10.0
Aliphatic Surrogate % Recovery				44
Aromatic Surrogate % Recovery				52
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				93
Fractionation Surrogate % Recovery				87
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: Mark H. Bishop /ES POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

SAMPLE INFORMATION

Matrix	Aqueous X Soil Sediment Other:
Containers	Satisfactory Broken Leaking:
Aqueous Preservatives	X N/A pH<2 pH>2 Comment:
Temperature	Received on Ice Received at 4 ° C Other:
Extraction Method	Water: Soil: Soxhlet

EPH ANALYTICAL RESULTS

Method for Ranges: MADEP EPH 98-1			Client ID	Method Blank
Method for Target Analytes:			Lab ID	R0309-05
EPH Surrogate Standards			Date Collected	NA
Aliphatic: Chlorooctadecane			Date Received	NA
Aromatic: o-Terphenyl			Date Extracted	3/16/06
EPH Fractionation Surrogates			Date Analyzed	3/19/06
2-Fluorobiphenyl			Dilution Factor	1X
2-Bromonaphthalene			% Moisture (soil)	0
RANGE/TARGET ANALYTE		**RL**	**Units**	
Unadjusted C11-C22 Aromatics[1]		10.0	mg/Kg	<10.0
Diesel PAH Analytes	Naphthalene	0.5	mg/Kg	<0.5
	2-Methylnaphthalene	0.5	mg/Kg	<0.5
	Phenanthrene	0.5	mg/Kg	<0.5
	Acenaphthylene	0.5	mg/Kg	<0.5
Other Target PAH Analytes	Acenaphthene	0.5	mg/Kg	<0.5
	Fluorene	0.5	mg/Kg	<0.5
	Anthracene	0.5	mg/Kg	<0.5
	Fluoranthene	0.5	mg/Kg	<0.5
	Pyrene	0.5	mg/Kg	<0.5
	Benzo(a)anthracene	0.5	mg/Kg	<0.5
	Chrysene	0.5	mg/Kg	<0.5
	Benzo(b)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(k)fluoranthene	0.5	mg/Kg	<0.5
	Benzo(a)pyrene	0.5	mg/Kg	<0.5
	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	<0.5
	Dibenzo(a,h)anthracene	0.5	mg/Kg	<0.5
	Benzo(g,h,i)perylene	0.5	mg/Kg	<0.5
C9-C18 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C19-C36 Aliphatic Hydrocarbons[1]		10.0	mg/Kg	<10.0
C11-C22 Aromatic Hydrocarbons[1,2]		10.0	mg/Kg	<10.0
Aliphatic Surrogate % Recovery				49
Aromatic Surrogate % Recovery				55
Sample Surrogate Acceptance Range				40-140%
Fractionation Surrogate % Recovery				76
Fractionation Surrogate % Recovery				67
Fractionation Surrogate Acceptance Range				40-140%

[1]Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range
[2]C11-C22 Aromatic Hydrocarbons exclude the concentration of Target PAH Analytes

CERTIFICATION

Were all QA/QC procedures REQUIRED by the EPH Method followed? X Yes _ No-Details Attached
Were all performance/acceptance standards for the required QA/QC procedures achieved? X Yes _ No-Details Attached
Were any significant modifications made to the EPH method, as specified in Section 11.3? X No _ Yes-Details Attached

I attest under the pains and penalties of perjury 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.

SIGNATURE: _____ POSITION: Laboratory Director

PRINTED NAME: Mark H. Bishop DATE: 3/23/2006

LABORATORY CONTROL SPIKE

Extractable Petroleum Hydrocarbons
Matrix: Soil
Date extracted: 3/16/2006
Date analyzed: 3/19/2006

Analyte	TRUE Value	Result, mg/kg	Recovery, %	QC Limits
Aliphatics C_9 to C_{18}	12	6	53	40-160
Aliphatics C_{19} to C_{36}	16	8	50	40-160
Aromatics C_{11} to C_{22}	34	16	47	40-160
Naphthalene	2	1.1	53	40-160
2-Methylnaphthalene	2	0.9	47	40-160
Acenaphthylene	2	0.9	47	40-160
Acenaphthene	2	1.0	48	40-160
Fluorene	2	1.0	49	40-160
Phenanthrene	2	1.0	51	40-160
Anthracene	2	0.9	47	40-160
Fluoranthene	2	0.9	45	40-160
Pyrene	2	0.9	46	40-160
Benzo(a)anthracene	2	0.9	47	40-160
Chrysene	2	0.9	45	40-160
Benzo(b) fluoranthene	2	0.9	45	40-160
Benzo(k)fluoranthene	2	0.9	46	40-160
Benzo(a)pyrene	2	0.9	45	40-160
Indeno-(1,2,3-cd) pyrene	2	0.8	42	40-160
Dibenzo(a,h)anthracene	2	1.0	48	40-160
Benzo(g,h,i)perylene	2	1.0	50	40-160

Custody Records

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue
North Providence, RI 02904

CHAIN OF CUSTODY RECORD

R0309.05

PROJ. NO: 218390 | PROJECT NAME: HoiBrook chemical
CLIENT: Woodard & Curran

SAMPLE I.D.	DATE	TIME	COMP	GRAB	STATION LOCATION	NO. OF CONTAINERS	EPH	VPH	RCRA 8 metals	SVOCs	Pest. C. des	PCBs	VOCs	DIOXIN	REMARKS
S-1 0-4	3/8	1300		X		4	X	X	X	X	X	X	X		
S-5 0-4		930		X		3	X		X	X		X	X		add to c.o.c. as per
S-7 0-4		1610		X		2	X		X	X	X	X		X	J. Edmands:
S-8 0-4		1000		X		4	X	X	X	X	X	X	X		S-14 0-4
S-8 4-8		1000		X		4	X	X	X	X	X	X	X		EPH, VPH, RCRA 8 met,
S-9 0-4		1015		X		4	X	X	X	X	X	X	X		SVOCs, Pest, PCB, VOC
S-9 4-8		1015		X		4	X	X	X	X	X	X	X		
S-10 0-4		1030		X		4	X	X	X	X	X	X	X		
S-11 0-4		900		X		4	X	X	X	X	X	X	X		
S-11 4-8		900		X		4	X	X	X	X	X	X	X		
S-12 0-4		1100		X		4	X	X	X	X	X	X	X		
S-12 4-7		1100		X		4	X	X	X	X	X	X	X		
S-13 0-4		1330		X		4	X	X	X	X	X	X	X		
S-15 0-1		1145		X		4	X	X	X	X	X	X	X		
S-17 0-4		1215		X		2	X	X	X						

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	3/9/06 800				
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time	Remarks	
			3/9/06 1247	Temp 4°	

ANALYTICAL REPORT

Lab Number:	L0907829
Client:	Woodard & Curran 980 Washington Street Dedham, MA 02026
ATTN:	Craig Blake
Project Name:	TRANSLOAD AMERICA
Project Number:	218390
Report Date:	06/26/09

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (2003), NJ (MA935), RI (LAO00065), ME (MA0086), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: TRANSLOAD AMERICA
Project Number: 218390

Lab Number: L0907829
Report Date: 06/26/09

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L0907829-01	B-4 (0-6')	HOLBROOK, MA	06/08/09 09:00
L0907829-02	B-4 (6-10')	HOLBROOK, MA	06/08/09 09:45
L0907829-03	B-2 (0-6')	HOLBROOK, MA	06/08/09 13:00
L0907829-04	B-2 (6-10')	HOLBROOK, MA	06/08/09 13:30
L0907829-05	B-5 (0-6')	HOLBROOK, MA	06/08/09 15:15
L0907829-06	B-5 (6-10')	HOLBROOK, MA	06/09/09 08:30
L0907829-07	SAB-1 (0-4')	HOLBROOK, MA	06/09/09 11:45
L0907829-08	SAB-3B (0-6')	HOLBROOK, MA	06/11/09 00:00
L0907829-09	B-1 (0-6')	HOLBROOK, MA	06/11/09 11:30
L0907829-10	SAB-2 (0-6')	HOLBROOK, MA	06/11/09 14:30

Project Name:	TRANSLOAD AMERICA	**Lab Number:**	L0907829
Project Number:	218390	**Report Date:**	06/26/09

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A, B, C & D is required for "Presumptive Certainty" status		
A	Were all samples received by the laboratory in a condition consistent with those described on their Chain-of-Custody documentation for the data set?	YES
B	Were all QA/QC procedures required for the specified analytical methods(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
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	YES
D	VPH and EPH methods only: Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	YES

A response to questions E and F is required for "Presumptive Certainty" status		
E	Were all QC performance standards and recommendations for the specified method(s) achieved?	NO
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

For additional information, please contact Client Services at 800-624-9220.

MCP Related Narratives

Volatile Organics
In reference to question E:
The WG366791-1/-2 LCS/LCSD recoveries associated with L0907829-06 are below the acceptance criteria for Dichlorodifluoromethane (63%/63%), Acetone (LCSD at 56%) and Carbon disulfide (55%/56%); however, they have been identified as "difficult" analytes. The results of the associated samples are reported; however, all results are considered to have a potentially low bias for these compounds.
The WG367158-1 LCS recovery associated with L0907829-03, -04, -05, -08, -09 and -10 is above the

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829
Project Number: 218390 **Report Date:** 06/26/09

Case Narrative (continued)

acceptance criteria for 2-Butanone (136%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported; however, all positive detects are considered to have a potentially high bias for this compound.
The WG367158-2 LCSD recovery associated with L0907829-03, -04, -05, -08, -09 and -10 is below the acceptance criteria for Dichlorodifluoromethane (68%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported; however, all results are considered to have a potentially low bias for this compound.

Semivolatile Organics
In reference to question F:
All samples were analyzed for a subset of MCP compounds per the Client request.

EPH
L0907829-01 and -05 have elevated detection limits due to the dilutions required by matrix interferences encountered during the concentration of the samples.
In reference to question E:
In order to demonstrate the absence of aliphatic mass discrimination, the response ratio of C28 to C20 must be at least 0.85. However, for L0907829-01 and -09, the response ratio of C28 to C20 was <0.85 (0.84 for both).

Pesticides
A copy of the Degradation Standards for 4,4'-DDT and Endrin breakdown products is included as an addendum.

Metals
In reference to question F:
All samples were analyzed for a subset of MCP elements per the Chain of Custody.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Elizabeth A. Simmons

Title: Technical Director/Representative Date: 06/26/09

ORGANICS

VOLATILES

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-03	Date Collected:	06/08/09 13:00
Client ID:	B-2 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	60,8260B		
Analytical Date:	06/16/09 15:57		
Analyst:	BN		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
Methylene chloride	ND		ug/kg	18	1
1,1-Dichloroethane	ND		ug/kg	2.7	1
Chloroform	ND		ug/kg	2.7	1
Carbon tetrachloride	ND		ug/kg	1.8	1
1,2-Dichloropropane	ND		ug/kg	6.3	1
Dibromochloromethane	ND		ug/kg	1.8	1
1,1,2-Trichloroethane	ND		ug/kg	2.7	1
Tetrachloroethene	ND		ug/kg	1.8	1
Chlorobenzene	ND		ug/kg	1.8	1
Trichlorofluoromethane	ND		ug/kg	9.0	1
1,2-Dichloroethane	ND		ug/kg	1.8	1
1,1,1-Trichloroethane	ND		ug/kg	1.8	1
Bromodichloromethane	ND		ug/kg	1.8	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	1
cis-1,3-Dichloropropene	ND		ug/kg	1.8	1
1,1-Dichloropropene	ND		ug/kg	9.0	1
Bromoform	ND		ug/kg	7.2	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.8	1
Benzene	ND		ug/kg	1.8	1
Toluene	ND		ug/kg	2.7	1
Ethylbenzene	ND		ug/kg	1.8	1
Chloromethane	ND		ug/kg	9.0	1
Bromomethane	ND		ug/kg	3.6	1
Vinyl chloride	ND		ug/kg	3.6	1
Chloroethane	ND		ug/kg	3.6	1
1,1-Dichloroethene	ND		ug/kg	1.8	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	1
Trichloroethene	ND		ug/kg	1.8	1
1,2-Dichlorobenzene	ND		ug/kg	9.0	1
1,3-Dichlorobenzene	ND		ug/kg	9.0	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-03 Date Collected: 06/08/09 13:00

Client ID: B-2 (0-6') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
1,4-Dichlorobenzene	ND		ug/kg	9.0	1
Methyl tert butyl ether	ND		ug/kg	3.6	1
p/m-Xylene	ND		ug/kg	3.6	1
o-Xylene	ND		ug/kg	3.6	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	1
Dibromomethane	ND		ug/kg	18	1
1,2,3-Trichloropropane	ND		ug/kg	18	1
Styrene	ND		ug/kg	3.6	1
Dichlorodifluoromethane	ND		ug/kg	18	1
Acetone	ND		ug/kg	18	1
Carbon disulfide	ND		ug/kg	90	1
2-Butanone	ND		ug/kg	18	1
4-Methyl-2-pentanone	ND		ug/kg	18	1
2-Hexanone	ND		ug/kg	18	1
Bromochloromethane	ND		ug/kg	9.0	1
Tetrahydrofuran	ND		ug/kg	36	1
2,2-Dichloropropane	ND		ug/kg	9.0	1
1,2-Dibromoethane	ND		ug/kg	7.2	1
1,3-Dichloropropane	ND		ug/kg	9.0	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.8	1
Bromobenzene	ND		ug/kg	9.0	1
n-Butylbenzene	ND		ug/kg	1.8	1
sec-Butylbenzene	ND		ug/kg	1.8	1
tert-Butylbenzene	ND		ug/kg	9.0	1
o-Chlorotoluene	ND		ug/kg	9.0	1
p-Chlorotoluene	ND		ug/kg	9.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.0	1
Hexachlorobutadiene	ND		ug/kg	9.0	1
Isopropylbenzene	ND		ug/kg	1.8	1
p-Isopropyltoluene	ND		ug/kg	1.8	1
Naphthalene	ND		ug/kg	9.0	1
n-Propylbenzene	ND		ug/kg	1.8	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.0	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.0	1
1,3,5-Trimethylbenzene	ND		ug/kg	9.0	1
1,2,4-Trimethylbenzene	ND		ug/kg	9.0	1
Ethyl ether	ND		ug/kg	9.0	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-03 Date Collected: 06/08/09 13:00

Client ID: B-2 (0-6') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
Isopropyl Ether	ND		ug/kg	7.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	7.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	7.2	1
1,4-Dioxane	ND		ug/kg	900	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	127		70-130
Dibromofluoromethane	96		70-130

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-04	Date Collected:	06/08/09 13:30
Client ID:	B-2 (6-10')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	60,8260B		
Analytical Date:	06/16/09 16:32		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
Methylene chloride	ND		ug/kg	7.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	1
Chloroform	ND		ug/kg	1.2	1
Carbon tetrachloride	ND		ug/kg	0.78	1
1,2-Dichloropropane	ND		ug/kg	2.7	1
Dibromochloromethane	ND		ug/kg	0.78	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	1
Tetrachloroethene	ND		ug/kg	0.78	1
Chlorobenzene	ND		ug/kg	0.78	1
Trichlorofluoromethane	ND		ug/kg	3.9	1
1,2-Dichloroethane	ND		ug/kg	0.78	1
1,1,1-Trichloroethane	ND		ug/kg	0.78	1
Bromodichloromethane	ND		ug/kg	0.78	1
trans-1,3-Dichloropropene	ND		ug/kg	0.78	1
cis-1,3-Dichloropropene	ND		ug/kg	0.78	1
1,1-Dichloropropene	ND		ug/kg	3.9	1
Bromoform	ND		ug/kg	3.1	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.78	1
Benzene	ND		ug/kg	0.78	1
Toluene	ND		ug/kg	1.2	1
Ethylbenzene	ND		ug/kg	0.78	1
Chloromethane	ND		ug/kg	3.9	1
Bromomethane	ND		ug/kg	1.6	1
Vinyl chloride	ND		ug/kg	1.6	1
Chloroethane	ND		ug/kg	1.6	1
1,1-Dichloroethene	ND		ug/kg	0.78	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	1
Trichloroethene	ND		ug/kg	0.78	1
1,2-Dichlorobenzene	ND		ug/kg	3.9	1
1,3-Dichlorobenzene	ND		ug/kg	3.9	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-04 Date Collected: 06/08/09 13:30

Client ID: B-2 (6-10') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
1,4-Dichlorobenzene	ND		ug/kg	3.9	1
Methyl tert butyl ether	ND		ug/kg	1.6	1
p/m-Xylene	ND		ug/kg	1.6	1
o-Xylene	ND		ug/kg	1.6	1
cis-1,2-Dichloroethene	ND		ug/kg	0.78	1
Dibromomethane	ND		ug/kg	7.8	1
1,2,3-Trichloropropane	ND		ug/kg	7.8	1
Styrene	ND		ug/kg	1.6	1
Dichlorodifluoromethane	ND		ug/kg	7.8	1
Acetone	ND		ug/kg	7.8	1
Carbon disulfide	ND		ug/kg	39	1
2-Butanone	ND		ug/kg	7.8	1
4-Methyl-2-pentanone	ND		ug/kg	7.8	1
2-Hexanone	ND		ug/kg	7.8	1
Bromochloromethane	ND		ug/kg	3.9	1
Tetrahydrofuran	ND		ug/kg	16	1
2,2-Dichloropropane	ND		ug/kg	3.9	1
1,2-Dibromoethane	ND		ug/kg	3.1	1
1,3-Dichloropropane	ND		ug/kg	3.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.78	1
Bromobenzene	ND		ug/kg	3.9	1
n-Butylbenzene	ND		ug/kg	0.78	1
sec-Butylbenzene	ND		ug/kg	0.78	1
tert-Butylbenzene	ND		ug/kg	3.9	1
o-Chlorotoluene	ND		ug/kg	3.9	1
p-Chlorotoluene	ND		ug/kg	3.9	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1
Hexachlorobutadiene	ND		ug/kg	3.9	1
Isopropylbenzene	ND		ug/kg	0.78	1
p-Isopropyltoluene	ND		ug/kg	0.78	1
Naphthalene	ND		ug/kg	3.9	1
n-Propylbenzene	ND		ug/kg	0.78	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.9	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.9	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.9	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.9	1
Ethyl ether	ND		ug/kg	3.9	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-04 Date Collected: 06/08/09 13:30

Client ID: B-2 (6-10') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
Isopropyl Ether	ND		ug/kg	3.1	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	3.1	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	3.1	1
1,4-Dioxane	ND		ug/kg	390	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	96		70-130

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-05
Client ID: B-5 (0-6')
Sample Location: HOLBROOK, MA
Matrix: Soil
Analytical Method: 60,8260B
Analytical Date: 06/16/09 17:08
Analyst: BN
Percent Solids: 92%

Date Collected: 06/08/09 15:15
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
Methylene chloride	ND		ug/kg	10	1
1,1-Dichloroethane	ND		ug/kg	1.6	1
Chloroform	ND		ug/kg	1.6	1
Carbon tetrachloride	ND		ug/kg	1.0	1
1,2-Dichloropropane	ND		ug/kg	3.6	1
Dibromochloromethane	ND		ug/kg	1.0	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	1
Tetrachloroethene	ND		ug/kg	1.0	1
Chlorobenzene	ND		ug/kg	1.0	1
Trichlorofluoromethane	ND		ug/kg	5.2	1
1,2-Dichloroethane	ND		ug/kg	1.0	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	1
Bromodichloromethane	ND		ug/kg	1.0	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	1
1,1-Dichloropropene	ND		ug/kg	5.2	1
Bromoform	ND		ug/kg	4.2	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	1
Benzene	ND		ug/kg	1.0	1
Toluene	ND		ug/kg	1.6	1
Ethylbenzene	ND		ug/kg	1.0	1
Chloromethane	ND		ug/kg	5.2	1
Bromomethane	ND		ug/kg	2.1	1
Vinyl chloride	ND		ug/kg	2.1	1
Chloroethane	ND		ug/kg	2.1	1
1,1-Dichloroethene	ND		ug/kg	1.0	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	1
Trichloroethene	ND		ug/kg	1.0	1
1,2-Dichlorobenzene	ND		ug/kg	5.2	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-05 Date Collected: 06/08/09 15:15

Client ID: B-5 (0-6') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
1,4-Dichlorobenzene	ND		ug/kg	5.2	1
Methyl tert butyl ether	ND		ug/kg	2.1	1
p/m-Xylene	ND		ug/kg	2.1	1
o-Xylene	ND		ug/kg	2.1	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	1
Dibromomethane	ND		ug/kg	10	1
1,2,3-Trichloropropane	ND		ug/kg	10	1
Styrene	ND		ug/kg	2.1	1
Dichlorodifluoromethane	ND		ug/kg	10	1
Acetone	ND		ug/kg	10	1
Carbon disulfide	ND		ug/kg	52	1
2-Butanone	ND		ug/kg	10	1
4-Methyl-2-pentanone	ND		ug/kg	10	1
2-Hexanone	ND		ug/kg	10	1
Bromochloromethane	ND		ug/kg	5.2	1
Tetrahydrofuran	ND		ug/kg	21	1
2,2-Dichloropropane	ND		ug/kg	5.2	1
1,2-Dibromoethane	ND		ug/kg	4.2	1
1,3-Dichloropropane	ND		ug/kg	5.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	1
Bromobenzene	ND		ug/kg	5.2	1
n-Butylbenzene	ND		ug/kg	1.0	1
sec-Butylbenzene	ND		ug/kg	1.0	1
tert-Butylbenzene	ND		ug/kg	5.2	1
o-Chlorotoluene	ND		ug/kg	5.2	1
p-Chlorotoluene	ND		ug/kg	5.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	1
Hexachlorobutadiene	ND		ug/kg	5.2	1
Isopropylbenzene	ND		ug/kg	1.0	1
p-Isopropyltoluene	ND		ug/kg	1.0	1
Naphthalene	ND		ug/kg	5.2	1
n-Propylbenzene	ND		ug/kg	1.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.2	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.2	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.2	1
Ethyl ether	ND		ug/kg	5.2	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-05 Date Collected: 06/08/09 15:15

Client ID: B-5 (0-6') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
Isopropyl Ether	ND		ug/kg	4.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.2	1
1,4-Dioxane	ND		ug/kg	520	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	94		70-130

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-06
Client ID: B-5 (6-10')
Sample Location: HOLBROOK, MA
Matrix: Soil
Analytical Method: 60,8260B
Analytical Date: 06/14/09 20:23
Analyst: BN
Percent Solids: 92%

Date Collected: 06/09/09 08:30
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 5035 High - Westborough Lab					
Methylene chloride	ND		ug/kg	590	1
1,1-Dichloroethane	ND		ug/kg	89	1
Chloroform	ND		ug/kg	89	1
Carbon tetrachloride	ND		ug/kg	59	1
1,2-Dichloropropane	ND		ug/kg	210	1
Dibromochloromethane	ND		ug/kg	59	1
1,1,2-Trichloroethane	ND		ug/kg	89	1
Tetrachloroethene	ND		ug/kg	59	1
Chlorobenzene	ND		ug/kg	59	1
Trichlorofluoromethane	ND		ug/kg	300	1
1,2-Dichloroethane	ND		ug/kg	59	1
1,1,1-Trichloroethane	ND		ug/kg	59	1
Bromodichloromethane	ND		ug/kg	59	1
trans-1,3-Dichloropropene	ND		ug/kg	59	1
cis-1,3-Dichloropropene	ND		ug/kg	59	1
1,1-Dichloropropene	ND		ug/kg	300	1
Bromoform	ND		ug/kg	240	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	59	1
Benzene	ND		ug/kg	59	1
Toluene	ND		ug/kg	89	1
Ethylbenzene	ND		ug/kg	59	1
Chloromethane	ND		ug/kg	300	1
Bromomethane	ND		ug/kg	120	1
Vinyl chloride	ND		ug/kg	120	1
Chloroethane	ND		ug/kg	120	1
1,1-Dichloroethene	ND		ug/kg	59	1
trans-1,2-Dichloroethene	ND		ug/kg	89	1
Trichloroethene	ND		ug/kg	59	1
1,2-Dichlorobenzene	ND		ug/kg	300	1
1,3-Dichlorobenzene	ND		ug/kg	300	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-06 Date Collected: 06/09/09 08:30

Client ID: B-5 (6-10') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 5035 High - Westborough Lab					
1,4-Dichlorobenzene	ND		ug/kg	300	1
Methyl tert butyl ether	ND		ug/kg	120	1
p/m-Xylene	ND		ug/kg	120	1
o-Xylene	ND		ug/kg	120	1
cis-1,2-Dichloroethene	ND		ug/kg	59	1
Dibromomethane	ND		ug/kg	590	1
1,2,3-Trichloropropane	ND		ug/kg	590	1
Styrene	ND		ug/kg	120	1
Dichlorodifluoromethane	ND		ug/kg	590	1
Acetone	ND		ug/kg	590	1
Carbon disulfide	ND		ug/kg	3000	1
2-Butanone	ND		ug/kg	590	1
4-Methyl-2-pentanone	ND		ug/kg	590	1
2-Hexanone	ND		ug/kg	590	1
Bromochloromethane	ND		ug/kg	300	1
Tetrahydrofuran	ND		ug/kg	1200	1
2,2-Dichloropropane	ND		ug/kg	300	1
1,2-Dibromoethane	ND		ug/kg	240	1
1,3-Dichloropropane	ND		ug/kg	300	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	59	1
Bromobenzene	ND		ug/kg	300	1
n-Butylbenzene	ND		ug/kg	59	1
sec-Butylbenzene	ND		ug/kg	59	1
tert-Butylbenzene	ND		ug/kg	300	1
o-Chlorotoluene	ND		ug/kg	300	1
p-Chlorotoluene	ND		ug/kg	300	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	300	1
Hexachlorobutadiene	ND		ug/kg	300	1
Isopropylbenzene	ND		ug/kg	59	1
p-Isopropyltoluene	ND		ug/kg	59	1
Naphthalene	ND		ug/kg	300	1
n-Propylbenzene	ND		ug/kg	59	1
1,2,3-Trichlorobenzene	ND		ug/kg	300	1
1,2,4-Trichlorobenzene	ND		ug/kg	300	1
1,3,5-Trimethylbenzene	ND		ug/kg	300	1
1,2,4-Trimethylbenzene	ND		ug/kg	300	1
Ethyl ether	ND		ug/kg	300	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-06 Date Collected: 06/09/09 08:30

Client ID: B-5 (6-10') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 5035 High - Westborough Lab					
Isopropyl Ether	ND		ug/kg	240	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	240	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	240	1
1,4-Dioxane	ND		ug/kg	30000	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	86		70-130

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-08
Client ID: SAB-3B (0-6')
Sample Location: HOLBROOK, MA
Matrix: Soil
Analytical Method: 60,8260B
Analytical Date: 06/16/09 17:44
Analyst: BN
Percent Solids: 93%

Date Collected: 06/11/09 00:00
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
Methylene chloride	ND		ug/kg	11	1
1,1-Dichloroethane	ND		ug/kg	1.7	1
Chloroform	ND		ug/kg	1.7	1
Carbon tetrachloride	ND		ug/kg	1.1	1
1,2-Dichloropropane	ND		ug/kg	4.0	1
Dibromochloromethane	ND		ug/kg	1.1	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	1
Tetrachloroethene	ND		ug/kg	1.1	1
Chlorobenzene	ND		ug/kg	1.1	1
Trichlorofluoromethane	ND		ug/kg	5.7	1
1,2-Dichloroethane	ND		ug/kg	1.1	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	1
Bromodichloromethane	ND		ug/kg	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	1
1,1-Dichloropropene	ND		ug/kg	5.7	1
Bromoform	ND		ug/kg	4.6	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	1
Benzene	ND		ug/kg	1.1	1
Toluene	ND		ug/kg	1.7	1
Ethylbenzene	ND		ug/kg	1.1	1
Chloromethane	ND		ug/kg	5.7	1
Bromomethane	ND		ug/kg	2.3	1
Vinyl chloride	ND		ug/kg	2.3	1
Chloroethane	ND		ug/kg	2.3	1
1,1-Dichloroethene	ND		ug/kg	1.1	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	1
Trichloroethene	ND		ug/kg	1.1	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	1
1,3-Dichlorobenzene	ND		ug/kg	5.7	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-08 Date Collected: 06/11/09 00:00

Client ID: SAB-3B (0-6') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
1,4-Dichlorobenzene	ND		ug/kg	5.7	1
Methyl tert butyl ether	ND		ug/kg	2.3	1
p/m-Xylene	ND		ug/kg	2.3	1
o-Xylene	ND		ug/kg	2.3	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	1
Dibromomethane	ND		ug/kg	11	1
1,2,3-Trichloropropane	ND		ug/kg	11	1
Styrene	ND		ug/kg	2.3	1
Dichlorodifluoromethane	ND		ug/kg	11	1
Acetone	ND		ug/kg	11	1
Carbon disulfide	ND		ug/kg	57	1
2-Butanone	ND		ug/kg	11	1
4-Methyl-2-pentanone	ND		ug/kg	11	1
2-Hexanone	ND		ug/kg	11	1
Bromochloromethane	ND		ug/kg	5.7	1
Tetrahydrofuran	ND		ug/kg	23	1
2,2-Dichloropropane	ND		ug/kg	5.7	1
1,2-Dibromoethane	ND		ug/kg	4.6	1
1,3-Dichloropropane	ND		ug/kg	5.7	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	1
Bromobenzene	ND		ug/kg	5.7	1
n-Butylbenzene	ND		ug/kg	1.1	1
sec-Butylbenzene	ND		ug/kg	1.1	1
tert-Butylbenzene	ND		ug/kg	5.7	1
o-Chlorotoluene	ND		ug/kg	5.7	1
p-Chlorotoluene	ND		ug/kg	5.7	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	1
Hexachlorobutadiene	ND		ug/kg	5.7	1
Isopropylbenzene	ND		ug/kg	1.1	1
p-Isopropyltoluene	ND		ug/kg	1.1	1
Naphthalene	ND		ug/kg	5.7	1
n-Propylbenzene	ND		ug/kg	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.7	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.7	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	1
Ethyl ether	ND		ug/kg	5.7	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-08 Date Collected: 06/11/09 00:00

Client ID: SAB-3B (0-6') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
Isopropyl Ether	ND		ug/kg	4.6	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.6	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.6	1
1,4-Dioxane	ND		ug/kg	570	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	98		70-130

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-09
Client ID: B-1 (0-6')
Sample Location: HOLBROOK, MA
Matrix: Soil
Analytical Method: 60,8260B
Analytical Date: 06/16/09 18:20
Analyst: BN
Percent Solids: 96%

Date Collected: 06/11/09 11:30
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
Methylene chloride	ND		ug/kg	18	1
1,1-Dichloroethane	ND		ug/kg	2.7	1
Chloroform	ND		ug/kg	2.7	1
Carbon tetrachloride	ND		ug/kg	1.8	1
1,2-Dichloropropane	ND		ug/kg	6.3	1
Dibromochloromethane	ND		ug/kg	1.8	1
1,1,2-Trichloroethane	ND		ug/kg	2.7	1
Tetrachloroethene	ND		ug/kg	1.8	1
Chlorobenzene	ND		ug/kg	1.8	1
Trichlorofluoromethane	ND		ug/kg	9.0	1
1,2-Dichloroethane	ND		ug/kg	1.8	1
1,1,1-Trichloroethane	ND		ug/kg	1.8	1
Bromodichloromethane	ND		ug/kg	1.8	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	1
cis-1,3-Dichloropropene	ND		ug/kg	1.8	1
1,1-Dichloropropene	ND		ug/kg	9.0	1
Bromoform	ND		ug/kg	7.2	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.8	1
Benzene	ND		ug/kg	1.8	1
Toluene	ND		ug/kg	2.7	1
Ethylbenzene	ND		ug/kg	1.8	1
Chloromethane	ND		ug/kg	9.0	1
Bromomethane	ND		ug/kg	3.6	1
Vinyl chloride	ND		ug/kg	3.6	1
Chloroethane	ND		ug/kg	3.6	1
1,1-Dichloroethene	ND		ug/kg	1.8	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	1
Trichloroethene	ND		ug/kg	1.8	1
1,2-Dichlorobenzene	ND		ug/kg	9.0	1
1,3-Dichlorobenzene	ND		ug/kg	9.0	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-09 Date Collected: 06/11/09 11:30

Client ID: B-1 (0-6') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
1,4-Dichlorobenzene	ND		ug/kg	9.0	1
Methyl tert butyl ether	ND		ug/kg	3.6	1
p/m-Xylene	ND		ug/kg	3.6	1
o-Xylene	ND		ug/kg	3.6	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	1
Dibromomethane	ND		ug/kg	18	1
1,2,3-Trichloropropane	ND		ug/kg	18	1
Styrene	ND		ug/kg	3.6	1
Dichlorodifluoromethane	ND		ug/kg	18	1
Acetone	ND		ug/kg	18	1
Carbon disulfide	ND		ug/kg	90	1
2-Butanone	ND		ug/kg	18	1
4-Methyl-2-pentanone	ND		ug/kg	18	1
2-Hexanone	ND		ug/kg	18	1
Bromochloromethane	ND		ug/kg	9.0	1
Tetrahydrofuran	ND		ug/kg	36	1
2,2-Dichloropropane	ND		ug/kg	9.0	1
1,2-Dibromoethane	ND		ug/kg	7.2	1
1,3-Dichloropropane	ND		ug/kg	9.0	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.8	1
Bromobenzene	ND		ug/kg	9.0	1
n-Butylbenzene	ND		ug/kg	1.8	1
sec-Butylbenzene	ND		ug/kg	1.8	1
tert-Butylbenzene	ND		ug/kg	9.0	1
o-Chlorotoluene	ND		ug/kg	9.0	1
p-Chlorotoluene	ND		ug/kg	9.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.0	1
Hexachlorobutadiene	ND		ug/kg	9.0	1
Isopropylbenzene	ND		ug/kg	1.8	1
p-Isopropyltoluene	ND		ug/kg	1.8	1
Naphthalene	ND		ug/kg	9.0	1
n-Propylbenzene	ND		ug/kg	1.8	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.0	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.0	1
1,3,5-Trimethylbenzene	ND		ug/kg	9.0	1
1,2,4-Trimethylbenzene	ND		ug/kg	9.0	1
Ethyl ether	ND		ug/kg	9.0	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-09 Date Collected: 06/11/09 11:30

Client ID: B-1 (0-6') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
Isopropyl Ether	ND		ug/kg	7.2	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	7.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	7.2	1
1,4-Dioxane	ND		ug/kg	900	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	94		70-130

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-10	Date Collected:	06/11/09 14:30
Client ID:	SAB-2 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	60,8260B		
Analytical Date:	06/16/09 18:56		
Analyst:	BN		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
Methylene chloride	ND		ug/kg	12	1
1,1-Dichloroethane	ND		ug/kg	1.9	1
Chloroform	ND		ug/kg	1.9	1
Carbon tetrachloride	ND		ug/kg	1.2	1
1,2-Dichloropropane	ND		ug/kg	4.4	1
Dibromochloromethane	ND		ug/kg	1.2	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	1
Tetrachloroethene	ND		ug/kg	1.2	1
Chlorobenzene	ND		ug/kg	1.2	1
Trichlorofluoromethane	ND		ug/kg	6.2	1
1,2-Dichloroethane	ND		ug/kg	1.2	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	1
Bromodichloromethane	ND		ug/kg	1.2	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	1
1,1-Dichloropropene	ND		ug/kg	6.2	1
Bromoform	ND		ug/kg	5.0	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	1
Benzene	ND		ug/kg	1.2	1
Toluene	ND		ug/kg	1.9	1
Ethylbenzene	ND		ug/kg	1.2	1
Chloromethane	ND		ug/kg	6.2	1
Bromomethane	ND		ug/kg	2.5	1
Vinyl chloride	ND		ug/kg	2.5	1
Chloroethane	ND		ug/kg	2.5	1
1,1-Dichloroethene	ND		ug/kg	1.2	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	1
Trichloroethene	ND		ug/kg	1.2	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-10 Date Collected: 06/11/09 14:30

Client ID: SAB-2 (0-6') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
1,4-Dichlorobenzene	ND		ug/kg	6.2	1
Methyl tert butyl ether	ND		ug/kg	2.5	1
p/m-Xylene	ND		ug/kg	2.5	1
o-Xylene	ND		ug/kg	2.5	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	1
Dibromomethane	ND		ug/kg	12	1
1,2,3-Trichloropropane	ND		ug/kg	12	1
Styrene	ND		ug/kg	2.5	1
Dichlorodifluoromethane	ND		ug/kg	12	1
Acetone	67		ug/kg	12	1
Carbon disulfide	ND		ug/kg	62	1
2-Butanone	ND		ug/kg	12	1
4-Methyl-2-pentanone	ND		ug/kg	12	1
2-Hexanone	ND		ug/kg	12	1
Bromochloromethane	ND		ug/kg	6.2	1
Tetrahydrofuran	ND		ug/kg	25	1
2,2-Dichloropropane	ND		ug/kg	6.2	1
1,2-Dibromoethane	ND		ug/kg	5.0	1
1,3-Dichloropropane	ND		ug/kg	6.2	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	1
Bromobenzene	ND		ug/kg	6.2	1
n-Butylbenzene	ND		ug/kg	1.2	1
sec-Butylbenzene	ND		ug/kg	1.2	1
tert-Butylbenzene	ND		ug/kg	6.2	1
o-Chlorotoluene	ND		ug/kg	6.2	1
p-Chlorotoluene	ND		ug/kg	6.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	1
Hexachlorobutadiene	ND		ug/kg	6.2	1
Isopropylbenzene	ND		ug/kg	1.2	1
p-Isopropyltoluene	ND		ug/kg	1.2	1
Naphthalene	ND		ug/kg	6.2	1
n-Propylbenzene	ND		ug/kg	1.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	1
Ethyl ether	ND		ug/kg	6.2	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-10 Date Collected: 06/11/09 14:30

Client ID: SAB-2 (0-6') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Volatile Organics by 8260B/5035 - Westborough Lab					
Isopropyl Ether	ND		ug/kg	5.0	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	5.0	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	5.0	1
1,4-Dioxane	ND		ug/kg	620	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	93		70-130

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 06/14/09 10:24
Analyst: BN

Parameter	Result	Qualifier	Units	RDL
MCP Volatile Organics by 5035 High - Westborough Lab for sample(s): 06 Batch: WG366791-3				
Methylene chloride	ND		ug/kg	500
1,1-Dichloroethane	ND		ug/kg	75
Chloroform	ND		ug/kg	75
Carbon tetrachloride	ND		ug/kg	50
1,2-Dichloropropane	ND		ug/kg	180
Dibromochloromethane	ND		ug/kg	50
1,1,2-Trichloroethane	ND		ug/kg	75
Tetrachloroethene	ND		ug/kg	50
Chlorobenzene	ND		ug/kg	50
Trichlorofluoromethane	ND		ug/kg	250
1,2-Dichloroethane	ND		ug/kg	50
1,1,1-Trichloroethane	ND		ug/kg	50
Bromodichloromethane	ND		ug/kg	50
trans-1,3-Dichloropropene	ND		ug/kg	50
cis-1,3-Dichloropropene	ND		ug/kg	50
1,1-Dichloropropene	ND		ug/kg	250
Bromoform	ND		ug/kg	200
1,1,2,2-Tetrachloroethane	ND		ug/kg	50
Benzene	ND		ug/kg	50
Toluene	ND		ug/kg	75
Ethylbenzene	ND		ug/kg	50
Chloromethane	ND		ug/kg	250
Bromomethane	ND		ug/kg	100
Vinyl chloride	ND		ug/kg	100
Chloroethane	ND		ug/kg	100
1,1-Dichloroethene	ND		ug/kg	50
trans-1,2-Dichloroethene	ND		ug/kg	75
Trichloroethene	ND		ug/kg	50
1,2-Dichlorobenzene	ND		ug/kg	250
1,3-Dichlorobenzene	ND		ug/kg	250
1,4-Dichlorobenzene	ND		ug/kg	250

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 06/14/09 10:24
Analyst: BN

Parameter	Result	Qualifier	Units	RDL
MCP Volatile Organics by 5035 High - Westborough Lab for sample(s): 06 Batch: WG366791-3				
Methyl tert butyl ether	ND		ug/kg	100
p/m-Xylene	ND		ug/kg	100
o-Xylene	ND		ug/kg	100
cis-1,2-Dichloroethene	ND		ug/kg	50
Dibromomethane	ND		ug/kg	500
1,2,3-Trichloropropane	ND		ug/kg	500
Styrene	ND		ug/kg	100
Dichlorodifluoromethane	ND		ug/kg	500
Acetone	ND		ug/kg	500
Carbon disulfide	ND		ug/kg	2500
2-Butanone	ND		ug/kg	500
4-Methyl-2-pentanone	ND		ug/kg	500
2-Hexanone	ND		ug/kg	500
Bromochloromethane	ND		ug/kg	250
Tetrahydrofuran	ND		ug/kg	1000
2,2-Dichloropropane	ND		ug/kg	250
1,2-Dibromoethane	ND		ug/kg	200
1,3-Dichloropropane	ND		ug/kg	250
1,1,1,2-Tetrachloroethane	ND		ug/kg	50
Bromobenzene	ND		ug/kg	250
n-Butylbenzene	ND		ug/kg	50
sec-Butylbenzene	ND		ug/kg	50
tert-Butylbenzene	ND		ug/kg	250
o-Chlorotoluene	ND		ug/kg	250
p-Chlorotoluene	ND		ug/kg	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	250
Hexachlorobutadiene	ND		ug/kg	250
Isopropylbenzene	ND		ug/kg	50
p-Isopropyltoluene	ND		ug/kg	50
Naphthalene	ND		ug/kg	250
n-Propylbenzene	ND		ug/kg	50

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 06/14/09 10:24
Analyst: BN

Parameter	Result	Qualifier	Units	RDL
MCP Volatile Organics by 5035 High - Westborough Lab for sample(s): 06 Batch: WG366791-3				
1,2,3-Trichlorobenzene	ND		ug/kg	250
1,2,4-Trichlorobenzene	ND		ug/kg	250
1,3,5-Trimethylbenzene	ND		ug/kg	250
1,2,4-Trimethylbenzene	ND		ug/kg	250
Ethyl ether	ND		ug/kg	250
Isopropyl Ether	ND		ug/kg	200
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200
Tertiary-Amyl Methyl Ether	ND		ug/kg	200
1,4-Dioxane	ND		ug/kg	25000

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	90		70-130

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 06/16/09 15:22
Analyst: BN

Parameter	Result	Qualifier	Units	RDL
MCP Volatile Organics by 8260B/5035 - Westborough Lab for sample(s): 03-05,08-10 Batch: WG367158-3				
Methylene chloride	ND		ug/kg	10
1,1-Dichloroethane	ND		ug/kg	1.5
Chloroform	ND		ug/kg	1.5
Carbon tetrachloride	ND		ug/kg	1.0
1,2-Dichloropropane	ND		ug/kg	3.5
Dibromochloromethane	ND		ug/kg	1.0
1,1,2-Trichloroethane	ND		ug/kg	1.5
Tetrachloroethene	ND		ug/kg	1.0
Chlorobenzene	ND		ug/kg	1.0
Trichlorofluoromethane	ND		ug/kg	5.0
1,2-Dichloroethane	ND		ug/kg	1.0
1,1,1-Trichloroethane	ND		ug/kg	1.0
Bromodichloromethane	ND		ug/kg	1.0
trans-1,3-Dichloropropene	ND		ug/kg	1.0
cis-1,3-Dichloropropene	ND		ug/kg	1.0
1,1-Dichloropropene	ND		ug/kg	5.0
Bromoform	ND		ug/kg	4.0
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0
Benzene	ND		ug/kg	1.0
Toluene	ND		ug/kg	1.5
Ethylbenzene	ND		ug/kg	1.0
Chloromethane	ND		ug/kg	5.0
Bromomethane	ND		ug/kg	2.0
Vinyl chloride	ND		ug/kg	2.0
Chloroethane	ND		ug/kg	2.0
1,1-Dichloroethene	ND		ug/kg	1.0
trans-1,2-Dichloroethene	ND		ug/kg	1.5
Trichloroethene	ND		ug/kg	1.0
1,2-Dichlorobenzene	ND		ug/kg	5.0
1,3-Dichlorobenzene	ND		ug/kg	5.0

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 06/16/09 15:22
Analyst: BN

Parameter	Result	Qualifier	Units	RDL
MCP Volatile Organics by 8260B/5035 - Westborough Lab for sample(s): 03-05,08-10 Batch: WG367158-3				
1,4-Dichlorobenzene	ND		ug/kg	5.0
Methyl tert butyl ether	ND		ug/kg	2.0
p/m-Xylene	ND		ug/kg	2.0
o-Xylene	ND		ug/kg	2.0
cis-1,2-Dichloroethene	ND		ug/kg	1.0
Dibromomethane	ND		ug/kg	10
1,2,3-Trichloropropane	ND		ug/kg	10
Styrene	ND		ug/kg	2.0
Dichlorodifluoromethane	ND		ug/kg	10
Acetone	ND		ug/kg	10
Carbon disulfide	ND		ug/kg	50
2-Butanone	ND		ug/kg	10
4-Methyl-2-pentanone	ND		ug/kg	10
2-Hexanone	ND		ug/kg	10
Bromochloromethane	ND		ug/kg	5.0
Tetrahydrofuran	ND		ug/kg	20
2,2-Dichloropropane	ND		ug/kg	5.0
1,2-Dibromoethane	ND		ug/kg	4.0
1,3-Dichloropropane	ND		ug/kg	5.0
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0
Bromobenzene	ND		ug/kg	5.0
n-Butylbenzene	ND		ug/kg	1.0
sec-Butylbenzene	ND		ug/kg	1.0
tert-Butylbenzene	ND		ug/kg	5.0
o-Chlorotoluene	ND		ug/kg	5.0
p-Chlorotoluene	ND		ug/kg	5.0
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0
Hexachlorobutadiene	ND		ug/kg	5.0
Isopropylbenzene	ND		ug/kg	1.0
p-Isopropyltoluene	ND		ug/kg	1.0

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 06/16/09 15:22
Analyst: BN

Parameter	Result	Qualifier	Units	RDL
MCP Volatile Organics by 8260B/5035 - Westborough Lab for sample(s): 03-05,08-10 Batch: WG367158-3				
Naphthalene	ND		ug/kg	5.0
n-Propylbenzene	ND		ug/kg	1.0
1,2,3-Trichlorobenzene	ND		ug/kg	5.0
1,2,4-Trichlorobenzene	ND		ug/kg	5.0
1,3,5-Trimethylbenzene	ND		ug/kg	5.0
1,2,4-Trimethylbenzene	ND		ug/kg	5.0
Ethyl ether	ND		ug/kg	5.0
Isopropyl Ether	ND		ug/kg	4.0
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0
1,4-Dioxane	ND		ug/kg	500

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
MCP Volatile Organics by 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG366791-1 WG366791-2					
Methylene chloride	76	76	70-130	0	25
1,1-Dichloroethane	86	89	70-130	3	25
Chloroform	87	88	70-130	1	25
Carbon tetrachloride	88	88	70-130	0	25
1,2-Dichloropropane	89	92	70-130	3	25
Dibromochloromethane	105	104	70-130	1	25
1,1,2-Trichloroethane	102	105	70-130	3	25
Tetrachloroethene	115	110	70-130	4	25
Chlorobenzene	108	108	70-130	0	25
Trichlorofluoromethane	86	88	70-130	2	25
1,2-Dichloroethane	89	96	70-130	8	25
1,1,1-Trichloroethane	91	89	70-130	2	25
Bromodichloromethane	92	93	70-130	1	25
trans-1,3-Dichloropropene	109	108	70-130	1	25
cis-1,3-Dichloropropene	79	80	70-130	1	25
1,1-Dichloropropene	90	89	70-130	1	25
Bromoform	118	120	70-130	2	50
1,1,2,2-Tetrachloroethane	112	107	70-130	5	25
Benzene	84	87	70-130	4	25
Toluene	103	102	70-130	1	25
Ethylbenzene	111	109	70-130	2	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
MCP Volatile Organics by 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG366791-1 WG366791-2					
Chloromethane	72	71	70-130	1	50
Bromomethane	121	111	70-130	9	50
Vinyl chloride	82	84	70-130	2	25
Chloroethane	89	89	70-130	0	25
1,1-Dichloroethene	80	78	70-130	3	25
trans-1,2-Dichloroethene	84	84	70-130	0	25
Trichloroethene	77	78	70-130	1	25
1,2-Dichlorobenzene	117	117	70-130	0	25
1,3-Dichlorobenzene	116	118	70-130	2	25
1,4-Dichlorobenzene	118	119	70-130	1	25
Methyl tert butyl ether	82	83	70-130	1	25
p/m-Xylene	115	113	70-130	2	25
o-Xylene	109	107	70-130	2	25
cis-1,2-Dichloroethene	86	88	70-130	2	25
Dibromomethane	85	86	70-130	1	25
1,2,3-Trichloropropane	119	122	70-130	2	25
Styrene	111	109	70-130	2	25
Dichlorodifluoromethane	**63**	**63**	70-130	0	50
Acetone	72	**56**	70-130	25	50
Carbon disulfide	**55**	**56**	70-130	2	50
2-Butanone	116	111	70-130	4	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
MCP Volatile Organics by 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG366791-1 WG366791-2					
4-Methyl-2-pentanone	90	88	70-130	2	50
2-Hexanone	104	98	70-130	6	50
Bromochloromethane	87	88	70-130	1	25
Tetrahydrofuran	88	85	70-130	3	25
2,2-Dichloropropane	96	99	70-130	3	50
1,2-Dibromoethane	107	103	70-130	4	25
1,3-Dichloropropane	108	104	70-130	4	25
1,1,1,2-Tetrachloroethane	113	109	70-130	4	25
Bromobenzene	120	116	70-130	3	25
n-Butylbenzene	115	113	70-130	2	25
sec-Butylbenzene	115	115	70-130	0	25
tert-Butylbenzene	117	118	70-130	1	25
o-Chlorotoluene	112	113	70-130	1	25
p-Chlorotoluene	114	112	70-130	2	25
1,2-Dibromo-3-chloropropane	111	100	70-130	10	50
Hexachlorobutadiene	117	119	70-130	2	25
Isopropylbenzene	118	118	70-130	0	25
p-Isopropyltoluene	124	122	70-130	2	25
Naphthalene	97	95	70-130	2	25
n-Propylbenzene	114	114	70-130	0	25
1,2,3-Trichlorobenzene	112	112	70-130	0	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
MCP Volatile Organics by 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG366791-1 WG366791-2					
1,2,4-Trichlorobenzene	115	113	70-130	2	25
1,3,5-Trimethylbenzene	117	118	70-130	1	25
1,2,4-Trimethylbenzene	116	118	70-130	2	25
Ethyl ether	73	71	70-130	3	25
Isopropyl Ether	84	81	70-130	4	25
Ethyl-Tert-Butyl-Ether	84	85	70-130	1	25
Tertiary-Amyl Methyl Ether	80	80	70-130	0	25
1,4-Dioxane	84	77	70-130	9	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		94		70-130
Toluene-d8	114		110		70-130
4-Bromofluorobenzene	100		102		70-130
Dibromofluoromethane	90		87		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
MCP Volatile Organics by 8260B/5035 - Westborough Lab Associated sample(s): 03-05,08-10 Batch: WG367158-1 WG367158-2					
Methylene chloride	82	82	70-130	0	25
1,1-Dichloroethane	94	91	70-130	3	25
Chloroform	90	89	70-130	1	25
Carbon tetrachloride	90	89	70-130	1	25
1,2-Dichloropropane	95	93	70-130	2	25
Dibromochloromethane	100	99	70-130	1	25
1,1,2-Trichloroethane	99	100	70-130	1	25
Tetrachloroethene	107	104	70-130	3	25
Chlorobenzene	102	103	70-130	1	25
Trichlorofluoromethane	92	90	70-130	2	25
1,2-Dichloroethane	96	93	70-130	3	25
1,1,1-Trichloroethane	91	90	70-130	1	25
Bromodichloromethane	95	94	70-130	1	25
trans-1,3-Dichloropropene	103	101	70-130	2	25
cis-1,3-Dichloropropene	80	78	70-130	3	25
1,1-Dichloropropene	91	90	70-130	1	25
Bromoform	109	106	70-130	3	50
1,1,2,2-Tetrachloroethane	105	97	70-130	8	25
Benzene	88	89	70-130	1	25
Toluene	96	97	70-130	1	25
Ethylbenzene	105	102	70-130	3	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
MCP Volatile Organics by 8260B/5035 - Westborough Lab Associated sample(s): 03-05,08-10 Batch: WG367158-1 WG367158-2					
Chloromethane	77	76	70-130	1	50
Bromomethane	127	118	70-130	7	50
Vinyl chloride	89	86	70-130	3	25
Chloroethane	93	92	70-130	1	25
1,1-Dichloroethene	80	78	70-130	3	25
trans-1,2-Dichloroethene	91	88	70-130	3	25
Trichloroethene	77	78	70-130	1	25
1,2-Dichlorobenzene	108	108	70-130	0	25
1,3-Dichlorobenzene	110	110	70-130	0	25
1,4-Dichlorobenzene	111	112	70-130	1	25
Methyl tert butyl ether	103	97	70-130	6	25
p/m-Xylene	108	108	70-130	0	25
o-Xylene	112	108	70-130	4	25
cis-1,2-Dichloroethene	92	90	70-130	2	25
Dibromomethane	91	88	70-130	3	25
1,2,3-Trichloropropane	116	110	70-130	5	25
Styrene	113	111	70-130	2	25
Dichlorodifluoromethane	71	**68**	70-130	4	50
Acetone	80	88	70-130	10	50
Carbon disulfide	82	80	70-130	2	50
2-Butanone	**136**	128	70-130	6	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
MCP Volatile Organics by 8260B/5035 - Westborough Lab Associated sample(s): 03-05,08-10 Batch: WG367158-1 WG367158-2					
4-Methyl-2-pentanone	106	92	70-130	14	50
2-Hexanone	114	99	70-130	14	50
Bromochloromethane	94	89	70-130	5	25
Tetrahydrofuran	115	98	70-130	16	25
2,2-Dichloropropane	97	96	70-130	1	50
1,2-Dibromoethane	106	96	70-130	10	25
1,3-Dichloropropane	104	100	70-130	4	25
1,1,1,2-Tetrachloroethane	103	102	70-130	1	25
Bromobenzene	108	109	70-130	1	25
n-Butylbenzene	104	106	70-130	2	25
sec-Butylbenzene	104	106	70-130	2	25
tert-Butylbenzene	104	109	70-130	5	25
o-Chlorotoluene	103	103	70-130	0	25
p-Chlorotoluene	103	106	70-130	3	25
1,2-Dibromo-3-chloropropane	94	94	70-130	0	50
Hexachlorobutadiene	110	111	70-130	1	25
Isopropylbenzene	107	106	70-130	1	25
p-Isopropyltoluene	111	113	70-130	2	25
Naphthalene	88	87	70-130	1	25
n-Propylbenzene	102	103	70-130	1	25
1,2,3-Trichlorobenzene	103	106	70-130	3	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
MCP Volatile Organics by 8260B/5035 - Westborough Lab Associated sample(s): 03-05,08-10 Batch: WG367158-1 WG367158-2					
1,2,4-Trichlorobenzene	104	106	70-130	2	25
1,3,5-Trimethylbenzene	108	110	70-130	2	25
1,2,4-Trimethylbenzene	106	107	70-130	1	25
Ethyl ether	100	95	70-130	5	25
Isopropyl Ether	98	95	70-130	3	25
Ethyl-Tert-Butyl-Ether	102	98	70-130	4	25
Tertiary-Amyl Methyl Ether	96	91	70-130	5	25
1,4-Dioxane	101	95	70-130	6	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		95		70-130
Toluene-d8	111		109		70-130
4-Bromofluorobenzene	96		98		70-130
Dibromofluoromethane	94		91		70-130

SEMIVOLATILES

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-01	Date Collected:	06/08/09 09:00
Client ID:	B-4 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3545
Analytical Method:	64,8270C	Extraction Date:	06/13/09 11:17
Analytical Date:	06/26/09 10:02		
Analyst:	AK		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Base/Neutral Extractables - Westborough Lab					
Acenaphthene	ND		ug/kg	360	1
1,2,4-Trichlorobenzene	ND		ug/kg	360	1
Hexachlorobenzene	ND		ug/kg	360	1
Bis(2-chloroethyl)ether	ND		ug/kg	360	1
2-Chloronaphthalene	ND		ug/kg	360	1
1,2-Dichlorobenzene	ND		ug/kg	360	1
1,3-Dichlorobenzene	ND		ug/kg	360	1
1,4-Dichlorobenzene	ND		ug/kg	360	1
3,3'-Dichlorobenzidine	ND		ug/kg	720	1
2,4-Dinitrotoluene	ND		ug/kg	360	1
2,6-Dinitrotoluene	ND		ug/kg	360	1
Azobenzene	ND		ug/kg	360	1
Fluoranthene	560		ug/kg	360	1
4-Bromophenyl phenyl ether	ND		ug/kg	360	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	360	1
Bis(2-chloroethoxy)methane	ND		ug/kg	360	1
Hexachlorobutadiene	ND		ug/kg	720	1
Hexachloroethane	ND		ug/kg	360	1
Isophorone	ND		ug/kg	360	1
Naphthalene	ND		ug/kg	360	1
Nitrobenzene	ND		ug/kg	360	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	720	1
Butyl benzyl phthalate	ND		ug/kg	360	1
Di-n-butylphthalate	ND		ug/kg	360	1
Di-n-octylphthalate	ND		ug/kg	360	1
Diethyl phthalate	ND		ug/kg	360	1
Dimethyl phthalate	ND		ug/kg	360	1
Benzo(a)anthracene	ND		ug/kg	360	1
Benzo(a)pyrene	ND		ug/kg	360	1
Benzo(b)fluoranthene	420		ug/kg	360	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-01 Date Collected: 06/08/09 09:00

Client ID: B-4 (0-6') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Base/Neutral Extractables - Westborough Lab					
Benzo(k)fluoranthene	ND		ug/kg	360	1
Chrysene	ND		ug/kg	360	1
Acenaphthylene	ND		ug/kg	360	1
Anthracene	ND		ug/kg	360	1
Benzo(ghi)perylene	ND		ug/kg	360	1
Fluorene	ND		ug/kg	360	1
Phenanthrene	ND		ug/kg	360	1
Dibenzo(a,h)anthracene	ND		ug/kg	360	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	360	1
Pyrene	500		ug/kg	360	1
Aniline	ND		ug/kg	720	1
4-Chloroaniline	ND		ug/kg	360	1
Dibenzofuran	ND		ug/kg	360	1
2-Methylnaphthalene	ND		ug/kg	360	1
Acetophenone	ND		ug/kg	1400	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	96		30-130
2-Fluorobiphenyl	84		30-130
4-Terphenyl-d14	95		30-130

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-02	Date Collected:	06/08/09 09:45
Client ID:	B-4 (6-10')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3545
Analytical Method:	64,8270C	Extraction Date:	06/13/09 11:17
Analytical Date:	06/18/09 03:26		
Analyst:	AK		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Base/Neutral Extractables - Westborough Lab					
Acenaphthene	ND		ug/kg	380	1
1,2,4-Trichlorobenzene	ND		ug/kg	380	1
Hexachlorobenzene	ND		ug/kg	380	1
Bis(2-chloroethyl)ether	ND		ug/kg	380	1
2-Chloronaphthalene	ND		ug/kg	380	1
1,2-Dichlorobenzene	ND		ug/kg	380	1
1,3-Dichlorobenzene	ND		ug/kg	380	1
1,4-Dichlorobenzene	ND		ug/kg	380	1
3,3'-Dichlorobenzidine	ND		ug/kg	760	1
2,4-Dinitrotoluene	ND		ug/kg	380	1
2,6-Dinitrotoluene	ND		ug/kg	380	1
Azobenzene	ND		ug/kg	380	1
Fluoranthene	ND		ug/kg	380	1
4-Bromophenyl phenyl ether	ND		ug/kg	380	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	380	1
Bis(2-chloroethoxy)methane	ND		ug/kg	380	1
Hexachlorobutadiene	ND		ug/kg	760	1
Hexachloroethane	ND		ug/kg	380	1
Isophorone	ND		ug/kg	380	1
Naphthalene	ND		ug/kg	380	1
Nitrobenzene	ND		ug/kg	380	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	760	1
Butyl benzyl phthalate	ND		ug/kg	380	1
Di-n-butylphthalate	ND		ug/kg	380	1
Di-n-octylphthalate	ND		ug/kg	380	1
Diethyl phthalate	ND		ug/kg	380	1
Dimethyl phthalate	ND		ug/kg	380	1
Benzo(a)anthracene	ND		ug/kg	380	1
Benzo(a)pyrene	ND		ug/kg	380	1
Benzo(b)fluoranthene	ND		ug/kg	380	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-02 Date Collected: 06/08/09 09:45

Client ID: B-4 (6-10') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Base/Neutral Extractables - Westborough Lab					
Benzo(k)fluoranthene	ND		ug/kg	380	1
Chrysene	ND		ug/kg	380	1
Acenaphthylene	ND		ug/kg	380	1
Anthracene	ND		ug/kg	380	1
Benzo(ghi)perylene	ND		ug/kg	380	1
Fluorene	ND		ug/kg	380	1
Phenanthrene	ND		ug/kg	380	1
Dibenzo(a,h)anthracene	ND		ug/kg	380	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	380	1
Pyrene	ND		ug/kg	380	1
Aniline	ND		ug/kg	760	1
4-Chloroaniline	ND		ug/kg	380	1
Dibenzofuran	ND		ug/kg	380	1
2-Methylnaphthalene	ND		ug/kg	380	1
Acetophenone	ND		ug/kg	1500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	65		30-130
2-Fluorobiphenyl	63		30-130
4-Terphenyl-d14	71		30-130

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-05	Date Collected:	06/08/09 15:15
Client ID:	B-5 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3545
Analytical Method:	64,8270C	Extraction Date:	06/13/09 11:17
Analytical Date:	06/26/09 10:27		
Analyst:	AK		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Base/Neutral Extractables - Westborough Lab					
Acenaphthene	ND		ug/kg	360	1
1,2,4-Trichlorobenzene	ND		ug/kg	360	1
Hexachlorobenzene	ND		ug/kg	360	1
Bis(2-chloroethyl)ether	ND		ug/kg	360	1
2-Chloronaphthalene	ND		ug/kg	360	1
1,2-Dichlorobenzene	ND		ug/kg	360	1
1,3-Dichlorobenzene	ND		ug/kg	360	1
1,4-Dichlorobenzene	ND		ug/kg	360	1
3,3'-Dichlorobenzidine	ND		ug/kg	720	1
2,4-Dinitrotoluene	ND		ug/kg	360	1
2,6-Dinitrotoluene	ND		ug/kg	360	1
Azobenzene	ND		ug/kg	360	1
Fluoranthene	ND		ug/kg	360	1
4-Bromophenyl phenyl ether	ND		ug/kg	360	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	360	1
Bis(2-chloroethoxy)methane	ND		ug/kg	360	1
Hexachlorobutadiene	ND		ug/kg	720	1
Hexachloroethane	ND		ug/kg	360	1
Isophorone	ND		ug/kg	360	1
Naphthalene	ND		ug/kg	360	1
Nitrobenzene	ND		ug/kg	360	1
Bis(2-Ethylhexyl)phthalate	1300		ug/kg	720	1
Butyl benzyl phthalate	ND		ug/kg	360	1
Di-n-butylphthalate	ND		ug/kg	360	1
Di-n-octylphthalate	ND		ug/kg	360	1
Diethyl phthalate	ND		ug/kg	360	1
Dimethyl phthalate	ND		ug/kg	360	1
Benzo(a)anthracene	ND		ug/kg	360	1
Benzo(a)pyrene	ND		ug/kg	360	1
Benzo(b)fluoranthene	ND		ug/kg	360	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-05 Date Collected: 06/08/09 15:15

Client ID: B-5 (0-6') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Base/Neutral Extractables - Westborough Lab					
Benzo(k)fluoranthene	ND		ug/kg	360	1
Chrysene	ND		ug/kg	360	1
Acenaphthylene	ND		ug/kg	360	1
Anthracene	ND		ug/kg	360	1
Benzo(ghi)perylene	ND		ug/kg	360	1
Fluorene	ND		ug/kg	360	1
Phenanthrene	ND		ug/kg	360	1
Dibenzo(a,h)anthracene	ND		ug/kg	360	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	360	1
Pyrene	ND		ug/kg	360	1
Aniline	ND		ug/kg	720	1
4-Chloroaniline	ND		ug/kg	360	1
Dibenzofuran	ND		ug/kg	360	1
2-Methylnaphthalene	ND		ug/kg	360	1
Acetophenone	ND		ug/kg	1400	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		30-130
2-Fluorobiphenyl	69		30-130
4-Terphenyl-d14	88		30-130

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-06	Date Collected:	06/09/09 08:30
Client ID:	B-5 (6-10')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3545
Analytical Method:	64,8270C	Extraction Date:	06/13/09 11:17
Analytical Date:	06/18/09 04:16		
Analyst:	AK		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Base/Neutral Extractables - Westborough Lab					
Acenaphthene	ND		ug/kg	360	1
1,2,4-Trichlorobenzene	ND		ug/kg	360	1
Hexachlorobenzene	ND		ug/kg	360	1
Bis(2-chloroethyl)ether	ND		ug/kg	360	1
2-Chloronaphthalene	ND		ug/kg	360	1
1,2-Dichlorobenzene	ND		ug/kg	360	1
1,3-Dichlorobenzene	ND		ug/kg	360	1
1,4-Dichlorobenzene	ND		ug/kg	360	1
3,3'-Dichlorobenzidine	ND		ug/kg	720	1
2,4-Dinitrotoluene	ND		ug/kg	360	1
2,6-Dinitrotoluene	ND		ug/kg	360	1
Azobenzene	ND		ug/kg	360	1
Fluoranthene	ND		ug/kg	360	1
4-Bromophenyl phenyl ether	ND		ug/kg	360	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	360	1
Bis(2-chloroethoxy)methane	ND		ug/kg	360	1
Hexachlorobutadiene	ND		ug/kg	720	1
Hexachloroethane	ND		ug/kg	360	1
Isophorone	ND		ug/kg	360	1
Naphthalene	ND		ug/kg	360	1
Nitrobenzene	ND		ug/kg	360	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	720	1
Butyl benzyl phthalate	ND		ug/kg	360	1
Di-n-butylphthalate	ND		ug/kg	360	1
Di-n-octylphthalate	ND		ug/kg	360	1
Diethyl phthalate	ND		ug/kg	360	1
Dimethyl phthalate	ND		ug/kg	360	1
Benzo(a)anthracene	ND		ug/kg	360	1
Benzo(a)pyrene	ND		ug/kg	360	1
Benzo(b)fluoranthene	ND		ug/kg	360	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-06 Date Collected: 06/09/09 08:30

Client ID: B-5 (6-10') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Base/Neutral Extractables - Westborough Lab					
Benzo(k)fluoranthene	ND		ug/kg	360	1
Chrysene	ND		ug/kg	360	1
Acenaphthylene	ND		ug/kg	360	1
Anthracene	ND		ug/kg	360	1
Benzo(ghi)perylene	ND		ug/kg	360	1
Fluorene	ND		ug/kg	360	1
Phenanthrene	ND		ug/kg	360	1
Dibenzo(a,h)anthracene	ND		ug/kg	360	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	360	1
Pyrene	ND		ug/kg	360	1
Aniline	ND		ug/kg	720	1
4-Chloroaniline	ND		ug/kg	360	1
Dibenzofuran	ND		ug/kg	360	1
2-Methylnaphthalene	ND		ug/kg	360	1
Acetophenone	ND		ug/kg	1400	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	51		30-130
2-Fluorobiphenyl	50		30-130
4-Terphenyl-d14	78		30-130

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-08	Date Collected:	06/11/09 00:00
Client ID:	SAB-3B (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3545
Analytical Method:	64,8270C	Extraction Date:	06/13/09 11:17
Analytical Date:	06/18/09 04:40		
Analyst:	AK		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Base/Neutral Extractables - Westborough Lab					
Acenaphthene	ND		ug/kg	360	1
1,2,4-Trichlorobenzene	ND		ug/kg	360	1
Hexachlorobenzene	ND		ug/kg	360	1
Bis(2-chloroethyl)ether	ND		ug/kg	360	1
2-Chloronaphthalene	ND		ug/kg	360	1
1,2-Dichlorobenzene	ND		ug/kg	360	1
1,3-Dichlorobenzene	ND		ug/kg	360	1
1,4-Dichlorobenzene	ND		ug/kg	360	1
3,3'-Dichlorobenzidine	ND		ug/kg	720	1
2,4-Dinitrotoluene	ND		ug/kg	360	1
2,6-Dinitrotoluene	ND		ug/kg	360	1
Azobenzene	ND		ug/kg	360	1
Fluoranthene	ND		ug/kg	360	1
4-Bromophenyl phenyl ether	ND		ug/kg	360	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	360	1
Bis(2-chloroethoxy)methane	ND		ug/kg	360	1
Hexachlorobutadiene	ND		ug/kg	720	1
Hexachloroethane	ND		ug/kg	360	1
Isophorone	ND		ug/kg	360	1
Naphthalene	ND		ug/kg	360	1
Nitrobenzene	ND		ug/kg	360	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	720	1
Butyl benzyl phthalate	ND		ug/kg	360	1
Di-n-butylphthalate	ND		ug/kg	360	1
Di-n-octylphthalate	ND		ug/kg	360	1
Diethyl phthalate	ND		ug/kg	360	1
Dimethyl phthalate	ND		ug/kg	360	1
Benzo(a)anthracene	ND		ug/kg	360	1
Benzo(a)pyrene	ND		ug/kg	360	1
Benzo(b)fluoranthene	ND		ug/kg	360	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-08 Date Collected: 06/11/09 00:00

Client ID: SAB-3B (0-6') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Base/Neutral Extractables - Westborough Lab					
Benzo(k)fluoranthene	ND		ug/kg	360	1
Chrysene	ND		ug/kg	360	1
Acenaphthylene	ND		ug/kg	360	1
Anthracene	ND		ug/kg	360	1
Benzo(ghi)perylene	ND		ug/kg	360	1
Fluorene	ND		ug/kg	360	1
Phenanthrene	ND		ug/kg	360	1
Dibenzo(a,h)anthracene	ND		ug/kg	360	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	360	1
Pyrene	ND		ug/kg	360	1
Aniline	ND		ug/kg	720	1
4-Chloroaniline	ND		ug/kg	360	1
Dibenzofuran	ND		ug/kg	360	1
2-Methylnaphthalene	ND		ug/kg	360	1
Acetophenone	ND		ug/kg	1400	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	63		30-130
2-Fluorobiphenyl	60		30-130
4-Terphenyl-d14	66		30-130

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-09	Date Collected:	06/11/09 11:30
Client ID:	B-1 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3545
Analytical Method:	64,8270C	Extraction Date:	06/13/09 11:17
Analytical Date:	06/18/09 05:05		
Analyst:	AK		
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Base/Neutral Extractables - Westborough Lab					
Acenaphthene	ND		ug/kg	350	1
1,2,4-Trichlorobenzene	ND		ug/kg	350	1
Hexachlorobenzene	ND		ug/kg	350	1
Bis(2-chloroethyl)ether	ND		ug/kg	350	1
2-Chloronaphthalene	ND		ug/kg	350	1
1,2-Dichlorobenzene	ND		ug/kg	350	1
1,3-Dichlorobenzene	ND		ug/kg	350	1
1,4-Dichlorobenzene	ND		ug/kg	350	1
3,3'-Dichlorobenzidine	ND		ug/kg	690	1
2,4-Dinitrotoluene	ND		ug/kg	350	1
2,6-Dinitrotoluene	ND		ug/kg	350	1
Azobenzene	ND		ug/kg	350	1
Fluoranthene	ND		ug/kg	350	1
4-Bromophenyl phenyl ether	ND		ug/kg	350	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	350	1
Bis(2-chloroethoxy)methane	ND		ug/kg	350	1
Hexachlorobutadiene	ND		ug/kg	690	1
Hexachloroethane	ND		ug/kg	350	1
Isophorone	ND		ug/kg	350	1
Naphthalene	ND		ug/kg	350	1
Nitrobenzene	ND		ug/kg	350	1
Bis(2-Ethylhexyl)phthalate	7500		ug/kg	690	1
Butyl benzyl phthalate	ND		ug/kg	350	1
Di-n-butylphthalate	ND		ug/kg	350	1
Di-n-octylphthalate	ND		ug/kg	350	1
Diethyl phthalate	ND		ug/kg	350	1
Dimethyl phthalate	ND		ug/kg	350	1
Benzo(a)anthracene	ND		ug/kg	350	1
Benzo(a)pyrene	ND		ug/kg	350	1
Benzo(b)fluoranthene	ND		ug/kg	350	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-09 Date Collected: 06/11/09 11:30

Client ID: B-1 (0-6') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Base/Neutral Extractables - Westborough Lab					
Benzo(k)fluoranthene	ND		ug/kg	350	1
Chrysene	ND		ug/kg	350	1
Acenaphthylene	ND		ug/kg	350	1
Anthracene	ND		ug/kg	350	1
Benzo(ghi)perylene	ND		ug/kg	350	1
Fluorene	ND		ug/kg	350	1
Phenanthrene	ND		ug/kg	350	1
Dibenzo(a,h)anthracene	ND		ug/kg	350	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	350	1
Pyrene	ND		ug/kg	350	1
Aniline	ND		ug/kg	690	1
4-Chloroaniline	ND		ug/kg	350	1
Dibenzofuran	ND		ug/kg	350	1
2-Methylnaphthalene	ND		ug/kg	350	1
Acetophenone	ND		ug/kg	1400	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	66		30-130
2-Fluorobiphenyl	62		30-130
4-Terphenyl-d14	76		30-130

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-10	Date Collected:	06/11/09 14:30
Client ID:	SAB-2 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3545
Analytical Method:	64,8270C	Extraction Date:	06/13/09 11:17
Analytical Date:	06/18/09 05:30		
Analyst:	AK		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Base/Neutral Extractables - Westborough Lab					
Acenaphthene	ND		ug/kg	370	1
1,2,4-Trichlorobenzene	ND		ug/kg	370	1
Hexachlorobenzene	ND		ug/kg	370	1
Bis(2-chloroethyl)ether	ND		ug/kg	370	1
2-Chloronaphthalene	ND		ug/kg	370	1
1,2-Dichlorobenzene	ND		ug/kg	370	1
1,3-Dichlorobenzene	ND		ug/kg	370	1
1,4-Dichlorobenzene	ND		ug/kg	370	1
3,3'-Dichlorobenzidine	ND		ug/kg	730	1
2,4-Dinitrotoluene	ND		ug/kg	370	1
2,6-Dinitrotoluene	ND		ug/kg	370	1
Azobenzene	ND		ug/kg	370	1
Fluoranthene	ND		ug/kg	370	1
4-Bromophenyl phenyl ether	ND		ug/kg	370	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	370	1
Bis(2-chloroethoxy)methane	ND		ug/kg	370	1
Hexachlorobutadiene	ND		ug/kg	730	1
Hexachloroethane	ND		ug/kg	370	1
Isophorone	ND		ug/kg	370	1
Naphthalene	ND		ug/kg	370	1
Nitrobenzene	ND		ug/kg	370	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	730	1
Butyl benzyl phthalate	ND		ug/kg	370	1
Di-n-butylphthalate	ND		ug/kg	370	1
Di-n-octylphthalate	ND		ug/kg	370	1
Diethyl phthalate	ND		ug/kg	370	1
Dimethyl phthalate	ND		ug/kg	370	1
Benzo(a)anthracene	ND		ug/kg	370	1
Benzo(a)pyrene	ND		ug/kg	370	1
Benzo(b)fluoranthene	ND		ug/kg	370	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-10 Date Collected: 06/11/09 14:30

Client ID: SAB-2 (0-6') Date Received: 06/12/09

Sample Location: HOLBROOK, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Base/Neutral Extractables - Westborough Lab					
Benzo(k)fluoranthene	ND		ug/kg	370	1
Chrysene	ND		ug/kg	370	1
Acenaphthylene	ND		ug/kg	370	1
Anthracene	ND		ug/kg	370	1
Benzo(ghi)perylene	ND		ug/kg	370	1
Fluorene	ND		ug/kg	370	1
Phenanthrene	ND		ug/kg	370	1
Dibenzo(a,h)anthracene	ND		ug/kg	370	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	370	1
Pyrene	ND		ug/kg	370	1
Aniline	ND		ug/kg	730	1
4-Chloroaniline	ND		ug/kg	370	1
Dibenzofuran	ND		ug/kg	370	1
2-Methylnaphthalene	ND		ug/kg	370	1
Acetophenone	ND		ug/kg	1500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		30-130
2-Fluorobiphenyl	73		30-130
4-Terphenyl-d14	79		30-130

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 64,8270C
Analytical Date: 06/15/09 14:24
Analyst: AK

Extraction Method: EPA 3545
Extraction Date: 06/13/09 11:17

Parameter	Result	Qualifier	Units	RDL
MCP Base/Neutral Extractables - Westborough Lab for sample(s): 01-02,05-06,08-10 Batch: WG368527-1				
Acenaphthene	ND		ug/kg	330
1,2,4-Trichlorobenzene	ND		ug/kg	330
Hexachlorobenzene	ND		ug/kg	330
Bis(2-chloroethyl)ether	ND		ug/kg	330
2-Chloronaphthalene	ND		ug/kg	330
1,2-Dichlorobenzene	ND		ug/kg	330
1,3-Dichlorobenzene	ND		ug/kg	330
1,4-Dichlorobenzene	ND		ug/kg	330
3,3'-Dichlorobenzidine	ND		ug/kg	670
2,4-Dinitrotoluene	ND		ug/kg	330
2,6-Dinitrotoluene	ND		ug/kg	330
Azobenzene	ND		ug/kg	330
Fluoranthene	ND		ug/kg	330
4-Bromophenyl phenyl ether	ND		ug/kg	330
Bis(2-chloroisopropyl)ether	ND		ug/kg	330
Bis(2-chloroethoxy)methane	ND		ug/kg	330
Hexachlorobutadiene	ND		ug/kg	670
Hexachloroethane	ND		ug/kg	330
Isophorone	ND		ug/kg	330
Naphthalene	ND		ug/kg	330
Nitrobenzene	ND		ug/kg	330
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	670
Butyl benzyl phthalate	ND		ug/kg	330
Di-n-butylphthalate	ND		ug/kg	330
Di-n-octylphthalate	ND		ug/kg	330
Diethyl phthalate	ND		ug/kg	330
Dimethyl phthalate	ND		ug/kg	330
Benzo(a)anthracene	ND		ug/kg	330
Benzo(a)pyrene	ND		ug/kg	330
Benzo(b)fluoranthene	ND		ug/kg	330

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 64,8270C
Analytical Date: 06/15/09 14:24
Analyst: AK

Extraction Method: EPA 3545
Extraction Date: 06/13/09 11:17

Parameter	Result	Qualifier	Units	RDL
MCP Base/Neutral Extractables - Westborough Lab for sample(s): 01-02,05-06,08-10 Batch: WG368527-1				
Benzo(k)fluoranthene	ND		ug/kg	330
Chrysene	ND		ug/kg	330
Acenaphthylene	ND		ug/kg	330
Anthracene	ND		ug/kg	330
Benzo(ghi)perylene	ND		ug/kg	330
Fluorene	ND		ug/kg	330
Phenanthrene	ND		ug/kg	330
Dibenzo(a,h)anthracene	ND		ug/kg	330
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	330
Pyrene	ND		ug/kg	330
Aniline	ND		ug/kg	670
4-Chloroaniline	ND		ug/kg	330
Dibenzofuran	ND		ug/kg	330
2-Methylnaphthalene	ND		ug/kg	330
Acetophenone	ND		ug/kg	1300

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		30-130
2-Fluorobiphenyl	74		30-130
4-Terphenyl-d14	81		30-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
MCP Base/Neutral Extractables - Westborough Lab Associated sample(s): 01-02,05-06,08-10 Batch: WG368527-2 WG368527-3					
Acenaphthene	91	75	40-140	19	30
1,2,4-Trichlorobenzene	80	67	40-140	18	30
Hexachlorobenzene	81	68	40-140	17	30
Bis(2-chloroethyl)ether	90	75	40-140	18	30
2-Chloronaphthalene	96	82	40-140	16	30
1,2-Dichlorobenzene	82	74	40-140	10	30
1,3-Dichlorobenzene	82	73	40-140	12	30
1,4-Dichlorobenzene	81	71	40-140	13	30
3,3'-Dichlorobenzidine	49	44	40-140	11	30
2,4-Dinitrotoluene	92	77	40-140	18	30
2,6-Dinitrotoluene	83	65	40-140	24	30
Azobenzene	96	84	40-140	13	30
Fluoranthene	92	77	40-140	18	30
4-Bromophenyl phenyl ether	87	71	40-140	20	30
Bis(2-chloroisopropyl)ether	102	90	40-140	13	30
Bis(2-chloroethoxy)methane	87	74	40-140	16	30
Hexachlorobutadiene	79	69	40-140	14	30
Hexachloroethane	80	71	40-140	12	30
Isophorone	80	72	40-140	11	30
Naphthalene	89	75	40-140	17	30
Nitrobenzene	92	81	40-140	13	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
MCP Base/Neutral Extractables - Westborough Lab Associated sample(s): 01-02,05-06,08-10 Batch: WG368527-2 WG368527-3					
Bis(2-Ethylhexyl)phthalate	92	79	40-140	15	30
Butyl benzyl phthalate	88	73	40-140	19	30
Di-n-butylphthalate	93	79	40-140	16	30
Di-n-octylphthalate	92	78	40-140	16	30
Diethyl phthalate	90	76	40-140	17	30
Dimethyl phthalate	87	77	40-140	12	30
Benzo(a)anthracene	94	82	40-140	14	30
Benzo(a)pyrene	78	68	40-140	14	30
Benzo(b)fluoranthene	98	88	40-140	11	30
Benzo(k)fluoranthene	98	86	40-140	13	30
Chrysene	92	79	40-140	15	30
Acenaphthylene	86	71	40-140	19	30
Anthracene	94	80	40-140	16	30
Benzo(ghi)perylene	93	79	40-140	16	30
Fluorene	96	79	40-140	19	30
Phenanthrene	89	78	40-140	13	30
Dibenzo(a,h)anthracene	93	79	40-140	16	30
Indeno(1,2,3-cd)Pyrene	91	77	40-140	17	30
Pyrene	86	73	40-140	16	30
Aniline	48	43	40-140	11	30
4-Chloroaniline	62	53	40-140	16	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
MCP Base/Neutral Extractables - Westborough Lab Associated sample(s): 01-02,05-06,08-10 Batch: WG368527-2 WG368527-3					
Dibenzofuran	92	76	40-140	19	30
2-Methylnaphthalene	86	73	40-140	16	30
Acetophenone	92	82	40-140	11	30

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	86		75		30-130
2-Fluorobiphenyl	81		71		30-130
4-Terphenyl-d14	87		72		30-130

PETROLEUM HYDROCARBONS

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-01	Date Collected:	06/08/09 09:00
Client ID:	B-4 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	61,EPH-04-1	Extraction Date:	06/16/09 09:41
Analytical Date:	06/19/09 01:23	Cleanup Method1:	EPH-04-1
Analyst:	AS	Cleanup Date1:	06/18/09
Percent Solids:	93%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		mg/kg	35.8	5
C19-C36 Aliphatics	41.4		mg/kg	35.8	5
C11-C22 Aromatics	53.5		mg/kg	35.8	5
C11-C22 Aromatics, Adjusted	53.5		mg/kg	35.8	5
Naphthalene	ND		mg/kg	1.79	5
2-Methylnaphthalene	ND		mg/kg	1.79	5
Acenaphthylene	ND		mg/kg	1.79	5
Acenaphthene	ND		mg/kg	1.79	5
Fluorene	ND		mg/kg	1.79	5
Phenanthrene	ND		mg/kg	1.79	5
Anthracene	ND		mg/kg	1.79	5
Fluoranthene	ND		mg/kg	1.79	5
Pyrene	ND		mg/kg	1.79	5
Benzo(a)anthracene	ND		mg/kg	1.79	5
Chrysene	ND		mg/kg	1.79	5
Benzo(b)fluoranthene	ND		mg/kg	1.79	5
Benzo(k)fluoranthene	ND		mg/kg	1.79	5
Benzo(a)pyrene	ND		mg/kg	1.79	5
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	1.79	5
Dibenzo(a,h)anthracene	ND		mg/kg	1.79	5
Benzo(ghi)perylene	ND		mg/kg	1.79	5

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-01	Date Collected:	06/08/09 09:00
Client ID:	B-4 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	78		40-140
o-Terphenyl	89		40-140
2-Fluorobiphenyl	78		40-140
2-Bromonaphthalene	81		40-140

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-02	Date Collected:	06/08/09 09:45
Client ID:	B-4 (6-10')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	61,EPH-04-1	Extraction Date:	06/16/09 09:41
Analytical Date:	06/18/09 17:45	Cleanup Method1:	EPH-04-1
Analyst:	AS	Cleanup Date1:	06/18/09
Percent Solids:	88%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		mg/kg	7.58	1
C19-C36 Aliphatics	ND		mg/kg	7.58	1
C11-C22 Aromatics	ND		mg/kg	7.58	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.58	1
Naphthalene	ND		mg/kg	0.379	1
2-Methylnaphthalene	ND		mg/kg	0.379	1
Acenaphthylene	ND		mg/kg	0.379	1
Acenaphthene	ND		mg/kg	0.379	1
Fluorene	ND		mg/kg	0.379	1
Phenanthrene	ND		mg/kg	0.379	1
Anthracene	ND		mg/kg	0.379	1
Fluoranthene	ND		mg/kg	0.379	1
Pyrene	ND		mg/kg	0.379	1
Benzo(a)anthracene	ND		mg/kg	0.379	1
Chrysene	ND		mg/kg	0.379	1
Benzo(b)fluoranthene	ND		mg/kg	0.379	1
Benzo(k)fluoranthene	ND		mg/kg	0.379	1
Benzo(a)pyrene	ND		mg/kg	0.379	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.379	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.379	1
Benzo(ghi)perylene	ND		mg/kg	0.379	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-02	Date Collected:	06/08/09 09:45
Client ID:	B-4 (6-10')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	48		40-140
o-Terphenyl	79		40-140
2-Fluorobiphenyl	100		40-140
2-Bromonaphthalene	101		40-140

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-05	Date Collected:	06/08/09 15:15
Client ID:	B-5 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	61,EPH-04-1	Extraction Date:	06/16/09 09:41
Analytical Date:	06/19/09 01:53	Cleanup Method1:	EPH-04-1
Analyst:	AS	Cleanup Date1:	06/18/09
Percent Solids:	92%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		mg/kg	14.5	2
C19-C36 Aliphatics	16.1		mg/kg	14.5	2
C11-C22 Aromatics	19.4		mg/kg	14.5	2
C11-C22 Aromatics, Adjusted	19.4		mg/kg	14.5	2
Naphthalene	ND		mg/kg	0.725	2
2-Methylnaphthalene	ND		mg/kg	0.725	2
Acenaphthylene	ND		mg/kg	0.725	2
Acenaphthene	ND		mg/kg	0.725	2
Fluorene	ND		mg/kg	0.725	2
Phenanthrene	ND		mg/kg	0.725	2
Anthracene	ND		mg/kg	0.725	2
Fluoranthene	ND		mg/kg	0.725	2
Pyrene	ND		mg/kg	0.725	2
Benzo(a)anthracene	ND		mg/kg	0.725	2
Chrysene	ND		mg/kg	0.725	2
Benzo(b)fluoranthene	ND		mg/kg	0.725	2
Benzo(k)fluoranthene	ND		mg/kg	0.725	2
Benzo(a)pyrene	ND		mg/kg	0.725	2
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.725	2
Dibenzo(a,h)anthracene	ND		mg/kg	0.725	2
Benzo(ghi)perylene	ND		mg/kg	0.725	2

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-05	Date Collected:	06/08/09 15:15
Client ID:	B-5 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	82		40-140
o-Terphenyl	98		40-140
2-Fluorobiphenyl	91		40-140
2-Bromonaphthalene	92		40-140

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-06	Date Collected:	06/09/09 08:30
Client ID:	B-5 (6-10')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	61,EPH-04-1	Extraction Date:	06/16/09 09:41
Analytical Date:	06/18/09 18:17	Cleanup Method1:	EPH-04-1
Analyst:	AS	Cleanup Date1:	06/18/09
Percent Solids:	92%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		mg/kg	7.25	1
C19-C36 Aliphatics	ND		mg/kg	7.25	1
C11-C22 Aromatics	ND		mg/kg	7.25	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.25	1
Naphthalene	ND		mg/kg	0.362	1
2-Methylnaphthalene	ND		mg/kg	0.362	1
Acenaphthylene	ND		mg/kg	0.362	1
Acenaphthene	ND		mg/kg	0.362	1
Fluorene	ND		mg/kg	0.362	1
Phenanthrene	ND		mg/kg	0.362	1
Anthracene	ND		mg/kg	0.362	1
Fluoranthene	ND		mg/kg	0.362	1
Pyrene	ND		mg/kg	0.362	1
Benzo(a)anthracene	ND		mg/kg	0.362	1
Chrysene	ND		mg/kg	0.362	1
Benzo(b)fluoranthene	ND		mg/kg	0.362	1
Benzo(k)fluoranthene	ND		mg/kg	0.362	1
Benzo(a)pyrene	ND		mg/kg	0.362	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.362	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.362	1
Benzo(ghi)perylene	ND		mg/kg	0.362	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-06	Date Collected:	06/09/09 08:30
Client ID:	B-5 (6-10')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	60		40-140
o-Terphenyl	72		40-140
2-Fluorobiphenyl	80		40-140
2-Bromonaphthalene	81		40-140

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-09	Date Collected:	06/11/09 11:30
Client ID:	B-1 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	61,EPH-04-1	Extraction Date:	06/16/09 09:41
Analytical Date:	06/18/09 18:48	Cleanup Method1:	EPH-04-1
Analyst:	AS	Cleanup Date1:	06/18/09
Percent Solids:	96%		

Quality Control Information

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		mg/kg	6.94	1
C19-C36 Aliphatics	ND		mg/kg	6.94	1
C11-C22 Aromatics	8.45		mg/kg	6.94	1
C11-C22 Aromatics, Adjusted	8.45		mg/kg	6.94	1
Naphthalene	ND		mg/kg	0.347	1
2-Methylnaphthalene	ND		mg/kg	0.347	1
Acenaphthylene	ND		mg/kg	0.347	1
Acenaphthene	ND		mg/kg	0.347	1
Fluorene	ND		mg/kg	0.347	1
Phenanthrene	ND		mg/kg	0.347	1
Anthracene	ND		mg/kg	0.347	1
Fluoranthene	ND		mg/kg	0.347	1
Pyrene	ND		mg/kg	0.347	1
Benzo(a)anthracene	ND		mg/kg	0.347	1
Chrysene	ND		mg/kg	0.347	1
Benzo(b)fluoranthene	ND		mg/kg	0.347	1
Benzo(k)fluoranthene	ND		mg/kg	0.347	1
Benzo(a)pyrene	ND		mg/kg	0.347	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.347	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.347	1
Benzo(ghi)perylene	ND		mg/kg	0.347	1

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-09	Date Collected:	06/11/09 11:30
Client ID:	B-1 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	69		40-140
o-Terphenyl	76		40-140
2-Fluorobiphenyl	88		40-140
2-Bromonaphthalene	88		40-140

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 61,EPH-04-1
Analytical Date: 06/16/09 16:24
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 06/16/09 09:41
Cleanup Method1: EPH-04-1
Cleanup Date1: 06/16/09

Parameter	Result	Qualifier	Units	RDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-02,05-06,09 Batch: WG366979-1				
C9-C18 Aliphatics	ND		mg/kg	6.67
C19-C36 Aliphatics	ND		mg/kg	6.67
C11-C22 Aromatics	ND		mg/kg	6.67
C11-C22 Aromatics, Adjusted	ND		mg/kg	6.67
Naphthalene	ND		mg/kg	0.333
2-Methylnaphthalene	ND		mg/kg	0.333
Acenaphthylene	ND		mg/kg	0.333
Acenaphthene	ND		mg/kg	0.333
Fluorene	ND		mg/kg	0.333
Phenanthrene	ND		mg/kg	0.333
Anthracene	ND		mg/kg	0.333
Fluoranthene	ND		mg/kg	0.333
Pyrene	ND		mg/kg	0.333
Benzo(a)anthracene	ND		mg/kg	0.333
Chrysene	ND		mg/kg	0.333
Benzo(b)fluoranthene	ND		mg/kg	0.333
Benzo(k)fluoranthene	ND		mg/kg	0.333
Benzo(a)pyrene	ND		mg/kg	0.333
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.333
Dibenzo(a,h)anthracene	ND		mg/kg	0.333
Benzo(ghi)perylene	ND		mg/kg	0.333

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	63		40-140
o-Terphenyl	66		40-140
2-Fluorobiphenyl	80		40-140
2-Bromonaphthalene	81		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-02,05-06,09 Batch: WG366979-2 WG366979-3					
C9-C18 Aliphatics	52	44	40-140	17	25
C19-C36 Aliphatics	66	58	40-140	13	25
C11-C22 Aromatics	70	70	40-140	0	25
Naphthalene	56	59	40-140	5	25
2-Methylnaphthalene	59	63	40-140	7	25
Acenaphthylene	60	64	40-140	6	25
Acenaphthene	58	62	40-140	7	25
Fluorene	63	65	40-140	3	25
Phenanthrene	74	74	40-140	0	25
Anthracene	74	73	40-140	1	25
Fluoranthene	74	75	40-140	1	25
Pyrene	75	75	40-140	0	25
Benzo(a)anthracene	72	74	40-140	3	25
Chrysene	72	74	40-140	3	25
Benzo(b)fluoranthene	72	72	40-140	0	25
Benzo(k)fluoranthene	70	72	40-140	3	25
Benzo(a)pyrene	70	71	40-140	1	25
Indeno(1,2,3-cd)Pyrene	70	71	40-140	1	25
Dibenzo(a,h)anthracene	69	69	40-140	0	25
Benzo(ghi)perylene	68	69	40-140	1	25
Nonane (C9)	43	37	30-140	15	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-02,05-06,09 Batch: WG366979-2 WG366979-3					
Decane (C10)	50	42	40-140	17	25
Dodecane (C12)	54	46	40-140	16	25
Tetradecane (C14)	55	46	40-140	18	25
Hexadecane (C16)	57	48	40-140	17	25
Octadecane (C18)	60	53	40-140	12	25
Nonadecane (C19)	63	57	40-140	10	25
Eicosane (C20)	64	59	40-140	8	25
Docosane (C22)	66	62	40-140	6	25
Tetracosane (C24)	67	63	40-140	6	25
Hexacosane (C26)	67	63	40-140	6	25
Octacosane (C28)	66	62	40-140	6	25
Triacontane (C30)	69	65	40-140	6	25
Hexatriacontane (C36)	70	68	40-140	3	25

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	65		65		40-140
o-Terphenyl	78		76		40-140
2-Fluorobiphenyl	73		82		40-140
2-Bromonaphthalene	77		84		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

Fractionation Check Standard
Quality Control

Fractionation check standard for 200818205

Parameter	% Recovery	QC Criteria
C9-C18 Aliphatics	77	40-140
C19-C36 Aliphatics	76	40-140
C11-C22 Aromatics	86	40-140
Naphthalene	82	40-140
2-Methylnaphthalene	78	40-140
Acenaphthylene	76	40-140
Acenaphthene	80	40-140
Fluorene	79	40-140
Phenanthrene	78	40-140
Anthracene	82	40-140
Fluoranthene	84	40-140
Pyrene	84	40-140
Benzo(a)anthracene	82	40-140
Chrysene	88	40-140
Benzo(b)fluoranthene	81	40-140
Benzo(k)fluoranthene	97	40-140
Benzo(a)pyrene	78	40-140
Indeno(1,2,3-cd)Pyrene	76	40-140
Dibenzo(a,h)anthracene	83	40-140
Benzo(g,h,i)perylene	82	40-140
Nonane	72	30-140
Decane	77	40-140
Dodecane	80	40-140
Tetradecane	76	40-140
Hexadecane	78	40-140
Octadecane	76	40-140
Nonadecane	75	40-140
Eicosane	77	40-140
Docosane	79	40-140
Tetracosane	83	40-140
Hexacosane	78	40-140
Octacosane	77	40-140
Triacontane	76	40-140
Hexatriacontane	75	40-140
% Naphthalene Breakthrough	0	0-5
% 2-Methylnaphthalene Breakthrough	0	0-5

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

Fractionation Check Standard
Quality Control

Fractionation check standard for 200818205

Surrogate	% Recovery	QC Criteria
Chloro-Octadecane	66	40-140
o-Terphenyl	83	40-140
2-Fluorobiphenyl	75	40-140
2-Bromonaphthalene	76	40-140

PESTICIDES

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-01	Date Collected:	06/08/09 09:00
Client ID:	B-4 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3545
Analytical Method:	64,8081A	Extraction Date:	06/16/09 14:06
Analytical Date:	06/18/09 15:51	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	06/18/09
Percent Solids:	93%	Cleanup Method2:	- - - -

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Organochlorine Pesticides - Westborough Lab					
Delta-BHC	ND		ug/kg	3.58	1
Lindane	ND		ug/kg	2.87	1
Alpha-BHC	ND		ug/kg	3.58	1
Beta-BHC	ND		ug/kg	3.58	1
Heptachlor	ND		ug/kg	3.58	1
Aldrin	ND		ug/kg	3.58	1
Heptachlor epoxide	ND		ug/kg	3.58	1
Endrin	ND		ug/kg	3.58	1
Endrin ketone	ND		ug/kg	3.58	1
Dieldrin	ND		ug/kg	3.58	1
4,4'-DDE	ND		ug/kg	3.58	1
4,4'-DDD	ND		ug/kg	3.58	1
4,4'-DDT	ND		ug/kg	3.58	1
Endosulfan I	ND		ug/kg	3.58	1
Endosulfan II	ND		ug/kg	3.58	1
Endosulfan sulfate	ND		ug/kg	3.58	1
Methoxychlor	ND		ug/kg	14.3	1
Chlordane	ND		ug/kg	35.8	1
Hexachlorobenzene	ND		ug/kg	3.58	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	41		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	36		30-150	B
Decachlorobiphenyl	33		30-150	B

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-03	Date Collected:	06/08/09 13:00
Client ID:	B-2 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3545
Analytical Method:	64,8081A	Extraction Date:	06/16/09 14:06
Analytical Date:	06/18/09 16:04	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	06/18/09
Percent Solids:	93%	Cleanup Method2:	- - - -

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Organochlorine Pesticides - Westborough Lab					
Delta-BHC	ND		ug/kg	3.58	1
Lindane	ND		ug/kg	2.87	1
Alpha-BHC	ND		ug/kg	3.58	1
Beta-BHC	ND		ug/kg	3.58	1
Heptachlor	ND		ug/kg	3.58	1
Aldrin	ND		ug/kg	3.58	1
Heptachlor epoxide	ND		ug/kg	3.58	1
Endrin	ND		ug/kg	3.58	1
Endrin ketone	ND		ug/kg	3.58	1
Dieldrin	ND		ug/kg	3.58	1
4,4'-DDE	ND		ug/kg	3.58	1
4,4'-DDD	ND		ug/kg	3.58	1
4,4'-DDT	ND		ug/kg	3.58	1
Endosulfan I	ND		ug/kg	3.58	1
Endosulfan II	ND		ug/kg	3.58	1
Endosulfan sulfate	ND		ug/kg	3.58	1
Methoxychlor	ND		ug/kg	14.3	1
Chlordane	ND		ug/kg	35.8	1
Hexachlorobenzene	ND		ug/kg	3.58	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	37		30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	39		30-150	B
Decachlorobiphenyl	39		30-150	B

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-05	Date Collected:	06/08/09 15:15
Client ID:	B-5 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3545
Analytical Method:	64,8081A	Extraction Date:	06/16/09 14:06
Analytical Date:	06/18/09 16:17	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	06/18/09
Percent Solids:	92%	Cleanup Method2:	- - - -

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Organochlorine Pesticides - Westborough Lab					
Delta-BHC	ND		ug/kg	3.62	1
Lindane	ND		ug/kg	2.90	1
Alpha-BHC	ND		ug/kg	3.62	1
Beta-BHC	ND		ug/kg	3.62	1
Heptachlor	ND		ug/kg	3.62	1
Aldrin	ND		ug/kg	3.62	1
Heptachlor epoxide	ND		ug/kg	3.62	1
Endrin	ND		ug/kg	3.62	1
Endrin ketone	ND		ug/kg	3.62	1
Dieldrin	ND		ug/kg	3.62	1
4,4'-DDE	ND		ug/kg	3.62	1
4,4'-DDD	ND		ug/kg	3.62	1
4,4'-DDT	ND		ug/kg	3.62	1
Endosulfan I	ND		ug/kg	3.62	1
Endosulfan II	ND		ug/kg	3.62	1
Endosulfan sulfate	ND		ug/kg	3.62	1
Methoxychlor	ND		ug/kg	14.5	1
Chlordane	ND		ug/kg	36.2	1
Hexachlorobenzene	ND		ug/kg	3.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	33		30-150	A
Decachlorobiphenyl	31		30-150	A
2,4,5,6-Tetrachloro-m-xylene	35		30-150	B
Decachlorobiphenyl	33		30-150	B

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-08	Date Collected:	06/11/09 00:00
Client ID:	SAB-3B (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3545
Analytical Method:	64,8081A	Extraction Date:	06/16/09 14:06
Analytical Date:	06/18/09 16:30	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	06/18/09
Percent Solids:	93%	Cleanup Method2:	- - - -

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Organochlorine Pesticides - Westborough Lab					
Delta-BHC	ND		ug/kg	3.58	1
Lindane	ND		ug/kg	2.87	1
Alpha-BHC	ND		ug/kg	3.58	1
Beta-BHC	ND		ug/kg	3.58	1
Heptachlor	ND		ug/kg	3.58	1
Aldrin	ND		ug/kg	3.58	1
Heptachlor epoxide	ND		ug/kg	3.58	1
Endrin	ND		ug/kg	3.58	1
Endrin ketone	ND		ug/kg	3.58	1
Dieldrin	ND		ug/kg	3.58	1
4,4'-DDE	ND		ug/kg	3.58	1
4,4'-DDD	ND		ug/kg	3.58	1
4,4'-DDT	ND		ug/kg	3.58	1
Endosulfan I	ND		ug/kg	3.58	1
Endosulfan II	ND		ug/kg	3.58	1
Endosulfan sulfate	ND		ug/kg	3.58	1
Methoxychlor	ND		ug/kg	14.3	1
Chlordane	ND		ug/kg	35.8	1
Hexachlorobenzene	ND		ug/kg	3.58	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	30		30-150	A
Decachlorobiphenyl	31		30-150	A
2,4,5,6-Tetrachloro-m-xylene	33		30-150	B
Decachlorobiphenyl	36		30-150	B

Project Name: TRANSLOAD AMERICA **Lab Number:** L0907829

Project Number: 218390 **Report Date:** 06/26/09

SAMPLE RESULTS

Lab ID:	L0907829-09	Date Collected:	06/11/09 11:30
Client ID:	B-1 (0-6')	Date Received:	06/12/09
Sample Location:	HOLBROOK, MA	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3545
Analytical Method:	64,8081A	Extraction Date:	06/16/09 14:06
Analytical Date:	06/18/09 16:44	Cleanup Method1:	EPA 3620B
Analyst:	JB	Cleanup Date1:	06/18/09
Percent Solids:	96%	Cleanup Method2:	- - - -

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
MCP Organochlorine Pesticides - Westborough Lab					
Delta-BHC	ND		ug/kg	3.47	1
Lindane	ND		ug/kg	2.78	1
Alpha-BHC	ND		ug/kg	3.47	1
Beta-BHC	ND		ug/kg	3.47	1
Heptachlor	ND		ug/kg	3.47	1
Aldrin	ND		ug/kg	3.47	1
Heptachlor epoxide	ND		ug/kg	3.47	1
Endrin	ND		ug/kg	3.47	1
Endrin ketone	ND		ug/kg	3.47	1
Dieldrin	ND		ug/kg	3.47	1
4,4'-DDE	ND		ug/kg	3.47	1
4,4'-DDD	ND		ug/kg	3.47	1
4,4'-DDT	ND		ug/kg	3.47	1
Endosulfan I	ND		ug/kg	3.47	1
Endosulfan II	ND		ug/kg	3.47	1
Endosulfan sulfate	ND		ug/kg	3.47	1
Methoxychlor	ND		ug/kg	13.9	1
Chlordane	ND		ug/kg	34.7	1
Hexachlorobenzene	ND		ug/kg	3.47	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	35		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	35		30-150	B
Decachlorobiphenyl	33		30-150	B

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 64,8081A
Analytical Date: 06/18/09 14:39
Analyst: JB

Extraction Method: EPA 3545
Extraction Date: 06/16/09 14:06
Cleanup Method1: EPA 3620B
Cleanup Date1: 06/18/09
Cleanup Method2: - - - -
Cleanup Date2:

Parameter	Result	Qualifier	Units	RDL
MCP Organochlorine Pesticides - Westborough Lab for sample(s): 01,03,05,08-09 Batch: WG367033-1				
Delta-BHC	ND		ug/kg	3.33
Lindane	ND		ug/kg	2.67
Alpha-BHC	ND		ug/kg	3.33
Beta-BHC	ND		ug/kg	3.33
Heptachlor	ND		ug/kg	3.33
Aldrin	ND		ug/kg	3.33
Heptachlor epoxide	ND		ug/kg	3.33
Endrin	ND		ug/kg	3.33
Endrin ketone	ND		ug/kg	3.33
Dieldrin	ND		ug/kg	3.33
4,4'-DDE	ND		ug/kg	3.33
4,4'-DDD	ND		ug/kg	3.33
4,4'-DDT	ND		ug/kg	3.33
Endosulfan I	ND		ug/kg	3.33
Endosulfan II	ND		ug/kg	3.33
Endosulfan sulfate	ND		ug/kg	3.33
Methoxychlor	ND		ug/kg	13.3
Chlordane	ND		ug/kg	33.3
Hexachlorobenzene	ND		ug/kg	3.33

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	53		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
MCP Organochlorine Pesticides - Westborough Lab Associated sample(s): 01,03,05,08-09 Batch: WG367033-2 WG367033-3					
Delta-BHC	65	58	40-140	11	30
Lindane	65	53	40-140	20	30
Alpha-BHC	65	52	40-140	22	30
Beta-BHC	65	58	40-140	11	30
Heptachlor	66	54	40-140	20	30
Aldrin	67	54	40-140	21	30
Heptachlor epoxide	76	63	40-140	19	30
Endrin	64	55	40-140	15	30
Endrin ketone	66	56	40-140	16	30
Dieldrin	72	58	40-140	22	30
4,4'-DDE	75	69	40-140	8	30
4,4'-DDD	69	67	40-140	3	30
4,4'-DDT	54	44	40-140	20	30
Endosulfan I	68	61	40-140	11	30
Endosulfan II	67	57	40-140	16	30
Endosulfan sulfate	61	56	40-140	9	30
Methoxychlor	70	67	40-140	4	30
Hexachlorobenzene	49	42	40-140	15	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits

MCP Organochlorine Pesticides - Westborough Lab Associated sample(s): 01,03,05,08-09 Batch: WG367033-2 WG367033-3

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		54		30-150	A
Decachlorobiphenyl	75		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		56		30-150	B
Decachlorobiphenyl	68		56		30-150	B

METALS

Project Name: TRANSLOAD AMERICA
Lab Number: L0907829
Project Number: 218390
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-02
Client ID: B-4 (6-10')
Sample Location: HOLBROOK, MA
Matrix: Soil
Percent Solids: 88%

Date Collected: 06/08/09 09:45
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab										
Arsenic, Total	1.7		mg/kg	0.44	1	06/15/09 16:15	06/17/09 17:25	EPA 3050B	60,6010B	MG
Barium, Total	27		mg/kg	0.44	1	06/15/09 16:15	06/17/09 17:25	EPA 3050B	60,6010B	MG
Cadmium, Total	ND		mg/kg	0.44	1	06/15/09 16:15	06/17/09 17:25	EPA 3050B	60,6010B	MG
Chromium, Total	20		mg/kg	0.44	1	06/15/09 16:15	06/17/09 17:25	EPA 3050B	60,6010B	MG
Lead, Total	5.3		mg/kg	2.2	1	06/15/09 16:15	06/17/09 17:25	EPA 3050B	60,6010B	MG
Mercury, Total	ND		mg/kg	0.09	1	06/23/09 19:30	06/24/09 11:09	EPA 7471A	64,7471A	EZ
Selenium, Total	ND		mg/kg	2.2	1	06/15/09 16:15	06/17/09 17:25	EPA 3050B	60,6010B	MG
Silver, Total	ND		mg/kg	0.44	1	06/15/09 16:15	06/17/09 17:25	EPA 3050B	60,6010B	MG

Project Name: TRANSLOAD AMERICA
Lab Number: L0907829
Project Number: 218390
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-07
Client ID: SAB-1 (0-4')
Sample Location: HOLBROOK, MA
Matrix: Soil
Percent Solids: 93%

Date Collected: 06/09/09 11:45
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab										
Arsenic, Total	2.5		mg/kg	0.43	1	06/15/09 16:15	06/17/09 17:28	EPA 3050B	60,6010B	MG
Barium, Total	27		mg/kg	0.43	1	06/15/09 16:15	06/17/09 17:28	EPA 3050B	60,6010B	MG
Cadmium, Total	ND		mg/kg	0.43	1	06/15/09 16:15	06/17/09 17:28	EPA 3050B	60,6010B	MG
Chromium, Total	21		mg/kg	0.43	1	06/15/09 16:15	06/17/09 17:28	EPA 3050B	60,6010B	MG
Lead, Total	8.5		mg/kg	2.1	1	06/15/09 16:15	06/17/09 17:28	EPA 3050B	60,6010B	MG
Mercury, Total	ND		mg/kg	0.08	1	06/23/09 19:30	06/24/09 11:11	EPA 7471A	64,7471A	EZ
Selenium, Total	ND		mg/kg	2.1	1	06/15/09 16:15	06/17/09 17:28	EPA 3050B	60,6010B	MG
Silver, Total	0.61		mg/kg	0.43	1	06/15/09 16:15	06/17/09 17:28	EPA 3050B	60,6010B	MG

Project Name: TRANSLOAD AMERICA
Lab Number: L0907829
Project Number: 218390
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-09
Client ID: B-1 (0-6')
Sample Location: HOLBROOK, MA
Matrix: Soil
Percent Solids: 96%

Date Collected: 06/11/09 11:30
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab										
Arsenic, Total	2.1		mg/kg	0.42	1	06/15/09 16:15	06/17/09 17:31	EPA 3050B	60,6010B	MG
Barium, Total	24		mg/kg	0.42	1	06/15/09 16:15	06/17/09 17:31	EPA 3050B	60,6010B	MG
Cadmium, Total	ND		mg/kg	0.42	1	06/15/09 16:15	06/17/09 17:31	EPA 3050B	60,6010B	MG
Chromium, Total	6.9		mg/kg	0.42	1	06/15/09 16:15	06/17/09 17:31	EPA 3050B	60,6010B	MG
Lead, Total	6.2		mg/kg	2.1	1	06/15/09 16:15	06/17/09 17:31	EPA 3050B	60,6010B	MG
Mercury, Total	ND		mg/kg	0.08	1	06/23/09 19:30	06/24/09 11:13	EPA 7471A	64,7471A	EZ
Selenium, Total	ND		mg/kg	2.1	1	06/15/09 16:15	06/17/09 17:31	EPA 3050B	60,6010B	MG
Silver, Total	ND		mg/kg	0.42	1	06/15/09 16:15	06/17/09 17:31	EPA 3050B	60,6010B	MG

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Total Metals - Westborough Lab for sample(s): 02,07,09 Batch: WG366911-1									
Arsenic, Total	ND		mg/kg	0.40	1	06/15/09 16:15	06/17/09 15:32	60,6010B	MG
Barium, Total	ND		mg/kg	0.40	1	06/15/09 16:15	06/17/09 15:32	60,6010B	MG
Cadmium, Total	ND		mg/kg	0.40	1	06/15/09 16:15	06/17/09 15:32	60,6010B	MG
Chromium, Total	ND		mg/kg	0.40	1	06/15/09 16:15	06/17/09 15:32	60,6010B	MG
Lead, Total	ND		mg/kg	2.0	1	06/15/09 16:15	06/17/09 15:32	60,6010B	MG
Selenium, Total	ND		mg/kg	2.0	1	06/15/09 16:15	06/17/09 15:32	60,6010B	MG
Silver, Total	ND		mg/kg	0.40	1	06/15/09 16:15	06/17/09 15:32	60,6010B	MG

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Total Metals - Westborough Lab for sample(s): 02,07,09 Batch: WG368073-1									
Mercury, Total	ND		mg/kg	0.08	1	06/23/09 19:30	06/24/09 11:04	64,7471A	EZ

Prep Information

Digestion Method: EPA 7471A

Lab Control Sample Analysis

Batch Quality Control

Project Name: TRANSLOAD AMERICA

Project Number: 218390

Lab Number: L0907829

Report Date: 06/26/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
MCP Total Metals - Westborough Lab Associated sample(s): 02,07,09 Batch: WG366911-2 WG366911-3					
Arsenic, Total	101	101	75-125	0	30
Barium, Total	98	98	75-125	0	30
Cadmium, Total	102	104	75-125	2	30
Chromium, Total	102	101	75-125	1	30
Lead, Total	102	104	75-125	2	30
Selenium, Total	97	99	75-125	2	30
Silver, Total	116	118	75-125	2	30
MCP Total Metals - Westborough Lab Associated sample(s): 02,07,09 Batch: WG368073-2 WG368073-3					
Mercury, Total	115	108	75-125	6	30

INORGANICS
&
MISCELLANEOUS

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-01
Client ID: B-4 (0-6')
Sample Location: HOLBROOK, MA
Matrix: Soil
Date Collected: 06/08/09 09:00
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	93		%	0.10	1	-	06/16/09 11:08	30,2540G	MC

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-02
Client ID: B-4 (6-10')
Sample Location: HOLBROOK, MA
Matrix: Soil
Date Collected: 06/08/09 09:45
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	88		%	0.10	1	-	06/16/09 11:08	30,2540G	MC

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-03
Client ID: B-2 (0-6')
Sample Location: HOLBROOK, MA
Matrix: Soil
Date Collected: 06/08/09 13:00
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	93		%	0.10	1	-	06/16/09 11:08	30,2540G	MC

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-04
Client ID: B-2 (6-10')
Sample Location: HOLBROOK, MA
Matrix: Soil
Date Collected: 06/08/09 13:30
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	90		%	0.10	1	-	06/16/09 11:08	30,2540G	MC

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-05
Client ID: B-5 (0-6')
Sample Location: HOLBROOK, MA
Matrix: Soil
Date Collected: 06/08/09 15:15
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	92		%	0.10	1	-	06/16/09 11:08	30,2540G	MC

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-06
Client ID: B-5 (6-10')
Sample Location: HOLBROOK, MA
Matrix: Soil
Date Collected: 06/09/09 08:30
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	92		%	0.10	1	-	06/16/09 11:08	30,2540G	MC

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-07
Client ID: SAB-1 (0-4')
Sample Location: HOLBROOK, MA
Matrix: Soil
Date Collected: 06/09/09 11:45
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	93		%	0.10	1	-	06/16/09 11:08	30,2540G	MC

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-08
Client ID: SAB-3B (0-6')
Sample Location: HOLBROOK, MA
Matrix: Soil
Date Collected: 06/11/09 00:00
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	93		%	0.10	1	-	06/16/09 11:08	30,2540G	MC

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-09
Client ID: B-1 (0-6')
Sample Location: HOLBROOK, MA
Matrix: Soil
Date Collected: 06/11/09 11:30
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	96		%	0.10	1	-	06/16/09 11:08	30,2540G	MC

Project Name: TRANSLOAD AMERICA
Project Number: 218390
Lab Number: L0907829
Report Date: 06/26/09

SAMPLE RESULTS

Lab ID: L0907829-10
Client ID: SAB-2 (0-6')
Sample Location: HOLBROOK, MA
Matrix: Soil
Date Collected: 06/11/09 14:30
Date Received: 06/12/09
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Solids, Total	91		%	0.10	1	-	06/16/09 11:08	30,2540G	MC

Lab Duplicate Analysis
Batch Quality Control

Project Name: TRANSLOAD AMERICA
Project Number: 218390

Lab Number: L0907829
Report Date: 06/26/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG367002-1 QC Sample: L0907827-01 Client ID: DUP Sample					
Solids, Total	91	90	%	1	20

Project Name: TRANSLOAD AMERICA
Project Number: 218390

Lab Number: L0907829
Report Date: 06/26/09

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0907829-01A	Amber 250ml unpreserved	A	N/A	2.1 c	Y	Absent	EPH-DELUX-04(14),MCP-8081-04(14),MCP-BNEXT-04(14)
L0907829-01B	Amber 100ml unpreserved	A	N/A	2.1 c	Y	Absent	TS(7)
L0907829-02A	Amber 250ml unpreserved	A	N/A	2.1 c	Y	Absent	EPH-DELUX-04(14),MCP-BNEXT-04(14)
L0907829-02B	Amber 100ml unpreserved	A	N/A	2.1 c	Y	Absent	MCP-BA-6010T(180),MCP-AS-6010T(180),TS(7),MCP-PB-6010T(180),MCP-AG-6010T(180),MCP-SE-6010T(180),MCP-7471T(28),MCP-CD-6010T(180),MCP-CR-6010T(180)
L0907829-03A	Vial MeOH preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-03B	Vial water preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-03C	Vial water preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-03E	Amber 250ml unpreserved	A	N/A	2.1 c	Y	Absent	TS(7),MCP-8081-04(14)
L0907829-04A	Vial water preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-04B	Vial water preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-04C	Vial water preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-04D	Amber 120ml unpreserved	B	N/A	3	Y	Absent	TS(7)
L0907829-05A	Vial MeOH preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-05B	Vial water preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-05C	Vial water preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-05D	Amber 100ml unpreserved	A	N/A	2.1 c	Y	Absent	TS(7)
L0907829-05E	Amber 250ml unpreserved	A	N/A	2.1 c	Y	Absent	EPH-DELUX-04(14),MCP-8081-04(14),MCP-BNEXT-04(14)
L0907829-06A	Vial MeOH preserved	A	N/A	2.1 c	Y	Absent	MCP-8260H-04(14)
L0907829-06B	Amber 250ml unpreserved	A	N/A	2.1 c	Y	Absent	EPH-DELUX-04(14),TS(7),MCP-BNEXT-04(14)
L0907829-07A	Amber 250ml unpreserved	A	N/A	2.1 c	Y	Absent	MCP-BA-6010T(180),MCP-AS-6010T(180),TS(7),MCP-PB-6010T(180),MCP-AG-6010T(180),MCP-SE-6010T(180),MCP-7471T(28),MCP-CD-6010T(180),MCP-CR-6010T(180)
L0907829-08A	Vial MeOH preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-08B	Vial water preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)

*Hold days indicated by values in parentheses

Project Name: TRANSLOAD AMERICA
Project Number: 218390

Lab Number: L0907829
Report Date: 06/26/09

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0907829-08C	Vial water preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-08E	Amber 250ml unpreserved	A	N/A	2.1 c	Y	Absent	TS(7),MCP-8081-04(14),MCP-BNEXT-04(14)
L0907829-09A	Vial MeOH preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-09B	Vial water preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-09C	Vial water preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-09D	Amber 100ml unpreserved	A	N/A	2.1 c	Y	Absent	MCP-BA-6010T(180),MCP-AS-6010T(180),TS(7),MCP-PB-6010T(180),MCP-AG-6010T(180),MCP-SE-6010T(180),MCP-7471T(28),MCP-CD-6010T(180),MCP-CR-6010T(180)
L0907829-09E	Amber 250ml unpreserved	A	N/A	2.1 c	Y	Absent	EPH-DELUX-04(14),MCP-8081-04(14),MCP-BNEXT-04(14)
L0907829-10A	Vial MeOH preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-10B	Vial water preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-10C	Vial water preserved	A	N/A	2.1 c	Y	Absent	MCP-8260HLW(14)
L0907829-10D	Amber 100ml unpreserved	A	N/A	2.1 c	Y	Absent	TS(7),MCP-BNEXT-04(14)

*Hold days indicated by values in parentheses

Project Name:	TRANSLOAD AMERICA	**Lab Number:**	L0907829
Project Number:	218390	**Report Date:**	06/26/09

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
ND	- Not detected at the reported detection limit for the sample.
NI	- Not Ignitable.
RDL	- Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

*****	- The batch duplicate RPD exceeds the acceptance criteria. This flag is not applicable when the sample concentrations are less than 5x the RDL. (Metals only.)
A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
N	- The matrix spike recovery exceeds the acceptance criteria. This flag is not applicable when the sample concentration is greater than 4x the spike added. (Metals only.)
P	- The RPD between the results for the two columns exceeds the method-specified criteria.
R	- Analytical results are from sample re-analysis.
RE	- Analytical results are from sample re-extraction.
J	- Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

Report Format: Data Usability Report

Project Name:	TRANSLOAD AMERICA	**Lab Number:**	L0907829
Project Number:	218390	**Report Date:**	06/26/09

REFERENCES

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

61 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH). Massachusetts Department of Environmental Protection, DEA/ORS/BWSC. May 2004, Revision 1.1.

64 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). August 2004.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised June 24, 2009 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Haloacetic Acids, Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB).)
Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Calcium Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics.)
Solid Waste/Soil (Inorganic Parameters: Lead in Paint, pH, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), Reactivity. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Volatile Organics, Acid Extractables (Phenols), 3.3'-Dichlorobenzidine, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9221E, 9222B, 9222D, 9223B, EPA 150.1, 180.1, 300.0, 353.2, SM2130B, 2320B, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B,4500NO3-F, EPA 200.7, EPA 200.8, 245.1. Organic Parameters: 504.1, 524.2, SM 6251B.)
Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, Lachat 10-107-06-1-B, SM2320B, 2340B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NH3-H, 4500NO3-F, 4500P-B.5, 4500P-E, 5210B, 5220D, 5310C, EPA 200.7, 200.8, 245.1. Organic Parameters: 608, 624.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
Drinking Water
Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl)
(EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Nitrite-N, Fluoride, Sulfate)
353.2 for: Nitrate-N, Nitrite-N; SM4500NO3-F, 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, EPA 150.1, SM4500H-B.
Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics)
(504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), SM6251B, 314.0.

Non-Potable Water
Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn)
(EPA 200.7 for: Al,Sb,As,Be,Cd,Cr,Co,Cu,Fe,Pb,Mn,Mo,Ni,Se,Ag,Sr,Tl,Ti,V,Zn,Ca,Mg,Na,K)
245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2540B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Nitrate-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-B,C-Titr, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CN-CE, 2540D, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics)
(608 for: Chlordane, Aldrin, Dieldrin, DDD, DDE, DDT, Heptachlor, Heptachlor Epoxide, PCB-Water)
600/4-81-045-PCB-Oil

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
Drinking Water
Microbiology Parameters: SM9215B; MF-SM9222B; ENZ. SUB. SM9223; EC-SM9221E; MF-SM9222D; ENZ. SUB. SM9223;

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM6215B, 9222B, 9223B Colilert, EPA 200.7, 200.8, 245.2, 110.2, 120.1, 150.1, 300.0, 325.2, 314.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 331.0. Organic Parameters: 504.1, 524.2, SM6251B.)
Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6020, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 150.1, 300.0, 305.1, 310.1, 325.2, 340.2, 350.1, 350.2, 351.1, 353.2, 354.1, 365.2, 375.4, 376.2, 405.1, 415.1, 420.1, 425.1, 1664A, SW-846 9010, 9030, 9040B, EPA 160.1, 160.2, 160.3, SM426C, SM2310B, 2540B, 2540D, 4500H+B, 4500NH3-H, 4500NH3-E, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 2320B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-117-07-1-B, LACHAT 10-107-06-1-B, LACHAT 10-107-04-1-C, LACHAT 10-107-04-1-J, LACHAT 10-117-07-1-A, SM4500CL-E, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3005A, 3015A, 3510C, 5030B, 8021B, 8260B, 8270C, 8330, EPA 624, 625, 608, SW-846 8082, 8081A.)
Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 7196A, 7471A, 7.3.3.2, 7.3.4.2, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040, 9045C, 9050C, 1311, 3005A, 3050B, 3051A. Organic Parameters: SW-846 3540C, 3545, 3580A, 5030B, 5035, 8021B, 8260B, 8270C, 8330, 8151A, 8082, 8081A.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 2540C, 2320B, 314.0, 331.0, 110.2, SM2120B, 2510B, 5310C, EPA 150.1, SM4500H-B, EPA 200.8, 245.2. Organic Parameters: 504.1, SM6251B, 524.2.)
Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.1, SM5220D, 4500Cl-D, EPA 300.0, SM2120B, SM4500F-BC, EPA 200.7, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, SM9221CE, 9222D, 9221B, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.2/.1, SM5210B, SW-846 3015, 6020, 7470A, 5540C, 4500H-B, EPA 200.8, SM3500Cr-D, EPA 245.1, 245.2, SW-846 9040B, 3005A, EPA 6010B, 7196A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8270C, 3510C, EPA 608, 624, 625, SW-846 5030B, 8021B, 8081A, 8082, 8151A, 8330, NJ OQA-QAM-025 Rev.7.)
Solid & Chemical Materials (Inorganic Parameters: SW-846 9040B, 3005A, 6010B, 7196A, 5030B, 9010B, 9030B, 1030, 1311, 3050B, 3051, 7471A, 9014, 9012A, 9045C, 9050A, 9065. Organic Parameters: SW-846 8021B, 8081A, 8082, 8151A, 8330, 8260B, 8270C, 1311, 1312, 3540C, 3545, 3550B, 3580A, 5035L, 5035H, NJ OQA-QAM-025 Rev.7.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 8215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 314.0, 331.0, SM2320B, EPA 300.0, 325.2, 110.2, SM2120B, 4500CN-E, 4500F-C, EPA 150.1, SM4500H-B, 4500NO3-F, 2540C, EPA 120.1, SM 2510B. Organic Parameters: EPA 524.2, 504.1, SM6251B.)
Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, EPA 405.1, SM5210B, EPA 410.4, SM5220D, EPA 305.1, SM2310B-4a, EPA 310.1, SM2320B, EPA 200.7, 300.0, 325.2, LACHAT 10-117-07-1A or B, SM4500Cl-E, EPA 340.2, SM4500F-C, EPA 375.4, SM15 426C, EPA 350.1, 350.2, LACHAT 10-107-06-1-B, SM4500NH3-H, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, LACHAT 10-107-041-C, SM4500-NO30F, EPA 354.1, SM4500-NO2-B, EPA 365.2, SM4500P-E, EPA 160.3, EPA 160.1, SM2540C, EPA 160.2, SM2540D, EPA 200.8, EPA 6010B, 6020, EPA 7196A, S\M3500Cr-D, EPA 245.1, 245.2, 7470A, 110.2, SM2120B, 335.2, LACHAT 10-204-00-1-A, EPA 150.1, 9040B, SM4500-HB, EPA 1664A, EPA 415.1, SM5310C, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, EPA 376.2, SM4500S-D, EPA 425.1, SM5540C, EPA 3005A, 3015. Organic Parameters: EPA 624, 8260B, 8270C, 625, 608, 8081A, 8151A, 8330, 8082, 8021B, EPA 3510C, 5030B, 9010B, 9030B.)
Solid & Hazardous Waste (Inorganic Parameters: EPA 9040B, 9045C, 1010, 1030, SW-846 Ch 7 Sec 7.3, EPA 6010B, 7196A, 7471A, 9012A, 9014, 9040B, 9045C, 9065, 9050, EPA 1311, 3005A, 3050B, 3051, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8081A, 8151A, 8330, 8082, 8021B, 3540C, 3545, 3580, 5030B, 5035.)
Analytical Services Protocol: CLP Volatile Organics, CLP Inorganics, CLP PCB/Pesticides.

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Non-Potable Water (Organic Parameters: EPA 3510C, 625, 608, 8081A, 8082, 8151A, 8270C, 8330)
Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, 1311, 3050B, 3051, 6010B, EPA 7.3.3.2, EPA 7.3.4.2, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065. Organic Parameters: 3540C, 3545, 3580A, 5035, 8021B, 8081A, 8082, 8151A, 8260B, 8270C, 8330)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NY-DOH.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NY-DOH Certificate for Potable and Non-Potable Water.

Utah Department of Health Certificate/Lab ID: AAMA. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: Chloride EPA 300.0)

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 6/12/09

ALPHA Job #: L0907529

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woodard + Curran
Address: 980 Washington St Dedham MA
Phone:
Fax:
Email: dclinton@woodardcurran.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Transload America
Project Location: Holbrook MA
Project #: 218390
Project Manager: C. Blake
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 6/19 Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☑ ADEx ☐ Add'l Deliverables

Billing Information

~~Same~~ as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program: MCP Criteria: S-1

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO-

☑ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☑ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

S-1

ANALYSIS: SVOC 8270 | VOC 8260 High + low | TRPH | MCP 8 Metals | EPH(D) | Pesticides (RCRA 8081)

SAMPLE HANDLING

Filtration
☐ Done
☑ ~~Not~~ needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	SVOC 8270	VOC 8260 High + low	TRPH	MCP 8 Metals	EPH(D)	Pesticides (RCRA 8081)	Sample Specific Comments	TOTAL # BOTTLES
7529.1	B-4 (6-6')	6/8/09	0900	SO	DC	X			X	X			
2	B-4 (6-10')		0945			X		X	X				
3	B-2 (0-6')		1300				X			X			
4	B-2 (6-10')		1330				X						
5	B-5 (0-6')		1515			X	X		X	X			
6	B-5 (6-10')	6/9/09	0830			X	X		X			*VOC high analysis only (X)	
7	SAB-1 (0-4')		1145					X					
8	SAB-~~3~~ (0-6')	6/11/09				X	X			X			
9	B-1 (0-6')		11:50			X	X	X	X	X			
10	SAB-2 (0-6')		14:30			X	X						

Container Type	A	V	A							
Preservative	A	F	A							

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	6/12/09 1345	Dan Sands	6/12/09 1345
Dan Sands	6/12/09 1645	[illegible]	6/12 1615

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

06260916:23

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 06/15/09

ALPHA Job #: L0907829

Client Information

Client: Woodard + Curran
Address: 980 Washington St Dedham MA
Phone:
Fax:
Email:
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Trans Load America
Project Location: Holbrook MA
Project #: 218390
Project Manager: C. Blake
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 06-19-09 Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☑ ADEx ☐ Add'l Deliverables

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria
MCP	S-1

MA MCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTO-

☑ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☑ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

S-1

ANALYSIS: Total Solids

SAMPLE HANDLING

Filtration
☐ Done
☑ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total # Bottles	Sample Specific Comments
7829-04	B-2 (6-10')	6/15/09	1330	SO	DC	1	Notify T. Hoang of Sampl delivery upon log-in arrival -DC

Container Type	A
Preservative	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	6/15/09 1430	Ron Brady	6-15-09 1430
Ron Brady	6-15-09 1630		6-15-09 16:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

Alpha Analytical Labs

GC Semi - HP6890 Pest Ch. A

Data file : \\Orgserv1\ee\chem\GCEXT\Pest11.i\090618a.b\06180001.D
Lab Smp Id:
Inj Date : 18-JUN-2009 11:19
Operator : jb Inst ID: Pest11.i
Smp Info : +deg std
Misc Info : wg367160,wg366549,ical4262
Comment : Low Level ICAL - Ultrafast method
Method : \\Orgserv1\ee\chem\GCEXT\Pest11.i\090618a.b\Pest11a.m
Meth Date : 18-Jun-2009 15:58 jbenson Quant Type: ISTD
Cal Date : 17-JUN-2009 18:14 Cal File: 0617N022.D
Als bottle: 1 QC Sample: degradation
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: deg.sub
Target Version: 4.12
Processing Host: EXT-3

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)	REVIEW CODE
*	1 1-Bromo-2-nitrobenzene	2.039	2.032	(1.000)	21035403	0.02500		
	14 4,4'-DDE	4.547	4.537	(2.230)	844749	8e-004	0.000848	
	17 Endrin	4.946	4.936	(2.425)	48469932	0.04560	0.0456	
	18 4,4'-DDD	4.989	4.981	(2.446)	2557225	0.00288	0.00288	
	20 4,4'-DDT	5.187	5.179	(2.544)	40627139	0.04911	0.0491	
	21 Endrin Aldehyde	5.399	5.391	(2.647)	2910048	0.00326	0.00326	
	24 Endrin Ketone	5.884	5.876	(2.885)	5000874	0.00459	0.00459	

DDT Degradation Percent = 7.727
Endrin Degradataion Percent = 14.03

wg367033-1,2,3

1090721-01

1090729-01,2,3,5,8,9

Acid

Alpha Analytical Labs

GC Semi - HP6890 Pest Ch. B

Data file : \\Orgserv1\ee\chem\GCEXT\Pest11.i\090618b.b\06180001.D
Lab Smp Id:
Inj Date : 18-JUN-2009 11:19
Operator : jb Inst ID: Pest11.i
Smp Info : +deg std
Misc Info : wg367160,wg366549,ical4263
Comment : Low Level ICAL - Ultrafast method
Method : \\Orgserv1\ee\chem\GCEXT\Pest11.i\090618b.b\Pest11b.m
Meth Date : 18-Jun-2009 15:58 jbenson Quant Type: ISTD
Cal Date : 17-JUN-2009 18:14 Cal File: 0617N022.D
Als bottle: 1 QC Sample: degradation
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: deg.sub
Target Version: 4.12
Processing Host: EXT-3

						CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/mL)	REVIEW CODE
Compounds		RT	EXP RT	REL RT	RESPONSE			
*	1 1-Bromo-2-nitrobenzene	2.139	2.137	(1.000)	33788264	0.02500		
	14 4,4'-DDE	5.029	5.027	(2.351)	1018642	0.00072	0.000720	
	17 Endrin	5.379	5.377	(2.514)	43396217	0.03955	0.0395	
	18 4,4'-DDD	5.441	5.439	(2.543)	3569573	0.00365	0.00365	
	20 4,4'-DDT	5.657	5.657	(2.644)	31010815	0.04117	0.0412	
	21 Endrin Aldehyde	5.751	5.749	(2.688)	2206330	0.00244	0.00244	
	24 Endrin Ketone	6.297	6.289	(2.944)	4005698	0.00437	0.00437	

DDT Degradation Percent = 12.89
Endrin Degradataion Percent = 12.52

367033-1, 2, 3
1090821-01
1090829-1, 2, 3, 5, 8, 9