

SUMMARY REPORT
567 WEST DOVE LANE (FORMERLY 1438 WEST DOVE LANE)
LAUREL BAY MILITARY HOUSING AREA
MARINE CORPS AIR STATION BEAUFORT
BEAUFORT, SC

Revision: 0
Prepared for:

Department of the Navy
Naval Facilities Engineering Command, Mid-Atlantic
9324 Virginia Avenue
Norfolk, Virginia 23511-3095

and



Naval Facilities Engineering Command Atlantic
9324 Virginia Avenue
Norfolk, Virginia 23511-3095

JUNE 2021

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Prepared by:



CDM - AECOM Multimedia Joint Venture
10560 Arrowhead Drive, Suite 500
Fairfax, Virginia 22030

Contract Number: N62470-14-D-9016
CTO WE52
JUNE 2021

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List of Acronyms

bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CTO	Contract Task Order
COPC	constituents of potential concern
ft	feet
IDIQ	Indefinite Delivery, Indefinite Quantity
IGWA	Initial Groundwater Assessment
JV	Joint Venture
LBMH	Laurel Bay Military Housing
MCAS	Marine Corps Air Station
NAVFAC Mid-Lant	Naval Facilities Engineering Command Mid-Atlantic
NFA	No Further Action
PAH	polynuclear aromatic hydrocarbon
PPV	Public-Private Venture
QAPP	Quality Assurance Program Plan
RBSL	risk-based screening level
SCDHEC	South Carolina Department of Health and Environmental Control
Site	LBMH area at MCAS Beaufort, South Carolina
UFP SAP	Uniform Federal Policy Sampling and Analysis Plan
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VISL	vapor intrusion screening level

1.0 INTRODUCTION

The CDM - AECOM Multimedia Joint Venture (JV) was contracted by the Naval Facilities Engineering Command, Mid-Atlantic (NAVFAC Mid-Lant) to provide reporting services for the heating oil underground storage tanks (USTs) located in Laurel Bay Military Housing (LBMH) area at the Marine Corps Air Station (MCAS) Beaufort, South Carolina (Site). This work has been awarded under Contract Task Order (CTO) WE52 of the Indefinite Delivery, Indefinite Quantity (IDIQ) Multimedia Environmental Compliance Contract (Contract No. N62470-14-D-9016).

As of January 2014, the LBMH addresses were re-numbered to comply with the E-911 emergency response addressing system; however, in order to remain consistent with historical sampling and reporting for LBMH area, the residences will continue to be referenced with their original address numbers in sample nomenclature and reporting documents.

This report summarizes the results the environmental investigation activities associated with the storage of home heating oil and the potential release of petroleum constituents at the referenced property. Based on the results of the investigation, a No Further Action (NFA) determination has been made by the South Carolina Department of Health and Environmental Control (SCDHEC) for 567 West Dove Lane (Formerly 1438 West Dove Lane). This NFA determination indicates that there are no unacceptable risks to human health or the environment for the petroleum constituents associated with the home heating oil USTs. The following information is included in this report:

- Background information;
- Sampling activities and results; and
- A determination of the property status.

1.1 Background Information

The LBMH area is located approximately 3.5 miles west of MCAS Beaufort. The area is approximately 970 acres in size and serves as an enlisted and officer family housing area. The area is configured with single family and duplex residential structures, and includes recreation, open space, and community facilities. The community includes approximately 1,300 housing units, including legacy Capehart style homes and newer duplex style homes. The housing area

is bordered on the west by salt marshes and the Broad River, and to the north, east and south by uplands. Forested areas lie along the northern and northeastern borders.

Capehart style homes within the LBMH area were formerly heated using heating oil stored in USTs at each residence. There were 1,100 Capehart style housing units in the LBMH area. The newer duplex homes within the LBMH area never utilized heating oil tanks. Heating oil has not been used at Laurel Bay since the mid-1980s. As was the accepted practice at the time, USTs were drained, filled with dirt, capped, and left in place when they were removed from service. Residential USTs are not regulated in the State of South Carolina (i.e., there are no federal or state laws governing installation, management, or removal).

In 2007, MCAS Beaufort began a voluntary program to remove the unregulated, residential USTs and conduct sampling activities to determine if, and to what extent, petroleum constituents may have impacted the surrounding environment. MCAS Beaufort coordinated with SCDHEC to develop removal procedures that were consistent with procedural requirements for regulated USTs. All tank removal activities and follow-on actions are conducted in coordination with SCDHEC. To date, all known USTs have been removed from all residential properties within the LBMH area.

In 2015, the Public-Private Venture (PPV) responsible for the management of the residential area at LBMH initiated a plan to replace outdated homes in the LBMH area. The plan includes the demolition of existing homes and subsequent construction of new homes. In discussions with the PPV it was revealed that construction of the new homes could occur on portions of the property where the USTs were formerly located. In response to this plan, MCAS Beaufort assessed subsurface soil gas concentrations in the area of the former USTs at select properties within the demolition areas. The subject property of this report is one of the properties within the planned demolition area which was selected for a soil gas evaluation. It should be noted that the house at the subject property has since been demolished and this property is an empty lot. There are no current plans for construction in this area.

1.2 UST Removal and Assessment Process

During the UST removal process, a soil sample was collected from beneath the UST excavations (approximately 4 to 6 feet [ft] below ground surface [bgs]) and analyzed for a predetermined list of constituents of potential concern (COPCs) associated with the petroleum compounds found in home heating oil. These COPCs, derived from the *Quality Assurance Program Plan*

(QAPP) for the *Underground Storage Tank Management Division, Revision 3.1* (SCDHEC, 2016) and the *Underground Storage Tank Assessment Instructions for Permanent Closure and Change-In-Service*, (SCDHEC, 2018), are as follows:

- benzene, toluene, ethylbenzene, and xylenes (BTEX),
- naphthalene, and
- five select polynuclear aromatic hydrocarbon (PAHs): benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and dibenz(a,h)anthracene.

Soil sample results were submitted by MCAS Beaufort to SCDHEC utilizing SCDHEC's UST Assessment Report form. In accordance with SCDHEC's *QAPP for the UST Management Division* (SCDHEC, 2016), the soil screening levels consists of SCDHEC risk-based screening levels (RBSLs). It should be noted that the RBSLs for select PAHs were revised in Revision 2.0 of the QAPP (SCDHEC, 2013) and were revised again in Revision 3.0 (SCDHEC, 2015). The screening levels used for evaluation at each site were those levels that were in effect at the time of reporting and review by SCDHEC.

The results of the soil sampling at each former UST location were used to determine if a potential for groundwater contamination exists (i.e., soil results greater than RBSLs) and subsequently to select properties for follow-up initial groundwater assessment (IGWA) sampling. The results of the IGWA sampling (if necessary) are used to determine the presence or absence of the aforementioned COPCs in groundwater and identify whether former UST locations will require additional delineation of COPCs in groundwater. In order to delineate the extent of impact to groundwater, permanent wells are installed and a sampling program is established for those former UST locations where IGWA sampling has indicated the presence of COPCs in excess of the SCDHEC RBSLs for groundwater. A multi-media investigation selection process tree, applicable to the LBMH UST investigations, is presented as Appendix A.

In accordance with the multi-media investigation selection process (Appendix A), groundwater analytical results are typically compared to the site specific groundwater vapor intrusion screening levels (VISLs) to evaluate the potential for vapor intrusion into existing homes and the necessity for an investigation associated with this media. However, as previously stated, this property did not have an existing home and instead was among those selected for an evaluation of soil gas because of the planned demolition and construction activities.

2.0 SAMPLING ACTIVITIES AND RESULTS

The following section presents the sampling activities and associated results for 567 West Dove Lane (Formerly 1438 West Dove Lane). The sampling activities at 567 West Dove Lane (Formerly 1438 West Dove Lane) comprised a soil investigation, IGWA sampling, and a soil gas investigation. Details regarding the soil investigation at this site are provided in the *SCDHEC UST Assessment Report – 1438 West Dove Lane* (MCAS Beaufort, 2009) and the *SCDHEC UST Assessment Report – 1438 West Dove Lane* (MCAS Beaufort, 2013). The UST Assessment Reports are provided in Appendix B. Details regarding the IGWA sampling activities at this site are provided in the *Initial Groundwater Investigation Report – May and June 2015* (Resolution Consultants, 2015). The laboratory report that includes the pertinent IGWA analytical results for this site is presented in Appendix C. Details regarding the vapor intrusion investigation at this site are provided in the *Vapor Intrusion Report – July 2015, January 2016, and May 2016* (Resolution Consultants, 2017). The laboratory report that includes the pertinent soil gas analytical results for this site is presented in Appendix D.

2.1 UST Removal and Soil Sampling

In August 2009 and April 2013, two 280 gallon heating oil USTs were removed from the rear area behind the garage at 567 West Dove Lane (Formerly 1438 West Dove Lane). Tank 1 was removed on August 4, 2009. Tank 2 was removed on April 22, 2013. The former UST locations are indicated on Figures 2 and 3 of the UST Assessment Reports (Appendix B). The USTs were removed and properly disposed of (i.e., shipped offsite for recycling or transported to a landfill). There was no visual evidence (i.e., staining or sheen) of petroleum impact at the time of the UST removals. According to the UST Assessment Reports (Appendix B), the depths to the bases of the USTs were 5'6" bgs (Tank 1) and 4'3" bgs (Tank 2) and a single soil sample was collected from that depth for each. The samples were collected from the fill port side of the former USTs to represent a worst case scenario.

Following UST removals, a soil sample was collected from the bases of the excavations and shipped to an offsite laboratory for analysis of the petroleum COPCs. Sampling was performed in accordance with applicable South Carolina regulation R.61-92, Part 280 (SCDHEC, 2017) and assessment guidelines.

2.2 Soil Analytical Results

A summary of the laboratory analytical results and SCDHEC RBSLs is presented in Table 1. A copy of the laboratory analytical data reports are included in the UST Assessment Reports presented in Appendix B. The laboratory analytical data reports include the soil results for the additional PAHs that were analyzed, but do not have associated RBSLs.

The soil sample results were submitted by MCAS Beaufort to SCDHEC utilizing SCDHEC's UST Assessment Report form (Appendix B). The results of the soil sampling at the former UST locations (Tanks 1 and 2) were used by MCAS Beaufort, in consultation with SCDHEC, to determine a path forward (i.e., additional sampling or NFA) for the property. The soil results collected from the former location (Tank 1) at 567 West Dove Lane (Formerly 1438 West Dove Lane) were greater than the SCDHEC RBSLs, which indicated further investigation was required. In a letter dated May 15, 2014, SCDHEC requested an IGWA for 567 West Dove Lane (Formerly 1438 West Dove Lane) to determine if the groundwater was impacted by petroleum COPCs. SCDHEC's request letter is provided in Appendix E.

2.3 Groundwater Sampling

On June 16, 2015, a temporary monitoring well was installed at 567 West Dove Lane (Formerly 1438 West Dove Lane), in accordance with the South Carolina Well Standards and Regulations (R.61-71.H-I, updated June 24, 2016). In order to provide data that can be used to determine whether COPCs are migrating to underlying groundwater, the monitoring well was placed in the same general location as the former heating oil UST (Tank 1). The former UST location is indicated on Figures 2 and 3 of the UST Assessment Report (Appendix B). Further details are provided in the *Initial Groundwater Investigation Report – May and June 2015* (Resolution Consultants, 2015).

The sampling strategy for this phase of the investigation required a one-time sampling event of the temporarily installed monitoring well. Following well installation and development, groundwater samples were collected using low-flow methods and shipped to an offsite laboratory for analysis of the petroleum COPCs. Upon completion of groundwater sampling, the temporary well was abandoned in accordance with the South Carolina Well Standards and Regulations R.61-71 (SCDHEC, 2016). Field forms are provided in the *Initial Groundwater Investigation Report – May and June 2015* (Resolution Consultants, 2015).

2.4 Groundwater Analytical Results

A summary of the laboratory analytical results and SCDHEC RBSLs is presented in Table 2. A copy of the laboratory analytical data report is included in Appendix C.

The groundwater results collected from 567 West Dove Lane (Formerly 1438 West Dove Lane) were less than the SCDHEC RBSLs and the site specific groundwater VISLs (Table 2), which indicated that the groundwater was not impacted by COPCs associated with the former UST at concentrations that present a potential risk to human health and the environment.

2.5 Soil Gas Sampling

On July 27, 2015, a temporary subsurface soil gas well was installed at 567 West Dove Lane (Formerly 1438 West Dove Lane) in accordance with the SCDHEC approved *Uniform Federal Policy Sampling and Analysis Plan (UFP SAP) for Vapor Media, Revision 1* (Resolution Consultants, 2015). Soil gas sampling was conducted at this property to assess the potential risk for vapor intrusion associated with the possible construction of a new home on top of former the UST location. The soil gas well was placed in the same general location as the former heating oil UST (Tank 1) and the IGWA sample location. The former UST location is indicated on Figures 2 and 3 of the UST Assessment Report (Appendix B). Further details are provided in the *Vapor Intrusion Report – July 2015, January 2016, and May 2016* (Resolution Consultants, 2017).

The sampling strategy for this phase of the investigation required a one-time sampling event of the soil gas well. The subsurface soil gas well at 567 West Dove Lane (Formerly 1438 West Dove Lane) was sampled on July 29, 2015. A soil gas samples was collected and shipped to an offsite laboratory for analysis of the petroleum COPCs. Upon completion of soil gas sampling, the temporary well was abandoned in accordance with the *UFP SAP for Vapor Media, Revision 1* (Resolution Consultants, 2015). Field forms are provided in the *Vapor Intrusion Report – July 2015, January 2016, and May 2016* (Resolution Consultants, 2017).

2.6 Soil Gas Analytical Results

A summary of the laboratory analytical results and United States Environmental Protection Agency (USEPA) VISLs is presented in Table 3. A copy of the laboratory analytical data report is included in Appendix D.

The soil gas results collected from 567 West Dove Lane (Formerly 1438 West Dove Lane) were below the USEPA VISLs, which indicated that subsurface soil gas was not impacted by COPCs associated with the former UST at concentrations that present a potential risk to human health and the environment.

3.0 PROPERTY STATUS

The house at 567 West Dove Lane (Formerly 1438 West Dove Lane) was demolished and the property is an empty lot. There are no current plans for construction in this area. Based on the analytical results for groundwater, SCDHEC made the determination that NFA was required for 567 West Dove Lane (Formerly 1438 West Dove Lane). The NFA determination for groundwater was obtained in a letter dated February 22, 2016. Based on the analytical results for soil gas, it was determined that there was not a vapor intrusion concern at this property and a recommendation was made for no additional vapor intrusion assessment activities. SCDHEC approved the no further vapor intrusion investigation recommendation for 567 West Dove Lane (Formerly 1438 West Dove Lane) in a letter dated June 20, 2017. SCDHEC's letters are provided in Appendix E.

4.0 REFERENCES

- Marine Corps Air Station Beaufort, 2009. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 1438 West Dove Lane, Laurel Bay Military Housing Area*, November 2009.
- Marine Corps Air Station Beaufort, 2013. *South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Assessment Report – 1438 West Dove Lane, Laurel Bay Military Housing Area*, October 2013.
- Resolution Consultants, 2015. *Initial Groundwater Investigation Report – May and June 2015 for Laurel Bay Military Housing Area, Multiple Properties, Laurel Bay Military Housing Area, Marine Corps Air Station Beaufort, Beaufort, South Carolina*, October 2015.
- Resolution Consultants, 2015. *Uniform Federal Policy Sampling and Analysis Plan for Vapor Media, Revision 1, for Laurel Bay Military Housing Area, Marine Corps Air Station Beaufort, Beaufort, South Carolina*, April 2015.

- Resolution Consultants, 2017. *Vapor Intrusion Report – July 2015, January 2016, and May 2016 for Laurel Bay Military Housing Area, Multiple Properties, Laurel Bay Military Housing Area, Marine Corps Air Station Beaufort, Beaufort, South Carolina*, May 2017.
- South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2013. *Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 2.0*, April 2013.
- South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2015. *Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 3.0*, May 2015.
- South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2016. *Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 3.1*, February 2016.
- South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2017. *R.61-92, Part 280, Underground Storage Tank Control Regulations*, March 2017.
- South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management, 2018. *Underground Storage Tank Assessment Instructions for Permanent Closure and Change-In-Service*, March 2018.
- South Carolina Department of Health and Environmental Control Bureau of Water, 2016. *R.61-71, Well Standards*, June 2016.
- United States Environmental Protection Agency, 2015. *USEPA OSWER Vapor Intrusion Assessment, Vapor Intrusion Screening Level Calculator, Version 3.4*, June 2015.

Tables

Table 1
Laboratory Analytical Results - Soil
567 West Dove Lane (Formerly 1438 West Dove Lane)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs ⁽¹⁾	Results Samples Collected 08/04/09 and 04/22/13	
		1438 Dove 08/04/09	1438 Dove-1 04/22/13
Volatile Organic Compounds Analyzed by EPA Method 8260B (mg/kg)			
Benzene	0.007	ND	ND
Ethylbenzene	1.15	1.18	ND
Naphthalene	0.036	4.42	0.00311
Toluene	1.45	0.00805	ND
Xylenes, Total	14.5	6.20	0.00127
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (mg/kg)			
Benzo(a)anthracene	0.066	ND	ND
Benzo(b)fluoranthene	0.066	ND	ND
Benzo(k)fluoranthene	0.066	ND	ND
Chrysene	0.066	ND	ND
Dibenz(a,h)anthracene	0.066	ND	ND

Notes:

⁽¹⁾ South Carolina Risk-Based Screening Levels from the Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 1.0 (SCDHEC, May 2001).

Bold font indicates the analyte was detected.

Bold font and shading indicates the concentration exceeds the SCDHEC RBSL.

EPA - United States Environmental Protection Agency

mg/kg - milligrams per kilogram

ND - not detected at the reporting limit (or method detection limit if shown on the laboratory report). The soil laboratory report is provided in Appendix B.

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

Table 2
Laboratory Analytical Results - Groundwater
567 West Dove Lane (Formerly 1438 West Dove Lane)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	SCDHEC RBSLs ⁽¹⁾	Site-Specific Groundwater VISLs (µg/L) ⁽²⁾	Results Sample Collected 06/16/15
Volatile Organic Compounds Analyzed by EPA Method 8260B (µg/L)			
Benzene	5	16.24	ND
Ethylbenzene	700	45.95	7.2
Naphthalene	25	29.33	24
Toluene	1000	105,445	0.75
Xylenes, Total	10,000	2,133	25
Semivolatile Organic Compounds Analyzed by EPA Method 8270D (µg/L)			
Benzo(a)anthracene	10	NA	0.041
Benzo(b)fluoranthene	10	NA	0.049
Benzo(k)fluoranthene	10	NA	ND
Chrysene	10	NA	0.039
Dibenz(a,h)anthracene	10	NA	ND

Notes:

(1) South Carolina Risk-Based Screening Levels from the Quality Assurance Program Plan for the Underground Storage Tank Management Division, Revision 3.0 (SCDHEC, May 2015).

(2) Site-specific groundwater VISLs were calculated using the EPA JE Model Spreadsheets (Version 3.1, February 2004) and conservative modeling inputs representative of a small single-story house with an 8 foot ceiling. Site-specific groundwater VISLs were developed based on a target risk level of 1×10^{-6} , a target hazard quotient of 1 (per target organ), and a default residential exposure scenario, assuming exposure for 24 hours/day, 350 days/year, for 26 years. Modeling was performed for a range of depths to groundwater for application as appropriate in different areas of the Laurel Bay Military Housing Area. The most conservative levels are presented for comparison. Refer to Appendix H of the Uniform Federal Policy Sampling Analysis and Sampling Plan for Vapor Media, Revision 4 (Resolution Consultants, April 2017) for additional information.

Bold font indicates the analyte was detected.

Bold font and shading indicates the concentration exceeds the SCDHEC RBSL and/or the Site-Specific Groundwater VISL.

EPA - United States Environmental Protection Agency

JE - Johnson & Ettinger

NA - not applicable

ND - not detected at the reporting limit (or method detection limit if shown on the laboratory report). The groundwater laboratory report is provided in Appendix C.

RBSL - Risk-Based Screening Level

SCDHEC - South Carolina Department Of Health and Environmental Control

µg/L - micrograms per liter

VISL - Vapor Intrusion Screening Level

Table 3
Laboratory Analytical Results - Vapor
567 West Dove Lane (Formerly 1438 West Dove Lane)
Laurel Bay Military Housing Area
Marine Corps Air Station Beaufort
Beaufort, South Carolina

Constituent	USEPA VISL ⁽¹⁾	Results Sample Collected 07/29/15
Volatile Organic Compounds Analyzed by USEPA Method TO-15 (µg/m³)		
Benzene	12	ND
Toluene	17000	ND
Ethylbenzene	37	ND
m,p-Xylenes	350	32
o-Xylene	350	14
Naphthalene	2.8	ND

Notes:

⁽¹⁾ United States Environmental Protection Agency Exterior Soil Gas Vapor Intrusion Screening Level (VISL) from VISL Calculator (Version 3.4, June 2015).

VISLs are based on a residual exposure scenario and a target risk level of 1×10^{-6} and a hazard quotient of 0.1.

Bold font indicates the analyte was detected.

Bold font and shading indicates the concentration exceeds the residential VISL.

USEPA - United States Environmental Protection Agency

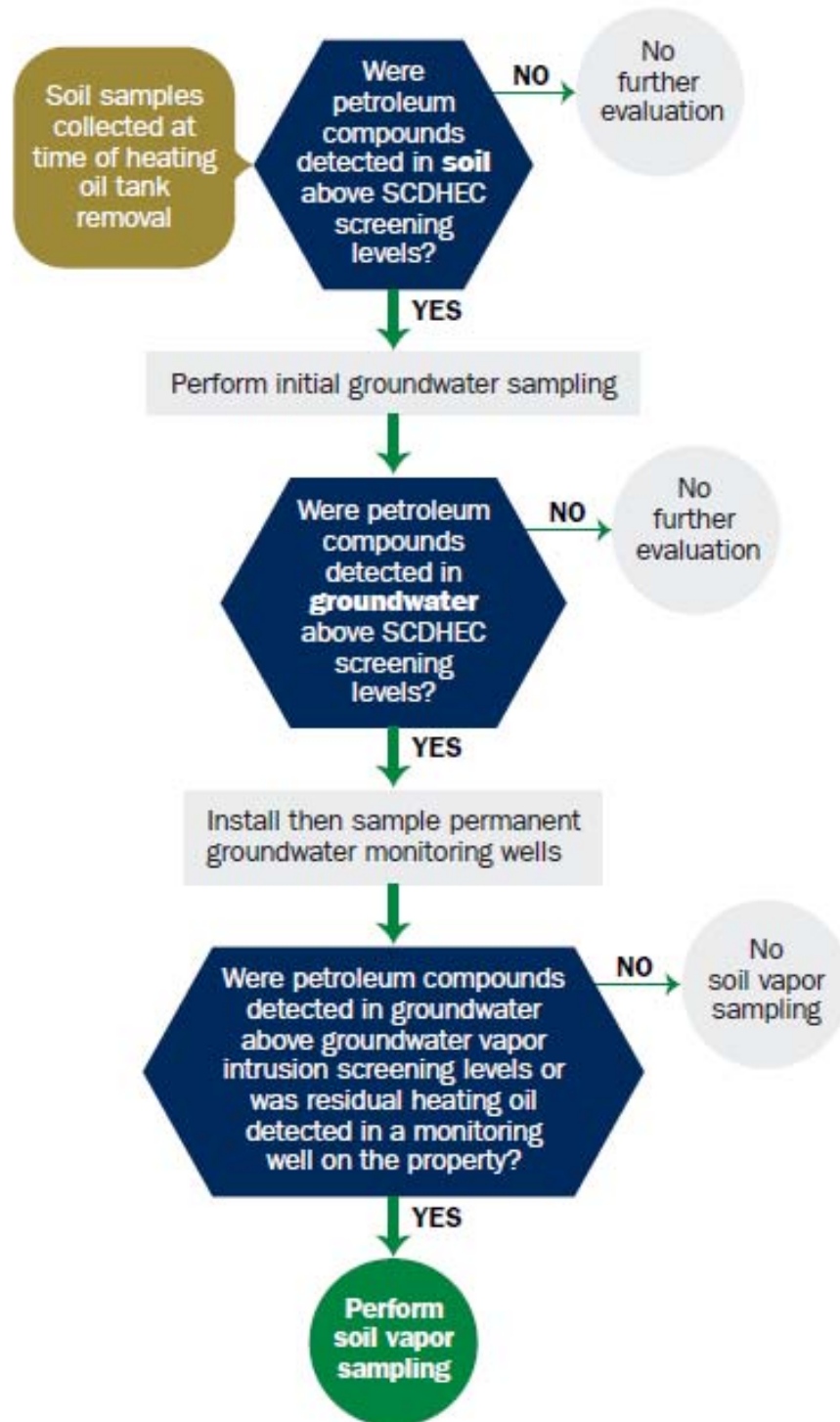
ND - not detected at the reporting limit (or method detection limit if shown on the laboratory report). The vapor laboratory report is provided in Appendix D.

RBSL - Risk-Based Screening Level

µg/m³ - micrograms per cubic meter

VISL - Vapor Intrusion Screening Level

Appendix A
Multi-Media Selection Process for LBMH



Appendix A - Multi-Media Selection Process for LBMH

Appendix B
UST Assessment Reports

South Carolina Department of Health and Environmental Control (SCDHEC)
Underground Storage Tank (UST) Assessment Report

Date Received
State Use Only

Submit Completed Form To:
 UST Program
 SCDHEC
 2600 Bull Street
 Columbia, South Carolina 29201
 Telephone (803) 896-7957

RECEIVED

NOV 13 2009

SCDHEC - Bureau of
 Land & Waste Management

I. OWNERSHIP OF UST (S)

MCAS Beaufort, Commanding Officer Attn: NREAO (Craig Ehde)		
Owner Name (Corporation, Individual, Public Agency, Other)		
P.O. Box 55001		
Mailing Address		
Beaufort,	South Carolina	29904-5001
City	State	Zip Code
843	228-7317	Craig Ehde
Area Code	Telephone Number	Contact Person

II. SITE IDENTIFICATION AND LOCATION

Permit I.D. #	
Laurel Bay Military Housing Area, Marine Corps Air Station, Beaufort, SC	
Facility Name or Company Site Identifier	
1438 Dove Lane, Laurel Bay Military Housing Area	
Street Address or State Road (as applicable)	
Beaufort,	Beaufort
City	County

Attachment 2

III. INSURANCE INFORMATION

Insurance Statement

The petroleum release reported to DHEC on _____ at Permit ID Number _____ may qualify to receive state monies to pay for appropriate site rehabilitation activities. Before participation is allowed in the State Clean-up fund, written confirmation of the existence or non-existence of an environmental insurance policy is required. **This section must be completed.**

Is there now, or has there ever been an insurance policy or other financial mechanism that covers this UST release? YES _____ NO _____ (check one)

If you answered YES to the above question, please complete the following information:

My policy provider is: _____
The policy deductible is: _____
The policy limit is: _____

If you have this type of insurance, please include a copy of the policy with this report.

IV. REQUEST FOR SUPERB FUNDING

I **DO** / **DO NOT** wish to participate in the SUPERB Program. (Circle one.)

V. CERTIFICATION (To be signed by the UST owner)

I certify that I have personally examined and am familiar with the information submitted in this and all attached documents; and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Name (Type or print.)

Signature

To be completed by Notary Public:

Sworn before me this _____ day of _____, 20____

(Name)

Notary Public for the state of _____
Please affix State seal if you are commissioned outside South Carolina

VI. UST INFORMATION

A. Product...(ex. Gas, Kerosene).....

B. Capacity..(ex. 1k, 2k).....

C. Age.....

D. Construction Material..(ex. Steel, FRP).....

E. Month/Year of Last Use.....

F. Depth (ft.) To Base of Tank.....

G. Spill Prevention Equipment Y/N.....

H. Overfill Prevention Equipment Y/N.....

I. Method of Closure Removed/Filled.....

J. Date Tanks Removed/Filled.....

K. Visible Corrosion or Pitting Y/N.....

L. Visible Holes Y/N.....

M. Method of disposal for any USTs removed from the ground (attach disposal manifests)

UST 1438Dove was removed from the ground, cleaned and recycled.

See Attachment "A."

N. Method of disposal for any liquid petroleum, sludges, or wastewaters removed from the USTs (attach disposal manifests)

Wastewater was pumped from UST 1438Dove and disposed of by MCAS.

O. If any corrosion, pitting, or holes were observed, describe the location and extent for each UST

Corrosion, pitting and holes were found throughout the tank.

1438Dove				
Heating oil				
280 gal				
Late 1950s				
Steel				
Mid 1980s				
5'6"				
No				
No				
Removed				
8/4/09				
Yes				
Yes				

VII. PIPING INFORMATION

A. Construction Material..(ex. Steel, FRP).....

B. Distance from UST to Dispenser.....

C. Number of Dispensers.....

D. Type of System Pressure or Suction.....

E. Was Piping Removed from the Ground? Y/N

F. Visible Corrosion or Pitting Y/N.....

G. Visible Holes Y/N.....

H. Age.....

I. If any corrosion, pitting, or holes were observed, describe the location and extent for each piping run.

1438Dove				
Steel & Copper				
N/A				
N/A				
Suction				
Yes				
Yes				
No				
Late 1950s				

Corrosion and pitting were found on the surface of the steel vent pipe. Copper supply and return lines were sound.

VIII. BRIEF SITE DESCRIPTION AND HISTORY

The USTs at the residences are constructed of single wall steel and formerly contained fuel oil for heating. These USTs were installed in the late 1950s and last used in the mid 1980s.

IX. SITE CONDITIONS

	Yes	No	Unk
A. Were any petroleum-stained or contaminated soils found in the UST excavation, soil borings, trenches, or monitoring wells? If yes, indicate depth and location on the site map.		X	
B. Were any petroleum odors detected in the excavation, soil borings, trenches, or monitoring wells? If yes, indicate location on site map and describe the odor (strong, mild, etc.)		X	
C. Was water present in the UST excavation, soil borings, or trenches? If yes, how far below land surface (indicate location and depth)?		X	
D. Did contaminated soils remain stockpiled on site after closure? If yes, indicate the stockpile location on the site map. Name of DHEC representative authorizing soil removal:		X	
E. Was a petroleum sheen or free product detected on any excavation or boring waters? If yes, indicate location and thickness.		X	

X. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number 84009001

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
1438Dove	Excav at fill end	Soil	Sandy	5'6"	8/4/09 1145 hrs	P. Shaw	
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

* = Depth Below the Surrounding Land Surface

XI. SAMPLING METHODOLOGY

Provide a detailed description of the methods used to collect and store the samples. Also include the preservative used for each sample. Please use the space provided below.

Sampling was performed in accordance with SC DHEC R.61-92 Part 280 and SC DHEC Assessment Guidelines. Sample containers were prepared by the testing laboratory. The grab method was utilized to fill the sample containers leaving as little head space as possible and immediately capped. Soil samples were extracted from area below tank. The samples were marked, logged, and immediately placed in a sample cooler packed with ice to maintain an approximate temperature of 4 degrees Centigrade. Tools were thoroughly cleaned and decontaminated with the seven step decon process after each use. The samples remained in custody of SBG-EEG, Inc. until they were transferred to Test America Incorporated for analysis as documented in the Chain of Custody Record.

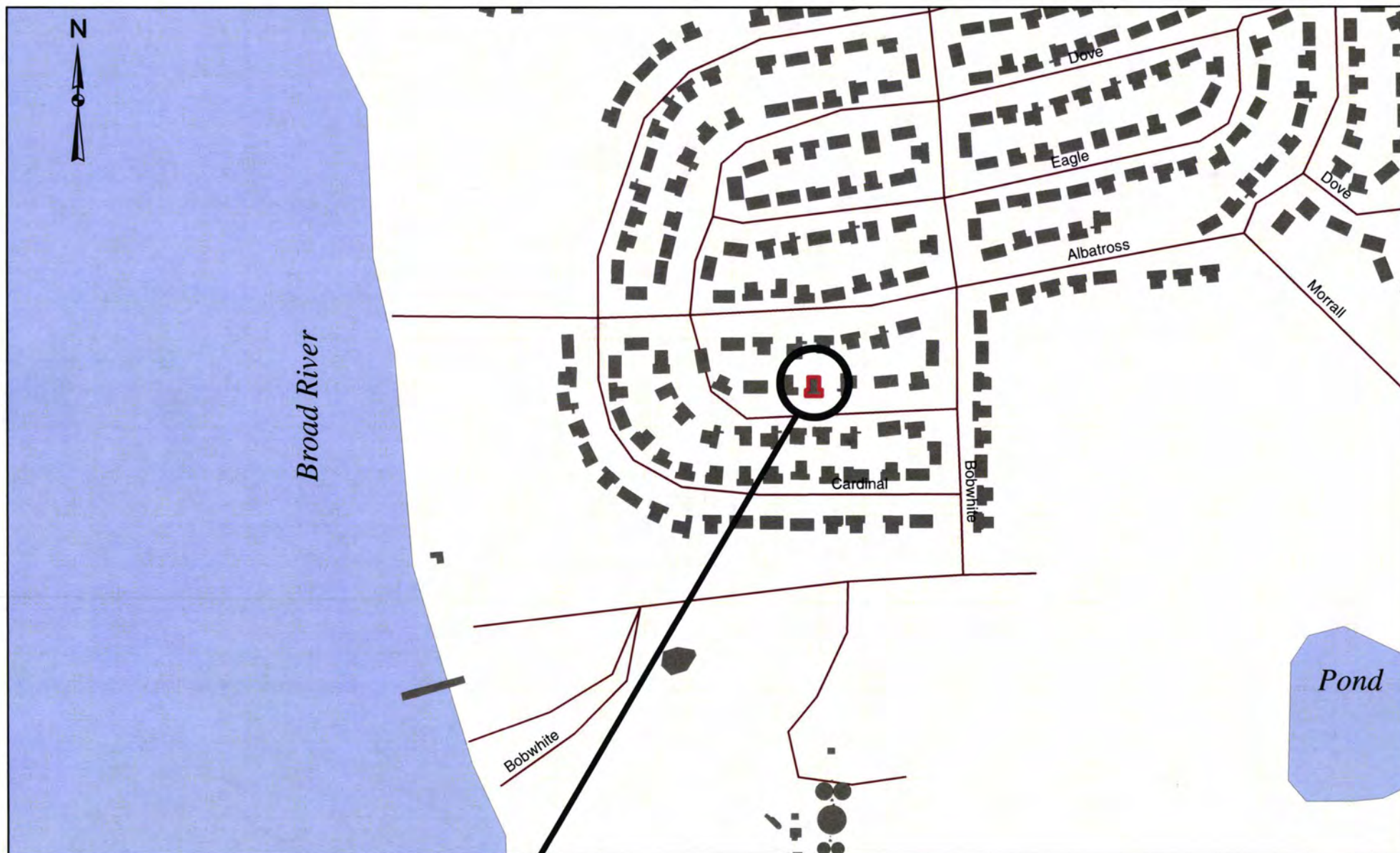
XII. RECEPTORS

	Yes	No
A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system? If yes, indicate type of receptor, distance, and direction on site map.		X
B. Are there any public, private, or irrigation water supply wells within 1000 feet of the UST system? If yes, indicate type of well, distance, and direction on site map.		X
C. Are there any underground structures (e.g., basements) Located within 100 feet of the UST system? If yes, indicate type of structure, distance, and direction on site map.		X
D. Are there any underground utilities (e.g., telephone, electricity, gas, water, sewer, storm drain) located within 100 feet of the UST system that could potentially come in contact with the contamination? *Sewer, water & geothermal. If yes, indicate the type of utility, distance, and direction on the site map.	*X	
E. Has contaminated soil been identified at a depth less than 3 feet below land surface in an area that is not capped by asphalt or concrete? If yes, indicate the area of contaminated soil on the site map.		X

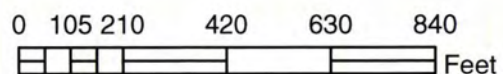
XIII. SITE MAP

You must supply a scaled site map. It should include all buildings, road names, utilities, tank and dispenser island locations, labeled sample locations, extent of excavation, and any other pertinent information.

(Attach Site Map Here)



1438 DOVE LANE



SBG-EEG, Inc.

Small Business Group, Inc.
10179 Hwy 78
Ladson, SC 29456

Ph. (843) 879-0400

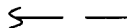
Drawn By: L. DiAsio

Dwg Date: Aug 2009

FIGURE 1: LOCATION MAP
1438 DOVE LANE, LAUREL BAY
MCAS BEAUFORT SC



GEO THERMAL LINES



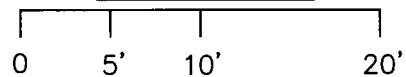
UST 1438DOVE



1438 DOVE LANE
LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SC

ASPHALT
DRIVEWAY

GRAPHIC SCALE



SBG-EEG

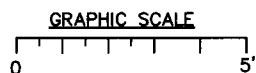
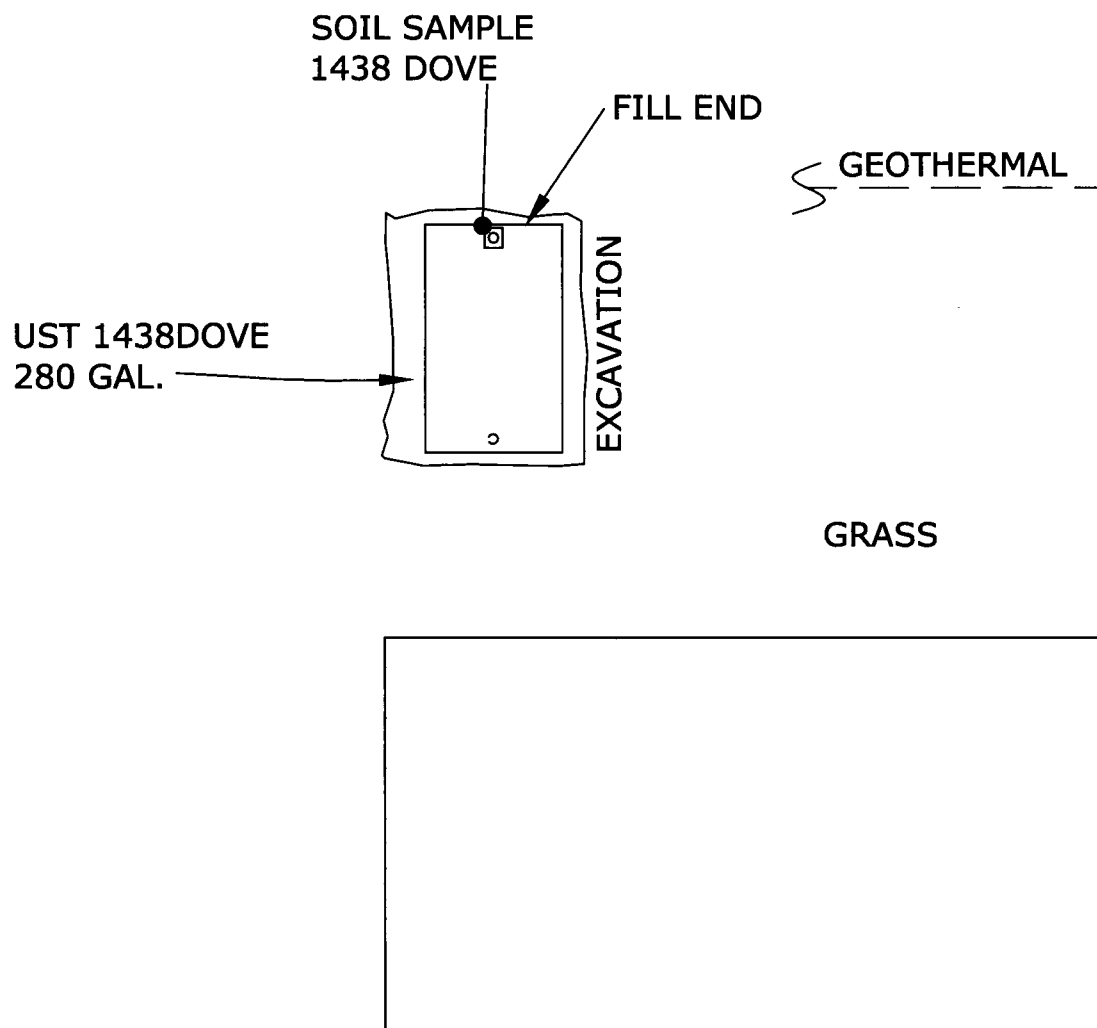
10179 HWY 78
LADSON, SC 29456

ph. (843) 879-0400

FIGURE 2 SITE MAP
1438 DOVE LANE, LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC

DWG DATE AUG 2009



UST 1438DOVE WAS
30" BELOW GRADE.

SBG-EEG

10179 HWY 78
LADSON, SC 29456

ph. (843) 879-0400

FIGURE 3 UST SAMPLE LOCATIONS
1438 DOVE LANE, LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC

DWG DATE AUG 2009



Picture 1: Location of UST 1438Dove.



Picture 2: UST 1438Dove.

XIV. SUMMARY OF ANALYSIS RESULTS

Enter the soil analytical data for each soil boring for all COC in the table below and on the following page.

CoC	UST	1438Dove						
Benzene		ND						
Toluene		0.00805 mg/kg						
Ethylbenzene		1.18 mg/kg						
Xylenes		6.20 mg/kg						
Naphthalene		4.42 mg/kg						
Benzo (a) anthracene		ND						
Benzo (b) fluoranthene		ND						
Benzo (k) fluoranthene		ND						
Chrysene		ND						
Dibenz (a, h) anthracene		ND						
TPH (EPA 3550)								

CoC								
Benzene								
Toluene								
Ethylbenzene								
Xylenes								
Naphthalene								
Benzo (a) anthracene								
Benzo (b) fluoranthene								
Benzo (k) fluoranthene								
Chrysene								
Dibenz (a, h) anthracene								
TPH (EPA 3550)								

SUMMARY OF ANALYSIS RESULTS (cont'd)

Enter the ground water analytical data for each sample for all CoC in the table below. If free product is present, indicate the measured thickness to the nearest 0.01 feet.

CoC	RBSL (µg/l)	W-1	W-2	W -3	W -4
Free Product Thickness	None				
Benzene	5				
Toluene	1,000				
Ethylbenzene	700				
Xylenes	10,000				
Total BTEX	N/A				
MTBE	40				
Naphthalene	25				
Benzo (a) anthracene	10				
Benzo (b) flouranthene	10				
Benzo (k) flouranthene	10				
Chrysene	10				
Dibenz (a, h) anthracene	10				
EDB	.05				
1,2-DCA	5				
Lead	Site specific				

XV. ANALYTICAL RESULTS

You must submit the laboratory report and chain-of-custody form for the samples. These samples must be analyzed by a South Carolina certified laboratory.

(Attach Certified Analytical Results and Chain-of-Custody Here)
(Please see Form #4)

August 21, 2009 12:35:36PM

Client: EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn: Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Nbr: [none]
P/O Nbr: 08087
Date Received: 08/07/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
1423 Albatross	NSH0575-01	08/03/09 09:35
1426 Albatross	NSH0575-02	08/03/09 09:15
1428 Albatross	NSH0575-03	08/03/09 13:30
1431 Dove	NSH0575-04	08/03/09 13:45
1440 Dove	NSH0575-05	08/04/09 09:00
1447 Dove	NSH0575-06	08/04/09 09:30
1438 Dove	NSH0575-07	08/04/09 11:45
1441 Dove	NSH0575-08	08/04/09 13:55
1439 Dove	NSH0575-09	08/04/09 15:15

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

South Carolina Certification Number: 84009001

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

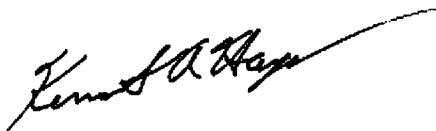
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Ken A. Hayes

Senior Project Manager

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwce

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-01 (1423 Albatross - Soil) Sampled: 08/03/09 09:35								
General Chemistry Parameters								
% Dry Solids	82.8		%	0.500	1	08/19/09 14:20	SW-846	9082734
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00206	1	08/13/09 15:22	SW846 8260B	9081164
Ethylbenzene	ND		mg/kg dry	0.00206	1	08/13/09 15:22	SW846 8260B	9081164
Naphthalene	ND		mg/kg dry	0.00515	1	08/13/09 15:22	SW846 8260B	9081164
Toluene	ND		mg/kg dry	0.00206	1	08/13/09 15:22	SW846 8260B	9081164
Xylenes, total	ND		mg/kg dry	0.00515	1	08/13/09 15:22	SW846 8260B	9081164
Surr: 1,2-Dichloroethane-d4 (67-138%)	93 %					08/13/09 15:22	SW846 8260B	9081164
Surr: Dibromofluoromethane (75-125%)	89 %					08/13/09 15:22	SW846 8260B	9081164
Surr: Toluene-d8 (76-129%)	102 %					08/13/09 15:22	SW846 8260B	9081164
Surr: 4-Bromofluorobenzene (67-147%)	110 %					08/13/09 15:22	SW846 8260B	9081164

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-01 (1423 Albatross - Soil) - cont. Sampled: 08/03/09 09:35									
Polyaromatic Hydrocarbons by EPA 8270D									
Accnaphthene	ND		mg/kg dry	0.0382	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Acenaphthylene	ND		mg/kg dry	0.0370	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Anthracene	ND	L	mg/kg dry	0.0394	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Benzo (a) anthracene	ND		mg/kg dry	0.0453	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Benzo (a) pyrene	ND	L	mg/kg dry	0.0358	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Benzo (b) fluoranthene	ND		mg/kg dry	0.0358	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0358	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Benzo (k) fluoranthene	ND		mg/kg dry	0.0358	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Chrysene	ND		mg/kg dry	0.0477	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0370	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Fluoranthene	ND		mg/kg dry	0.0405	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Fluorene	ND		mg/kg dry	0.0429	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0370	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Naphthalene	ND		mg/kg dry	0.0489	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Phenanthrene	ND		mg/kg dry	0.0405	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Pyrene	ND	L	mg/kg dry	0.0489	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
1-Methylnaphthalene	ND		mg/kg dry	0.0382	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
2-Methylnaphthalene	ND		mg/kg dry	0.0394	0.0799	1	08/14/09 17:51	SW846 8270D	9081773
Surr: Terphenyl-d14 (18-120%)	74 %					1	08/14/09 17:51	SW846 8270D	9081773
Surr: 2-Fluorobiphenyl (14-120%)	59 %					1	08/14/09 17:51	SW846 8270D	9081773
Surr: Nitrobenzene-d5 (17-120%)	65 %					1	08/14/09 17:51	SW846 8270D	9081773

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwce

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-02 (1426 Albatross - Soil) Sampled: 08/03/09 09:15								
General Chemistry Parameters								
% Dry Solids	82.9		%	0.500	1	08/19/09 14:20	SW-846	9082734
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00207	1	08/13/09 15:52	SW846 8260B	9081164
Ethylbenzene	0.00873		mg/kg dry	0.00207	1	08/13/09 15:52	SW846 8260B	9081164
Naphthalene	0.464		mg/kg dry	0.272	50	08/14/09 19:29	SW846 8260B	9082671
Toluene	ND		mg/kg dry	0.00207	1	08/13/09 15:52	SW846 8260B	9081164
Xylenes, total	ND		mg/kg dry	0.00517	1	08/13/09 15:52	SW846 8260B	9081164
Surr: 1,2-Dichloroethane-d4 (67-138%)	95 %					08/13/09 15:52	SW846 8260B	9081164
Surr: 1,2-Dichloroethane-d4 (67-138%)	90 %					08/14/09 19:29	SW846 8260B	9082671
Surr: Dibromofluoromethane (75-125%)	92 %					08/13/09 15:52	SW846 8260B	9081164
Surr: Dibromofluoromethane (75-125%)	97 %					08/14/09 19:29	SW846 8260B	9082671
Surr: Toluene-d8 (76-129%)	99 %					08/13/09 15:52	SW846 8260B	9081164
Surr: Toluene-d8 (76-129%)	87 %					08/14/09 19:29	SW846 8260B	9082671
Surr: 4-Bromofluorobenzene (67-147%)	104 %					08/13/09 15:52	SW846 8260B	9081164
Surr: 4-Bromofluorobenzene (67-147%)	88 %					08/14/09 19:29	SW846 8260B	9082671

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwce

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-02 (1426 Albatross - Soil) - cont. Sampled: 08/03/09 09:15									
Polyaromatic Hydrocarbons by EPA 8270D									
Accenaphthene	ND		mg/kg dry	0.0379	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Accenaphthylene	ND		mg/kg dry	0.0367	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Anthracene	ND	L	mg/kg dry	0.0391	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Benzo (a) anthracene	ND		mg/kg dry	0.0450	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Benzo (a) pyrene	ND	L	mg/kg dry	0.0355	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Benzo (b) fluoranthene	ND		mg/kg dry	0.0355	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0355	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Benzo (k) fluoranthene	ND		mg/kg dry	0.0355	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Chrysene	ND		mg/kg dry	0.0474	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0367	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Fluoranthene	0.153		mg/kg dry	0.0403	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Fluorene	ND		mg/kg dry	0.0426	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0367	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Naphthalene	0.0648	J	mg/kg dry	0.0486	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Phenanthrene	0.224		mg/kg dry	0.0403	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Pyrene	0.143	CF2, CF6, L1	mg/kg dry	0.0486	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
1-Methylnaphthalene	0.295		mg/kg dry	0.0379	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
2-Methylnaphthalene	0.411		mg/kg dry	0.0391	0.0794	1	08/14/09 18:14	SW846 8270D	9081773
Surr: Terphenyl-d14 (18-120%)	77 %					1	08/14/09 18:14	SW846 8270D	9081773
Surr: 2-Fluorobiphenyl (14-120%)	54 %					1	08/14/09 18:14	SW846 8270D	9081773
Surr: Nitrobenzene-d5 (17-120%)	63 %					1	08/14/09 18:14	SW846 8270D	9081773

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-03 (1428 Albatross - Soil) Sampled: 08/03/09 13:30								
General Chemistry Parameters								
% Dry Solids	75.9		%	0.500	1	08/19/09 14:20	SW-846	9082734
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00230	1	08/13/09 16:22	SW846 8260B	9081164
Ethylbenzene	ND		mg/kg dry	0.00230	1	08/13/09 16:22	SW846 8260B	9081164
Naphthalene	ND		mg/kg dry	0.00574	1	08/13/09 16:22	SW846 8260B	9081164
Toluene	ND		mg/kg dry	0.00230	1	08/13/09 16:22	SW846 8260B	9081164
Xylenes, total	ND		mg/kg dry	0.00574	1	08/13/09 16:22	SW846 8260B	9081164
Surr: 1,2-Dichloroethane-d4 (67-138%)	104 %					08/13/09 16:22	SW846 8260B	9081164
Surr: Dibromofluoromethane (75-125%)	96 %					08/13/09 16:22	SW846 8260B	9081164
Surr: Toluene-d8 (76-129%)	95 %					08/13/09 16:22	SW846 8260B	9081164
Surr: 4-Bromofluorobenzene (67-147%)	98 %					08/13/09 16:22	SW846 8260B	9081164

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-03 (1428 Albatross - Soil) - cont. Sampled: 08/03/09 13:30									
Polyaromatic Hydrocarbons by EPA 8270D									
Acenaphthene	ND		mg/kg dry	0.0418	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Acenaphthylene	ND		mg/kg dry	0.0405	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Anthracene	ND	L	mg/kg dry	0.0431	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Benzo (a) anthracene	0.132		mg/kg dry	0.0496	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Benzo (a) pyrene	0.0566	J, L	mg/kg dry	0.0392	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Benzo (b) fluoranthene	0.0705	J	mg/kg dry	0.0392	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0392	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Benzo (k) fluoranthene	0.0701	J	mg/kg dry	0.0392	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Chrysene	0.133		mg/kg dry	0.0522	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0405	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Fluoranthene	0.260		mg/kg dry	0.0444	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Fluorene	0.0575	J	mg/kg dry	0.0470	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0405	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Naphthalene	ND		mg/kg dry	0.0536	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Phenanthrene	0.163		mg/kg dry	0.0444	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Pyrene	0.253	CF2, CF6, L1	mg/kg dry	0.0536	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
1-Methylnaphthalene	0.123		mg/kg dry	0.0418	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
2-Methylnaphthalene	0.165		mg/kg dry	0.0431	0.0875	1	08/14/09 18:38	SW846 8270D	9081773
Surr: Terphenyl-d14 (18-120%)	85 %					1	08/14/09 18:38	SW846 8270D	9081773
Surr: 2-Fluorobiphenyl (14-120%)	64 %					1	08/14/09 18:38	SW846 8270D	9081773
Surr: Nitrobenzene-d5 (17-120%)	69 %					1	08/14/09 18:38	SW846 8270D	9081773

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-04 (1431 Dove - Soil) Sampled: 08/03/09 13:45								
General Chemistry Parameters								
% Dry Solids	85.9		%	0.500	1	08/19/09 14:20	SW-846	9082734
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00208	1	08/13/09 16:53	SW846 8260B	9081164
Ethylbenzene	0.00423		mg/kg dry	0.00208	1	08/13/09 16:53	SW846 8260B	9081164
Naphthalene	0.638		mg/kg dry	0.243	50	08/14/09 19:59	SW846 8260B	9082671
Toluene	ND		mg/kg dry	0.00208	1	08/13/09 16:53	SW846 8260B	9081164
Xylenes, total	ND		mg/kg dry	0.00521	1	08/13/09 16:53	SW846 8260B	9081164
Surr: 1,2-Dichloroethane-d4 (67-138%)	135 %					08/13/09 16:53	SW846 8260B	9081164
Surr: 1,2-Dichloroethane-d4 (67-138%)	100 %					08/14/09 19:59	SW846 8260B	9082671
Surr: Dibromofluoromethane (75-125%)	130 %	ZX				08/13/09 16:53	SW846 8260B	9081164
Surr: Dibromofluoromethane (75-125%)	108 %					08/14/09 19:59	SW846 8260B	9082671
Surr: Toluene-d8 (76-129%)	98 %					08/13/09 16:53	SW846 8260B	9081164
Surr: Toluene-d8 (76-129%)	82 %					08/14/09 19:59	SW846 8260B	9082671
Surr: 4-Bromofluorobenzene (67-147%)	128 %					08/13/09 16:53	SW846 8260B	9081164
Surr: 4-Bromofluorobenzene (67-147%)	92 %					08/14/09 19:59	SW846 8260B	9082671

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-04 (1431 Dove - Soil) - cont. Sampled: 08/03/09 13:45									
Polyaromatic Hydrocarbons by EPA 8270D									
Acenaphthene	ND		mg/kg dry	0.364	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Acenaphthylene	ND		mg/kg dry	0.353	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Anthracene	ND	L	mg/kg dry	0.376	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Benzo (a) anthracene	ND		mg/kg dry	0.432	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Benzo (a) pyrene	ND	L	mg/kg dry	0.341	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Benzo (b) fluoranthene	ND		mg/kg dry	0.341	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Benzo (g,h,i) perylene	ND		mg/kg dry	0.341	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Benzo (k) fluoranthene	ND		mg/kg dry	0.341	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Chrysene	ND		mg/kg dry	0.455	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Dibenz (a,h) anthracene	ND		mg/kg dry	0.353	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Fluoranthene	ND		mg/kg dry	0.387	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Fluorene	1.69		mg/kg dry	0.410	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.353	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Naphthalene	ND		mg/kg dry	0.467	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Phenanthrene	ND		mg/kg dry	0.387	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Pyrene	ND	L	mg/kg dry	0.467	0.762	10	08/15/09 20:58	SW846 8270D	9081773
1-Methylnaphthalene	4.20		mg/kg dry	0.364	0.762	10	08/15/09 20:58	SW846 8270D	9081773
2-Methylnaphthalene	3.71		mg/kg dry	0.376	0.762	10	08/15/09 20:58	SW846 8270D	9081773
Surr: Terphenyl-d14 (18-120%)	85 %					10	08/15/09 20:58	SW846 8270D	9081773
Surr: 2-Fluorobiphenyl (14-120%)	86 %					10	08/15/09 20:58	SW846 8270D	9081773
Surr: Nitrobenzene-d5 (17-120%)	79 %					10	08/15/09 20:58	SW846 8270D	9081773

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-05 (1440 Dove - Soil) Sampled: 08/04/09 09:00								
General Chemistry Parameters								
% Dry Solids	82.6		%	0.500	1	08/19/09 14:20	SW-846	9082734
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	0.00351		mg/kg dry	0.00205	1	08/13/09 17:23	SW846 8260B	9081164
Ethylbenzene	1.87		mg/kg dry	0.108	50	08/14/09 20:29	SW846 8260B	9082671
Naphthalene	12.2		mg/kg dry	2.70	500	08/17/09 18:23	SW846 8260B	9082672
Toluene	0.0156		mg/kg dry	0.00205	1	08/13/09 17:23	SW846 8260B	9081164
Xylenes, total	8.08		mg/kg dry	0.270	50	08/14/09 20:29	SW846 8260B	9082671
Surr: 1,2-Dichloroethane-d4 (67-138%)	96 %					08/13/09 17:23	SW846 8260B	9081164
Surr: 1,2-Dichloroethane-d4 (67-138%)	87 %					08/14/09 20:29	SW846 8260B	9082671
Surr: 1,2-Dichloroethane-d4 (67-138%)	95 %					08/17/09 18:23	SW846 8260B	9082672
Surr: Dibromofluoromethane (75-125%)	90 %					08/13/09 17:23	SW846 8260B	9081164
Surr: Dibromofluoromethane (75-125%)	90 %					08/14/09 20:29	SW846 8260B	9082671
Surr: Dibromofluoromethane (75-125%)	94 %					08/17/09 18:23	SW846 8260B	9082672
Surr: Toluene-d8 (76-129%)	131 %	ZX				08/13/09 17:23	SW846 8260B	9081164
Surr: Toluene-d8 (76-129%)	95 %					08/14/09 20:29	SW846 8260B	9082671
Surr: Toluene-d8 (76-129%)	94 %					08/17/09 18:23	SW846 8260B	9082672
Surr: 4-Bromofluorobenzene (67-147%)	458 %	ZX				08/13/09 17:23	SW846 8260B	9081164
Surr: 4-Bromofluorobenzene (67-147%)	106 %					08/14/09 20:29	SW846 8260B	9082671
Surr: 4-Bromofluorobenzene (67-147%)	94 %					08/17/09 18:23	SW846 8260B	9082672

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-05 (1440 Dove - Soil) - cont. Sampled: 08/04/09 09:00									
Polyaromatic Hydrocarbons by EPA 8270D									
Acenaphthene	ND		mg/kg dry	0.0379	0.0793	1	08/19/09 04:51	SW846 8270D	9082723
Acenaphthylene	ND		mg/kg dry	0.0367	0.0793	1	08/19/09 04:51	SW846 8270D	9082723
Anthracene	0.357		mg/kg dry	0.0390	0.0793	1	08/19/09 04:51	SW846 8270D	9082723
Benzo (a) anthracene	0.0816		mg/kg dry	0.0450	0.0793	1	08/19/09 04:51	SW846 8270D	9082723
Benzo (a) pyrene	ND		mg/kg dry	0.0355	0.0793	1	08/19/09 04:51	SW846 8270D	9082723
Benzo (b) fluoranthene	0.0599	J	mg/kg dry	0.0355	0.0793	1	08/19/09 04:51	SW846 8270D	9082723
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0355	0.0793	1	08/19/09 04:51	SW846 8270D	9082723
Benzo (k) fluoranthene	ND		mg/kg dry	0.0355	0.0793	1	08/19/09 04:51	SW846 8270D	9082723
Chrysene	0.128		mg/kg dry	0.0473	0.0793	1	08/19/09 04:51	SW846 8270D	9082723
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0367	0.0793	1	08/19/09 04:51	SW846 8270D	9082723
Fluoranthene	0.395		mg/kg dry	0.0402	0.0793	1	08/19/09 04:51	SW846 8270D	9082723
Fluorene	2.79		mg/kg dry	0.0426	0.0793	1	08/19/09 04:51	SW846 8270D	9082723
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0367	0.0793	1	08/19/09 04:51	SW846 8270D	9082723
Naphthalene	2.33		mg/kg dry	0.0485	0.0793	1	08/19/09 04:51	SW846 8270D	9082723
Phenanthrene	6.70		mg/kg dry	0.201	0.396	5	08/19/09 15:25	SW846 8270D	9082723
Pyrene	0.487		mg/kg dry	0.0485	0.0793	1	08/19/09 04:51	SW846 8270D	9082723
1-Methylnaphthalene	17.2		mg/kg dry	0.379	0.793	10	08/19/09 18:36	SW846 8270D	9082723
2-Methylnaphthalene	23.5		mg/kg dry	0.390	0.793	10	08/19/09 18:36	SW846 8270D	9082723
Surr: Terphenyl-d14 (18-120%)	64 %					1	08/19/09 04:51	SW846 8270D	9082723
Surr: 2-Fluorobiphenyl (14-120%)	84 %					1	08/19/09 04:51	SW846 8270D	9082723
Surr: Nitrobenzene-d5 (17-120%)	182 %	ZX				1	08/19/09 04:51	SW846 8270D	9082723

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-06 (1447 Dove - Soil) Sampled: 08/04/09 09:30								
General Chemistry Parameters								
% Dry Solids	75.7		%	0.500	1	08/19/09 14:20	SW-846	9082734
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.106	50	08/18/09 18:56	SW846 8260B	9081749
Ethylbenzene	ND		mg/kg dry	0.106	50	08/18/09 18:56	SW846 8260B	9081749
Naphthalene	0.923		mg/kg dry	0.264	50	08/18/09 18:56	SW846 8260B	9081749
Toluene	ND		mg/kg dry	0.106	50	08/18/09 18:56	SW846 8260B	9081749
Xylenes, total	ND		mg/kg dry	0.264	50	08/18/09 18:56	SW846 8260B	9081749
Surr: 1,2-Dichloroethane-d4 (67-138%)	96 %					08/18/09 18:56	SW846 8260B	9081749
Surr: Dibromofluoromethane (75-125%)	94 %					08/18/09 18:56	SW846 8260B	9081749
Surr: Toluene-d8 (76-129%)	100 %					08/18/09 18:56	SW846 8260B	9081749
Surr: 4-Bromofluorobenzene (67-147%)	106 %					08/18/09 18:56	SW846 8260B	9081749

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-06 (1447 Dove - Soil) - cont. Sampled: 08/04/09 09:30									
Polyaromatic Hydrocarbons by EPA 8270D									
Accnaphthene	0.590		mg/kg dry	0.0413	0.0864	1	08/19/09 05:15	SW846 8270D	9082723
Acenaphthylene	ND		mg/kg dry	0.0400	0.0864	1	08/19/09 05:15	SW846 8270D	9082723
Anthracene	2.23		mg/kg dry	0.0426	0.0864	1	08/19/09 05:15	SW846 8270D	9082723
Benzo (a) anthracene	7.13		mg/kg dry	0.245	0.432	5	08/19/09 15:49	SW846 8270D	9082723
Benzo (a) pyrene	2.15		mg/kg dry	0.0387	0.0864	1	08/19/09 05:15	SW846 8270D	9082723
Benzo (b) fluoranthene	2.57		mg/kg dry	0.0387	0.0864	1	08/19/09 05:15	SW846 8270D	9082723
Benzo (g,h,i) perylene	0.581		mg/kg dry	0.0387	0.0864	1	08/19/09 05:15	SW846 8270D	9082723
Benzo (k) fluoranthene	2.00		mg/kg dry	0.0387	0.0864	1	08/19/09 05:15	SW846 8270D	9082723
Chrysene	4.14		mg/kg dry	0.0516	0.0864	1	08/19/09 05:15	SW846 8270D	9082723
Dibenz (a,h) anthracene	0.443		mg/kg dry	0.0400	0.0864	1	08/19/09 05:15	SW846 8270D	9082723
Fluoranthene	15.5		mg/kg dry	0.439	0.864	10	08/19/09 19:00	SW846 8270D	9082723
Fluorene	1.70		mg/kg dry	0.0464	0.0864	1	08/19/09 05:15	SW846 8270D	9082723
Indeno (1,2,3-cd) pyrene	0.690		mg/kg dry	0.0400	0.0864	1	08/19/09 05:15	SW846 8270D	9082723
Naphthalene	ND		mg/kg dry	0.0529	0.0864	1	08/19/09 05:15	SW846 8270D	9082723
Phenanthrene	15.3		mg/kg dry	0.219	0.432	5	08/19/09 15:49	SW846 8270D	9082723
Pyrene	18.3		mg/kg dry	0.264	0.432	5	08/19/09 15:49	SW846 8270D	9082723
1-Methylnaphthalene	2.44		mg/kg dry	0.0413	0.0864	1	08/19/09 05:15	SW846 8270D	9082723
2-Methylnaphthalene	3.79		mg/kg dry	0.0426	0.0864	1	08/19/09 05:15	SW846 8270D	9082723
Surr: Terphenyl-d14 (18-120%)	68 %					1	08/19/09 05:15	SW846 8270D	9082723
Surr: 2-Fluorobiphenyl (14-120%)	62 %					1	08/19/09 05:15	SW846 8270D	9082723
Surr: Nitrobenzene-d5 (17-120%)	92 %					1	08/19/09 05:15	SW846 8270D	9082723

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwce

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-07 (1438 Dove - Soil) Sampled: 08/04/09 11:45								
General Chemistry Parameters								
% Dry Solids	86.1		%	0.500	1	08/19/09 14:20	SW-846	9082734
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg dry	0.00201	1	08/13/09 18:23	SW846 8260B	9081164
Ethylbenzene	1.18		mg/kg dry	0.0989	50	08/14/09 21:00	SW846 8260B	9082671
Naphthalene	4.42		mg/kg dry	0.247	50	08/14/09 21:00	SW846 8260B	9082671
Toluene	0.00805		mg/kg dry	0.00201	1	08/13/09 18:23	SW846 8260B	9081164
Xylenes, total	6.20		mg/kg dry	0.247	50	08/14/09 21:00	SW846 8260B	9082671
Surr: 1,2-Dichloroethane-d4 (67-138%)	95 %					08/13/09 18:23	SW846 8260B	9081164
Surr: 1,2-Dichloroethane-d4 (67-138%)	91 %					08/14/09 21:00	SW846 8260B	9082671
Surr: Dibromofluoromethane (75-125%)	88 %					08/13/09 18:23	SW846 8260B	9081164
Surr: Dibromofluoromethane (75-125%)	92 %					08/14/09 21:00	SW846 8260B	9082671
Surr: Toluene-d8 (76-129%)	108 %					08/13/09 18:23	SW846 8260B	9081164
Surr: Toluene-d8 (76-129%)	94 %					08/14/09 21:00	SW846 8260B	9082671
Surr: 4-Bromofluorobenzene (67-147%)	126 %					08/13/09 18:23	SW846 8260B	9081164
Surr: 4-Bromofluorobenzene (67-147%)	105 %					08/14/09 21:00	SW846 8260B	9082671

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-07 (1438 Dove - Soil) - cont. Sampled: 08/04/09 11:45									
Polyaromatic Hydrocarbons by EPA 8270D									
Acenaphthene	ND		mg/kg dry	0.368	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Acenaphthylene	ND		mg/kg dry	0.357	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Anthracene	0.453	J, L	mg/kg dry	0.380	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Benzo (a) anthracene	ND		mg/kg dry	0.437	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Benzo (a) pyrene	ND	L	mg/kg dry	0.345	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Benzo (b) fluoranthene	ND		mg/kg dry	0.345	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Benzo (g,h,i) perylene	ND		mg/kg dry	0.345	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Benzo (k) fluoranthene	ND		mg/kg dry	0.345	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Chrysene	ND		mg/kg dry	0.460	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Dibenz (a,h) anthracene	ND		mg/kg dry	0.357	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Fluoranthene	1.12		mg/kg dry	0.391	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Fluorene	2.54		mg/kg dry	0.414	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.357	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Naphthalene	6.93		mg/kg dry	0.472	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Phenanthrene	4.49		mg/kg dry	0.391	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Pyrene	ND	L	mg/kg dry	0.472	0.771	10	08/15/09 22:09	SW846 8270D	9081773
1-Methylnaphthalene	21.7		mg/kg dry	0.368	0.771	10	08/15/09 22:09	SW846 8270D	9081773
2-Methylnaphthalene	30.1		mg/kg dry	0.380	0.771	10	08/15/09 22:09	SW846 8270D	9081773
Surr: Terphenyl-d14 (18-120%)	82 %					10	08/15/09 22:09	SW846 8270D	9081773
Surr: 2-Fluorobiphenyl (14-120%)	86 %					10	08/15/09 22:09	SW846 8270D	9081773
Surr: Nitrobenzene-d5 (17-120%)	194 %	ZX				10	08/15/09 22:09	SW846 8270D	9081773

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwce

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-08 (1441 Dove - Soil) Sampled: 08/04/09 13:55								
General Chemistry Parameters								
% Dry Solids	81.6		%	0.500	1	08/19/09 10:43	SW-846	9082732
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	0.00373		mg/kg dry	0.00196	1	08/13/09 18:53	SW846 8260B	9081164
Ethylbenzene	ND	RL1	mg/kg dry	0.103	50	08/14/09 21:30	SW846 8260B	9082671
Naphthalene	0.697		mg/kg dry	0.258	50	08/14/09 21:30	SW846 8260B	9082671
Toluene	0.193		mg/kg dry	0.103	50	08/14/09 21:30	SW846 8260B	9082671
Xylenes, total	2.86		mg/kg dry	0.258	50	08/14/09 21:30	SW846 8260B	9082671
Surr: 1,2-Dichloroethane-d4 (67-138%)	114 %					08/13/09 18:53	SW846 8260B	9081164
Surr: 1,2-Dichloroethane-d4 (67-138%)	92 %					08/14/09 21:30	SW846 8260B	9082671
Surr: Dibromofluoromethane (75-125%)	101 %					08/13/09 18:53	SW846 8260B	9081164
Surr: Dibromofluoromethane (75-125%)	89 %					08/14/09 21:30	SW846 8260B	9082671
Surr: Toluene-d8 (76-129%)	161 %	ZX				08/13/09 18:53	SW846 8260B	9081164
Surr: Toluene-d8 (76-129%)	94 %					08/14/09 21:30	SW846 8260B	9082671
Surr: 4-Bromofluorobenzene (67-147%)	349 %	ZX				08/13/09 18:53	SW846 8260B	9081164
Surr: 4-Bromofluorobenzene (67-147%)	110 %					08/14/09 21:30	SW846 8260B	9082671

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwce

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-08 (1441 Dove - Soil) - cont. Sampled: 08/04/09 13:55									
Polyaromatic Hydrocarbons by EPA 8270D									
Accnaphthene	ND		mg/kg dry	1.53	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Acenaphthylene	ND		mg/kg dry	1.48	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Anthracene	ND	L	mg/kg dry	1.58	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Benzo (a) anthracene	ND		mg/kg dry	1.82	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Benzo (a) pyrene	ND	L	mg/kg dry	1.44	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Benzo (b) fluoranthene	ND		mg/kg dry	1.44	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Benzo (g,h,i) perylene	ND		mg/kg dry	1.44	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Benzo (k) fluoranthene	ND		mg/kg dry	1.44	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Chrysene	ND		mg/kg dry	1.91	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Dibenz (a,h) anthracene	ND		mg/kg dry	1.48	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Fluoranthene	ND		mg/kg dry	1.63	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Fluorene	ND		mg/kg dry	1.72	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	1.48	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Naphthalene	ND		mg/kg dry	1.96	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Phenanthrene	ND		mg/kg dry	1.63	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Pyrene	2.36	J, L	mg/kg dry	1.96	3.21	20	08/14/09 20:37	SW846 8270D	9081773
1-Methylnaphthalene	6.96		mg/kg dry	1.53	3.21	20	08/14/09 20:37	SW846 8270D	9081773
2-Methylnaphthalene	5.60		mg/kg dry	1.58	3.21	20	08/14/09 20:37	SW846 8270D	9081773
Surr: Terphenyl-d14 (18-120%)	98 %					20	08/14/09 20:37	SW846 8270D	9081773
Surr: 2-Fluorobiphenyl (14-120%)	78 %					20	08/14/09 20:37	SW846 8270D	9081773
Surr: Nitrobenzene-d5 (17-120%)	150 %	ZX				20	08/14/09 20:37	SW846 8270D	9081773

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-09 (1439 Dove - Soil) Sampled: 08/04/09 15:15								
General Chemistry Parameters								
% Dry Solids	80.6		%	0.500	1	08/19/09 10:43	SW-846	9082732
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	0.00268		mg/kg dry	0.00197	1	08/17/09 16:03	SW846 8260B	9082672
Ethylbenzene	0.0283		mg/kg dry	0.00197	1	08/17/09 16:03	SW846 8260B	9082672
Naphthalene	1.27		mg/kg dry	0.350	50	08/17/09 18:53	SW846 8260B	9082672
Toluene	ND		mg/kg dry	0.00197	1	08/17/09 16:03	SW846 8260B	9082672
Xylenes, total	0.122		mg/kg dry	0.00492	1	08/17/09 16:03	SW846 8260B	9082672
Surr: 1,2-Dichloroethane-d4 (67-138%)	103 %					08/17/09 16:03	SW846 8260B	9082672
Surr: 1,2-Dichloroethane-d4 (67-138%)	93 %					08/17/09 18:53	SW846 8260B	9082672
Surr: Dibromofluoromethane (75-125%)	99 %					08/17/09 16:03	SW846 8260B	9082672
Surr: Dibromofluoromethane (75-125%)	96 %					08/17/09 18:53	SW846 8260B	9082672
Surr: Toluene-d8 (76-129%)	106 %					08/17/09 16:03	SW846 8260B	9082672
Surr: Toluene-d8 (76-129%)	89 %					08/17/09 18:53	SW846 8260B	9082672
Surr: 4-Bromofluorobenzene (67-147%)	129 %					08/17/09 16:03	SW846 8260B	9082672
Surr: 4-Bromofluorobenzene (67-147%)	96 %					08/17/09 18:53	SW846 8260B	9082672

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH0575-09 (1439 Dove - Soil) - cont. Sampled: 08/04/09 15:15									
Polyaromatic Hydrocarbons by EPA 8270D									
Accenaphthene	ND		mg/kg dry	0.0394	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Accenaphthylene	ND		mg/kg dry	0.0381	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Anthracene	ND	L	mg/kg dry	0.0406	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Benzo (a) anthracene	ND		mg/kg dry	0.0467	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Benzo (a) pyrene	ND	L	mg/kg dry	0.0369	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Benzo (b) fluoranthene	ND		mg/kg dry	0.0369	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Benzo (g,h,i) perylene	ND		mg/kg dry	0.0369	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Benzo (k) fluoranthene	ND		mg/kg dry	0.0369	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Chrysene	ND		mg/kg dry	0.0492	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Dibenz (a,h) anthracene	ND		mg/kg dry	0.0381	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Fluoranthene	ND		mg/kg dry	0.0418	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Fluorene	0.202		mg/kg dry	0.0443	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Indeno (1,2,3-cd) pyrene	ND		mg/kg dry	0.0381	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Naphthalene	0.194		mg/kg dry	0.0504	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Phenanthrene	0.421		mg/kg dry	0.0418	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Pyrene	0.0586	J, L	mg/kg dry	0.0504	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
1-Methylnaphthalene	0.917		mg/kg dry	0.0394	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
2-Methylnaphthalene	1.33		mg/kg dry	0.0406	0.0824	1	08/14/09 21:01	SW846 8270D	9081773
Surr: Terphenyl-d14 (18-120%)	87 %					1	08/14/09 21:01	SW846 8270D	9081773
Surr: 2-Fluorobiphenyl (14-120%)	55 %					1	08/14/09 21:01	SW846 8270D	9081773
Surr: Nitrobenzene-d5 (17-120%)	64 %					1	08/14/09 21:01	SW846 8270D	9081773

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Polyaromatic Hydrocarbons by EPA 8270D							
SW846 8270D	9081773	NSH0575-01	30.38	1.00	08/13/09 14:30	TEM	EPA 3550C
SW846 8270D	9081773	NSH0575-02	30.55	1.00	08/13/09 14:30	TEM	EPA 3550C
SW846 8270D	9082723	NSH0575-02RE1	30.14	1.00	08/18/09 11:30	AJF	EPA 3550C
SW846 8270D	9081773	NSH0575-03	30.26	1.00	08/13/09 14:30	TEM	EPA 3550C
SW846 8270D	9082723	NSH0575-03RE1	30.39	1.00	08/18/09 11:30	AJF	EPA 3550C
SW846 8270D	9081773	NSH0575-04	30.69	1.00	08/13/09 14:30	TEM	EPA 3550C
SW846 8270D	9081773	NSH0575-04RE1	30.69	1.00	08/13/09 14:30	TEM	EPA 3550C
SW846 8270D	9082723	NSH0575-04RE2	30.77	1.00	08/18/09 11:30	AJF	EPA 3550C
SW846 8270D	9082723	NSH0575-04RE3	30.77	1.00	08/18/09 11:30	AJF	EPA 3550C
SW846 8270D	9081773	NSH0575-05	30.44	1.00	08/13/09 14:30	TEM	EPA 3550C
SW846 8270D	9081773	NSH0575-05RE1	30.44	1.00	08/13/09 14:30	TEM	EPA 3550C
SW846 8270D	9081773	NSH0575-05RE2	30.44	1.00	08/13/09 14:30	TEM	EPA 3550C
SW846 8270D	9082723	NSH0575-05RE3	30.70	1.00	08/18/09 11:30	AJF	EPA 3550C
SW846 8270D	9082723	NSH0575-05RE4	30.70	1.00	08/18/09 11:30	AJF	EPA 3550C
SW846 8270D	9082723	NSH0575-05RE5	30.70	1.00	08/18/09 11:30	AJF	EPA 3550C
SW846 8270D	9081773	NSH0575-06	30.26	1.00	08/13/09 14:30	TEM	EPA 3550C
SW846 8270D	9081773	NSH0575-06RE1	30.26	1.00	08/13/09 14:30	TEM	EPA 3550C
SW846 8270D	9081773	NSH0575-06RE2	30.26	1.00	08/13/09 14:30	TEM	EPA 3550C
SW846 8270D	9082723	NSH0575-06RE3	30.72	1.00	08/18/09 11:30	AJF	EPA 3550C
SW846 8270D	9082723	NSH0575-06RE4	30.72	1.00	08/18/09 11:30	AJF	EPA 3550C
SW846 8270D	9082723	NSH0575-06RE5	30.72	1.00	08/18/09 11:30	AJF	EPA 3550C
SW846 8270D	9081773	NSH0575-07	30.28	1.00	08/13/09 14:30	TEM	EPA 3550C
SW846 8270D	9081773	NSH0575-07RE1	30.28	1.00	08/13/09 14:30	TEM	EPA 3550C
SW846 8270D	9081773	NSH0575-08	30.72	2.00	08/13/09 14:30	TEM	EPA 3550C
SW846 8270D	9081773	NSH0575-08RE1	30.72	2.00	08/13/09 14:30	TEM	EPA 3550C
SW846 8270D	9081773	NSH0575-09	30.26	1.00	08/13/09 14:30	TEM	EPA 3550C
Selected Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	9081164	NSH0575-01	5.86	5.00	08/03/09 09:35	JRL	EPA 5035
SW846 8260B	9081164	NSH0575-02	5.83	5.00	08/03/09 09:15	JRL	EPA 5035
SW846 8260B	9082671	NSH0575-02RE1	5.54	5.00	08/03/09 09:15	JRL	EPA 5035
SW846 8260B	9081164	NSH0575-03	5.74	5.00	08/03/09 13:30	JRL	EPA 5035
SW846 8260B	9081164	NSH0575-04	5.59	5.00	08/03/09 13:45	JRL	EPA 5035
SW846 8260B	9082671	NSH0575-04RE1	6.00	5.00	08/03/09 13:45	JRL	EPA 5035
SW846 8260B	9081164	NSH0575-05	5.92	5.00	08/04/09 09:00	JRL	EPA 5035
SW846 8260B	9082671	NSH0575-05RE1	5.61	5.00	08/04/09 09:00	JRL	EPA 5035
SW846 8260B	9082672	NSH0575-05RE2	5.61	5.00	08/04/09 09:00	JRL	EPA 5035
SW846 8260B	9081164	NSH0575-06	6.12	5.00	08/04/09 09:30	JRL	EPA 5035
SW846 8260B	9082672	NSH0575-06RE1	5.94	5.00	08/04/09 09:30	JRL	EPA 5035
SW846 8260B	9081749	NSH0575-06RE2	6.25	5.00	08/04/09 09:30	JRL	EPA 5035
SW846 8260B	9081164	NSH0575-07	5.78	5.00	08/04/09 11:45	JRL	EPA 5035
SW846 8260B	9082671	NSH0575-07RE1	5.87	5.00	08/04/09 11:45	JRL	EPA 5035
SW846 8260B	9081164	NSH0575-08	6.25	5.00	08/04/09 13:55	JRL	EPA 5035
SW846 8260B	9082671	NSH0575-08RE1	5.94	5.00	08/04/09 13:55	JRL	EPA 5035
SW846 8260B	9081164	NSH0575-09	6.58	5.00	08/04/09 15:15	JRL	EPA 5035

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwec

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8260B	9082672	NSH0575-09RE1	6.30	5.00	08/04/09 15:15	JRL	EPA 5035
SW846 8260B	9082672	NSH0575-09RE2	4.43	5.00	08/04/09 15:15	JRL	EPA 5035

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwec

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
9081164-BLK1						
Benzene	<0.000670		mg/kg wet	9081164	9081164-BLK1	08/13/09 14:21
Ethylbenzene	<0.000670		mg/kg wet	9081164	9081164-BLK1	08/13/09 14:21
Naphthalene	<0.00170		mg/kg wet	9081164	9081164-BLK1	08/13/09 14:21
Toluene	<0.000400		mg/kg wet	9081164	9081164-BLK1	08/13/09 14:21
Xylenes, total	<0.00130		mg/kg wet	9081164	9081164-BLK1	08/13/09 14:21
Surrogate: 1,2-Dichloroethane-d4	103%			9081164	9081164-BLK1	08/13/09 14:21
Surrogate: Dibromofluoromethane	94%			9081164	9081164-BLK1	08/13/09 14:21
Surrogate: Toluene-d8	94%			9081164	9081164-BLK1	08/13/09 14:21
Surrogate: 4-Bromofluorobenzene	97%			9081164	9081164-BLK1	08/13/09 14:21
9081749-BLK1						
Benzene	<0.0335		mg/kg wet	9081749	9081749-BLK1	08/18/09 15:16
Ethylbenzene	<0.0335		mg/kg wet	9081749	9081749-BLK1	08/18/09 15:16
Naphthalene	<0.0850		mg/kg wet	9081749	9081749-BLK1	08/18/09 15:16
Toluene	0.0240	B	mg/kg wet	9081749	9081749-BLK1	08/18/09 15:16
Xylenes, total	<0.0650		mg/kg wet	9081749	9081749-BLK1	08/18/09 15:16
Surrogate: 1,2-Dichloroethane-d4	104%			9081749	9081749-BLK1	08/18/09 15:16
Surrogate: Dibromofluoromethane	99%			9081749	9081749-BLK1	08/18/09 15:16
Surrogate: Toluene-d8	102%			9081749	9081749-BLK1	08/18/09 15:16
Surrogate: 4-Bromofluorobenzene	102%			9081749	9081749-BLK1	08/18/09 15:16
9082671-BLK1						
Benzene	<0.000670		mg/kg wet	9082671	9082671-BLK1	08/14/09 18:59
Ethylbenzene	<0.000670		mg/kg wet	9082671	9082671-BLK1	08/14/09 18:59
Naphthalene	<0.00170		mg/kg wet	9082671	9082671-BLK1	08/14/09 18:59
Toluene	<0.000400		mg/kg wet	9082671	9082671-BLK1	08/14/09 18:59
Xylenes, total	<0.00130		mg/kg wet	9082671	9082671-BLK1	08/14/09 18:59
Surrogate: 1,2-Dichloroethane-d4	99%			9082671	9082671-BLK1	08/14/09 18:59
Surrogate: Dibromofluoromethane	95%			9082671	9082671-BLK1	08/14/09 18:59
Surrogate: Toluene-d8	95%			9082671	9082671-BLK1	08/14/09 18:59
Surrogate: 4-Bromofluorobenzene	95%			9082671	9082671-BLK1	08/14/09 18:59
9082672-BLK1						
Benzene	<0.000670		mg/kg wet	9082672	9082672-BLK1	08/17/09 14:31
Ethylbenzene	<0.000670		mg/kg wet	9082672	9082672-BLK1	08/17/09 14:31
Naphthalene	<0.00170		mg/kg wet	9082672	9082672-BLK1	08/17/09 14:31
Toluene	<0.000400		mg/kg wet	9082672	9082672-BLK1	08/17/09 14:31
Xylenes, total	<0.00130		mg/kg wet	9082672	9082672-BLK1	08/17/09 14:31
Surrogate: 1,2-Dichloroethane-d4	106%			9082672	9082672-BLK1	08/17/09 14:31
Surrogate: Dibromofluoromethane	101%			9082672	9082672-BLK1	08/17/09 14:31
Surrogate: Toluene-d8	94%			9082672	9082672-BLK1	08/17/09 14:31
Surrogate: 4-Bromofluorobenzene	94%			9082672	9082672-BLK1	08/17/09 14:31

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwce

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

PROJECT QUALITY CONTROL DATA Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Selected Volatile Organic Compounds by EPA Method 8260B

Polyaromatic Hydrocarbons by EPA 8270D

9081773-BLK1

Acenaphthene	<0.0320		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Acenaphthylene	<0.0310		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Anthracene	<0.0330		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Benzo (a) anthracene	<0.0380		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Benzo (a) pyrene	<0.0300		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Benzo (b) fluoranthene	<0.0300		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Benzo (g,h,i) perylene	<0.0300		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Benzo (k) fluoranthene	<0.0300		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Chrysene	<0.0400		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Dibenz (a,h) anthracene	<0.0310		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Fluoranthene	<0.0340		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Fluorene	<0.0360		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Indeno (1,2,3-cd) pyrene	<0.0310		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Naphthalene	<0.0410		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Phenanthrene	<0.0340		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Pyrene	<0.0410		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
1-Methylnaphthalene	<0.0320		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
2-Methylnaphthalene	<0.0330		mg/kg wet	9081773	9081773-BLK1	08/14/09 15:30
Surrogate: Terphenyl-d14	96%			9081773	9081773-BLK1	08/14/09 15:30
Surrogate: 2-Fluorobiphenyl	81%			9081773	9081773-BLK1	08/14/09 15:30
Surrogate: Nitrobenzene-d5	86%			9081773	9081773-BLK1	08/14/09 15:30

9082723-BLK1

Acenaphthene	<0.0320		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Acenaphthylene	<0.0310		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Anthracene	<0.0330		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Benzo (a) anthracene	<0.0380		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Benzo (a) pyrene	<0.0300		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Benzo (b) fluoranthene	<0.0300		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Benzo (g,h,i) perylene	<0.0300		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Benzo (k) fluoranthene	<0.0300		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Chrysene	<0.0400		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Dibenz (a,h) anthracene	<0.0310		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Fluoranthene	<0.0340		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Fluorene	<0.0360		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Indeno (1,2,3-cd) pyrene	<0.0310		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Naphthalene	<0.0410		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Phenanthrene	<0.0340		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Pyrene	<0.0410		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D						
9082723-BLK1						
1-Methylnaphthalene	<0.0320		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
2-Methylnaphthalene	<0.0330		mg/kg wet	9082723	9082723-BLK1	08/19/09 02:02
Surrogate: Terphenyl-d14	78%			9082723	9082723-BLK1	08/19/09 02:02
Surrogate: 2-Fluorobiphenyl	70%			9082723	9082723-BLK1	08/19/09 02:02
Surrogate: Nitrobenzene-d5	81%			9082723	9082723-BLK1	08/19/09 02:02

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
9082732-DUP1										
% Dry Solids	81.6	82.7		%	1	20	9082732	NSH0575-08		08/19/09 10:43
9082734-DUP1										
% Dry Solids	85.5	85.8		%	0.4	20	9082734	NSH1273-05		08/19/09 14:20

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwec

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
9081164-BS1								
Benzene	50.0	50.8		ug/kg	102%	78 - 126	9081164	08/13/09 12:19
Ethylbenzene	50.0	51.8		ug/kg	104%	79 - 130	9081164	08/13/09 12:19
Naphthalene	50.0	52.5		ug/kg	105%	72 - 150	9081164	08/13/09 12:19
Toluene	50.0	49.4		ug/kg	99%	76 - 126	9081164	08/13/09 12:19
Xylenes, total	150	157		ug/kg	105%	80 - 130	9081164	08/13/09 12:19
Surrogate: 1,2-Dichloroethane-d4	50.0	52.5			105%	67 - 138	9081164	08/13/09 12:19
Surrogate: Dibromofluoromethane	50.0	50.2			100%	75 - 125	9081164	08/13/09 12:19
Surrogate: Toluene-d8	50.0	49.2			98%	76 - 129	9081164	08/13/09 12:19
Surrogate: 4-Bromofluorobenzene	50.0	49.0			98%	67 - 147	9081164	08/13/09 12:19
9081749-BS1								
Benzene	50.0	42.4		ug/kg	85%	78 - 126	9081749	08/18/09 12:30
Ethylbenzene	50.0	48.8		ug/kg	98%	79 - 130	9081749	08/18/09 12:30
Naphthalene	50.0	53.0		ug/kg	106%	72 - 150	9081749	08/18/09 12:30
Toluene	50.0	47.6		ug/kg	95%	76 - 126	9081749	08/18/09 12:30
Xylenes, total	150	149		ug/kg	99%	80 - 130	9081749	08/18/09 12:30
Surrogate: 1,2-Dichloroethane-d4	25.0	23.2			93%	67 - 138	9081749	08/18/09 12:30
Surrogate: Dibromofluoromethane	25.0	24.7			99%	75 - 125	9081749	08/18/09 12:30
Surrogate: Toluene-d8	25.0	26.5			106%	76 - 129	9081749	08/18/09 12:30
Surrogate: 4-Bromofluorobenzene	25.0	22.2			89%	67 - 147	9081749	08/18/09 12:30
9082671-BS1								
Benzene	50.0	49.9		ug/kg	100%	78 - 126	9082671	08/14/09 16:59
Ethylbenzene	50.0	52.1		ug/kg	104%	79 - 130	9082671	08/14/09 16:59
Naphthalene	50.0	55.7		ug/kg	111%	72 - 150	9082671	08/14/09 16:59
Toluene	50.0	50.1		ug/kg	100%	76 - 126	9082671	08/14/09 16:59
Xylenes, total	150	155		ug/kg	104%	80 - 130	9082671	08/14/09 16:59
Surrogate: 1,2-Dichloroethane-d4	50.0	51.6			103%	67 - 138	9082671	08/14/09 16:59
Surrogate: Dibromofluoromethane	50.0	50.5			101%	75 - 125	9082671	08/14/09 16:59
Surrogate: Toluene-d8	50.0	50.0			100%	76 - 129	9082671	08/14/09 16:59
Surrogate: 4-Bromofluorobenzene	50.0	50.5			101%	67 - 147	9082671	08/14/09 16:59
9082672-BS1								
Benzene	50.0	55.8		ug/kg	112%	78 - 126	9082672	08/17/09 12:30
Ethylbenzene	50.0	53.9		ug/kg	108%	79 - 130	9082672	08/17/09 12:30
Naphthalene	50.0	59.8		ug/kg	120%	72 - 150	9082672	08/17/09 12:30
Toluene	50.0	52.1		ug/kg	104%	76 - 126	9082672	08/17/09 12:30
Xylenes, total	150	163		ug/kg	109%	80 - 130	9082672	08/17/09 12:30
Surrogate: 1,2-Dichloroethane-d4	50.0	55.2			110%	67 - 138	9082672	08/17/09 12:30
Surrogate: Dibromofluoromethane	50.0	54.5			109%	75 - 125	9082672	08/17/09 12:30
Surrogate: Toluene-d8	50.0	49.2			98%	76 - 129	9082672	08/17/09 12:30
Surrogate: 4-Bromofluorobenzene	50.0	50.2			100%	67 - 147	9082672	08/17/09 12:30

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

PROJECT QUALITY CONTROL DATA LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
Polyaromatic Hydrocarbons by EPA 8270D								
9081773-BS1								
Acenaphthene	1.67	1.43		mg/kg wet	86%	49 - 120	9081773	08/14/09 15:53
Acenaphthylene	1.67	1.49		mg/kg wet	90%	52 - 120	9081773	08/14/09 15:53
Anthracene	1.67	1.71		mg/kg wet	103%	58 - 120	9081773	08/14/09 15:53
Benzo (a) anthracene	1.67	1.62		mg/kg wet	97%	57 - 120	9081773	08/14/09 15:53
Benzo (a) pyrene	1.67	1.70		mg/kg wet	102%	55 - 120	9081773	08/14/09 15:53
Benzo (b) fluoranthene	1.67	1.82		mg/kg wet	109%	51 - 123	9081773	08/14/09 15:53
Benzo (g,h,i) perylene	1.67	1.53		mg/kg wet	92%	49 - 121	9081773	08/14/09 15:53
Benzo (k) fluoranthene	1.67	1.44		mg/kg wet	86%	42 - 129	9081773	08/14/09 15:53
Chrysene	1.67	1.56		mg/kg wet	94%	55 - 120	9081773	08/14/09 15:53
Dibenz (a,h) anthracene	1.67	1.60		mg/kg wet	96%	50 - 123	9081773	08/14/09 15:53
Fluoranthene	1.67	1.54		mg/kg wet	93%	58 - 120	9081773	08/14/09 15:53
Fluorene	1.67	1.44		mg/kg wet	86%	54 - 120	9081773	08/14/09 15:53
Indeno (1,2,3-cd) pyrene	1.67	1.59		mg/kg wet	95%	50 - 122	9081773	08/14/09 15:53
Naphthalene	1.67	1.22		mg/kg wet	73%	28 - 120	9081773	08/14/09 15:53
Phenanthrene	1.67	1.52		mg/kg wet	91%	56 - 120	9081773	08/14/09 15:53
Pyrene	1.67	1.70		mg/kg wet	102%	56 - 120	9081773	08/14/09 15:53
1-Methylnaphthalene	1.67	1.21		mg/kg wet	73%	36 - 120	9081773	08/14/09 15:53
2-Methylnaphthalene	1.67	1.23		mg/kg wet	74%	36 - 120	9081773	08/14/09 15:53
Surrogate: Terphenyl-d14	1.67	1.66			99%	18 - 120	9081773	08/14/09 15:53
Surrogate: 2-Fluorobiphenyl	1.67	1.38			83%	14 - 120	9081773	08/14/09 15:53
Surrogate: Nitrobenzene-d5	1.67	1.37			82%	17 - 120	9081773	08/14/09 15:53
9082723-BS1								
Acenaphthene	1.67	1.16		mg/kg wet	70%	49 - 120	9082723	08/19/09 02:26
Acenaphthylene	1.67	1.18		mg/kg wet	71%	52 - 120	9082723	08/19/09 02:26
Anthracene	1.67	1.43		mg/kg wet	86%	58 - 120	9082723	08/19/09 02:26
Benzo (a) anthracene	1.67	1.36		mg/kg wet	82%	57 - 120	9082723	08/19/09 02:26
Benzo (a) pyrene	1.67	1.39		mg/kg wet	83%	55 - 120	9082723	08/19/09 02:26
Benzo (b) fluoranthene	1.67	1.47		mg/kg wet	88%	51 - 123	9082723	08/19/09 02:26
Benzo (g,h,i) perylene	1.67	1.29		mg/kg wet	77%	49 - 121	9082723	08/19/09 02:26
Benzo (k) fluoranthene	1.67	1.17		mg/kg wet	70%	42 - 129	9082723	08/19/09 02:26
Chrysene	1.67	1.30		mg/kg wet	78%	55 - 120	9082723	08/19/09 02:26
Dibenz (a,h) anthracene	1.67	1.35		mg/kg wet	81%	50 - 123	9082723	08/19/09 02:26
Fluoranthene	1.67	1.35		mg/kg wet	81%	58 - 120	9082723	08/19/09 02:26
Fluorene	1.67	1.23		mg/kg wet	74%	54 - 120	9082723	08/19/09 02:26
Indeno (1,2,3-cd) pyrene	1.67	1.34		mg/kg wet	81%	50 - 122	9082723	08/19/09 02:26
Naphthalene	1.67	0.977		mg/kg wet	59%	28 - 120	9082723	08/19/09 02:26
Phenanthrene	1.67	1.28		mg/kg wet	77%	56 - 120	9082723	08/19/09 02:26
Pyrene	1.67	1.39		mg/kg wet	84%	56 - 120	9082723	08/19/09 02:26

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D								
9082723-BS1								
1-Methylnaphthalene	1.67	0.964		mg/kg wet	58%	36 - 120	9082723	08/19/09 02:26
2-Methylnaphthalene	1.67	1.01		mg/kg wet	61%	36 - 120	9082723	08/19/09 02:26
Surrogate: Terphenyl-d14	1.67	1.27			76%	18 - 120	9082723	08/19/09 02:26
Surrogate: 2-Fluorobiphenyl	1.67	1.02			61%	14 - 120	9082723	08/19/09 02:26
Surrogate: Nitrobenzene-d5	1.67	1.11			67%	17 - 120	9082723	08/19/09 02:26

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwce

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
9081164-BSD1												
Benzene		51.1		ug/kg	50.0	102%	78 - 126	0.5	50	9081164		08/13/09 12:49
Ethylbenzene		51.7		ug/kg	50.0	103%	79 - 130	0.08	50	9081164		08/13/09 12:49
Naphthalene		53.2		ug/kg	50.0	106%	72 - 150	1	50	9081164		08/13/09 12:49
Toluene		49.0		ug/kg	50.0	98%	76 - 126	0.8	50	9081164		08/13/09 12:49
Xylenes, total		156		ug/kg	150	104%	80 - 130	0.8	50	9081164		08/13/09 12:49
Surrogate: 1,2-Dichloroethane-d4		51.2		ug/kg	50.0	102%	67 - 138			9081164		08/13/09 12:49
Surrogate: Dibromofluoromethane		50.6		ug/kg	50.0	101%	75 - 125			9081164		08/13/09 12:49
Surrogate: Toluene-d8		48.7		ug/kg	50.0	97%	76 - 129			9081164		08/13/09 12:49
Surrogate: 4-Bromofluorobenzene		48.7		ug/kg	50.0	97%	67 - 147			9081164		08/13/09 12:49
9081749-BSD1												
Benzene		41.8		ug/kg	50.0	84%	78 - 126	1	50	9081749		08/18/09 12:58
Ethylbenzene		47.8		ug/kg	50.0	96%	79 - 130	2	50	9081749		08/18/09 12:58
Naphthalene		55.1		ug/kg	50.0	110%	72 - 150	4	50	9081749		08/18/09 12:58
Toluene		47.2		ug/kg	50.0	94%	76 - 126	1	50	9081749		08/18/09 12:58
Xylenes, total		145		ug/kg	150	97%	80 - 130	2	50	9081749		08/18/09 12:58
Surrogate: 1,2-Dichloroethane-d4		23.2		ug/kg	25.0	93%	67 - 138			9081749		08/18/09 12:58
Surrogate: Dibromofluoromethane		24.3		ug/kg	25.0	97%	75 - 125			9081749		08/18/09 12:58
Surrogate: Toluene-d8		26.7		ug/kg	25.0	107%	76 - 129			9081749		08/18/09 12:58
Surrogate: 4-Bromofluorobenzene		23.0		ug/kg	25.0	92%	67 - 147			9081749		08/18/09 12:58
9082671-BSD1												
Benzene		49.0		ug/kg	50.0	98%	78 - 126	2	50	9082671		08/14/09 17:29
Ethylbenzene		50.4		ug/kg	50.0	101%	79 - 130	3	50	9082671		08/14/09 17:29
Naphthalene		53.7		ug/kg	50.0	107%	72 - 150	4	50	9082671		08/14/09 17:29
Toluene		48.7		ug/kg	50.0	97%	76 - 126	3	50	9082671		08/14/09 17:29
Xylenes, total		151		ug/kg	150	101%	80 - 130	3	50	9082671		08/14/09 17:29
Surrogate: 1,2-Dichloroethane-d4		51.5		ug/kg	50.0	103%	67 - 138			9082671		08/14/09 17:29
Surrogate: Dibromofluoromethane		49.6		ug/kg	50.0	99%	75 - 125			9082671		08/14/09 17:29
Surrogate: Toluene-d8		49.7		ug/kg	50.0	99%	76 - 129			9082671		08/14/09 17:29
Surrogate: 4-Bromofluorobenzene		49.4		ug/kg	50.0	99%	67 - 147			9082671		08/14/09 17:29
9082672-BSD1												
Benzene		51.7		ug/kg	50.0	103%	78 - 126	8	50	9082672		08/17/09 13:00
Ethylbenzene		51.7		ug/kg	50.0	103%	79 - 130	4	50	9082672		08/17/09 13:00
Naphthalene		57.7		ug/kg	50.0	115%	72 - 150	4	50	9082672		08/17/09 13:00
Toluene		50.2		ug/kg	50.0	100%	76 - 126	4	50	9082672		08/17/09 13:00
Xylenes, total		155		ug/kg	150	103%	80 - 130	5	50	9082672		08/17/09 13:00
Surrogate: 1,2-Dichloroethane-d4		51.2		ug/kg	50.0	102%	67 - 138			9082672		08/17/09 13:00
Surrogate: Dibromofluoromethane		52.0		ug/kg	50.0	104%	75 - 125			9082672		08/17/09 13:00
Surrogate: Toluene-d8		48.7		ug/kg	50.0	97%	76 - 129			9082672		08/17/09 13:00

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwec

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
9082672-BSD1												
<i>Surrogate: 4-Bromofluorobenzene</i>		47.8		ug/kg	50.0	96%	67 - 147			9082672		08/17/09 13:00

Polyaromatic Hydrocarbons by EPA 8270D

9081773-BSD1

Acenaphthene	1.81			mg/kg wet	1.67	108%	49 - 120	23	40	9081773		08/14/09 16:16
Acenaphthylene	1.90			mg/kg wet	1.67	114%	52 - 120	24	30	9081773		08/14/09 16:16
Anthracene	2.08		L	mg/kg wet	1.67	125%	58 - 120	20	50	9081773		08/14/09 16:16
Benzo (a) anthracene	1.98			mg/kg wet	1.67	119%	57 - 120	20	30	9081773		08/14/09 16:16
Benzo (a) pyrene	2.09		L	mg/kg wet	1.67	125%	55 - 120	20	33	9081773		08/14/09 16:16
Benzo (b) fluoranthene	1.98			mg/kg wet	1.67	119%	51 - 123	9	42	9081773		08/14/09 16:16
Benzo (g,h,i) perylene	1.90			mg/kg wet	1.67	114%	49 - 121	22	32	9081773		08/14/09 16:16
Benzo (k) fluoranthene	1.97			mg/kg wet	1.67	118%	42 - 129	31	39	9081773		08/14/09 16:16
Chrysene	1.93			mg/kg wet	1.67	116%	55 - 120	21	34	9081773		08/14/09 16:16
Dibenz (a,h) anthracene	1.94			mg/kg wet	1.67	117%	50 - 123	19	31	9081773		08/14/09 16:16
Fluoranthene	1.86			mg/kg wet	1.67	112%	58 - 120	19	35	9081773		08/14/09 16:16
Fluorene	1.85			mg/kg wet	1.67	111%	54 - 120	25	37	9081773		08/14/09 16:16
Indeno (1,2,3-cd) pyrene	1.91			mg/kg wet	1.67	115%	50 - 122	19	32	9081773		08/14/09 16:16
Naphthalene	1.47			mg/kg wet	1.67	88%	28 - 120	18	34	9081773		08/14/09 16:16
Phenanthrene	1.87			mg/kg wet	1.67	112%	56 - 120	21	32	9081773		08/14/09 16:16
Pyrene	2.08		L	mg/kg wet	1.67	124%	56 - 120	20	40	9081773		08/14/09 16:16
1-Methylnaphthalene	1.49			mg/kg wet	1.67	89%	36 - 120	21	45	9081773		08/14/09 16:16
2-Methylnaphthalene	1.52			mg/kg wet	1.67	91%	36 - 120	21	50	9081773		08/14/09 16:16
<i>Surrogate: Terphenyl-d14</i>	1.94			mg/kg wet	1.67	116%	18 - 120			9081773		08/14/09 16:16
<i>Surrogate: 2-Fluorobiphenyl</i>	1.67			mg/kg wet	1.67	100%	14 - 120			9081773		08/14/09 16:16
<i>Surrogate: Nitrobenzene-d5</i>	1.54			mg/kg wet	1.67	93%	17 - 120			9081773		08/14/09 16:16

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D										
9081773-MS1										
Acenaphthene	ND	1.74		mg/kg dry	1.77	98%	42 - 120	9081773	NSG2706-01	08/14/09 16:40
Acenaphthylene	ND	1.75		mg/kg dry	1.77	99%	32 - 120	9081773	NSG2706-01	08/14/09 16:40
Anthracene	ND	1.92		mg/kg dry	1.77	108%	10 - 200	9081773	NSG2706-01	08/14/09 16:40
Benzo (a) anthracene	ND	1.78		mg/kg dry	1.77	100%	41 - 120	9081773	NSG2706-01	08/14/09 16:40
Benzo (a) pyrene	ND	1.90		mg/kg dry	1.77	107%	33 - 121	9081773	NSG2706-01	08/14/09 16:40
Benzo (b) fluoranthene	ND	1.89		mg/kg dry	1.77	107%	26 - 137	9081773	NSG2706-01	08/14/09 16:40
Benzo (g,h,i) perylene	ND	1.71		mg/kg dry	1.77	96%	21 - 124	9081773	NSG2706-01	08/14/09 16:40
Benzo (k) fluoranthene	ND	1.76		mg/kg dry	1.77	99%	14 - 140	9081773	NSG2706-01	08/14/09 16:40
Chrysene	ND	1.74		mg/kg dry	1.77	98%	28 - 123	9081773	NSG2706-01	08/14/09 16:40
Dibenz (a,h) anthracene	ND	1.81		mg/kg dry	1.77	102%	25 - 127	9081773	NSG2706-01	08/14/09 16:40
Fluoranthene	ND	1.72		mg/kg dry	1.77	97%	38 - 120	9081773	NSG2706-01	08/14/09 16:40
Fluorene	ND	1.71		mg/kg dry	1.77	96%	41 - 120	9081773	NSG2706-01	08/14/09 16:40
Indeno (1,2,3-cd) pyrene	ND	1.80		mg/kg dry	1.77	101%	25 - 123	9081773	NSG2706-01	08/14/09 16:40
Naphthalene	ND	1.40		mg/kg dry	1.77	79%	25 - 120	9081773	NSG2706-01	08/14/09 16:40
Phenanthrene	ND	1.74		mg/kg dry	1.77	98%	37 - 120	9081773	NSG2706-01	08/14/09 16:40
Pyrene	ND	1.91		mg/kg dry	1.77	108%	29 - 125	9081773	NSG2706-01	08/14/09 16:40
1-Methylnaphthalene	ND	1.41		mg/kg dry	1.77	80%	19 - 120	9081773	NSG2706-01	08/14/09 16:40
2-Methylnaphthalene	ND	1.45		mg/kg dry	1.77	82%	11 - 120	9081773	NSG2706-01	08/14/09 16:40
Surrogate: Terphenyl-d14		1.77		mg/kg dry	1.77	100%	18 - 120	9081773	NSG2706-01	08/14/09 16:40
Surrogate: 2-Fluorobiphenyl		1.44		mg/kg dry	1.77	81%	14 - 120	9081773	NSG2706-01	08/14/09 16:40
Surrogate: Nitrobenzene-d5		1.39		mg/kg dry	1.77	78%	17 - 120	9081773	NSG2706-01	08/14/09 16:40
9082723-MS1										
Acenaphthene	ND	1.52		mg/kg dry	2.01	76%	42 - 120	9082723	NSH0575-02RE 1	08/19/09 02:50
Acenaphthylene	ND	1.51		mg/kg dry	2.01	75%	32 - 120	9082723	NSH0575-02RE 1	08/19/09 02:50
Anthracene	ND	1.78		mg/kg dry	2.01	89%	10 - 200	9082723	NSH0575-02RE 1	08/19/09 02:50
Benzo (a) anthracene	ND	1.76		mg/kg dry	2.01	88%	41 - 120	9082723	NSH0575-02RE 1	08/19/09 02:50
Benzo (a) pyrene	ND	1.71		mg/kg dry	2.01	85%	33 - 121	9082723	NSH0575-02RE 1	08/19/09 02:50
Benzo (b) fluoranthene	ND	1.74		mg/kg dry	2.01	87%	26 - 137	9082723	NSH0575-02RE 1	08/19/09 02:50
Benzo (g,h,i) perylene	ND	1.56		mg/kg dry	2.01	78%	21 - 124	9082723	NSH0575-02RE 1	08/19/09 02:50
Benzo (k) fluoranthene	ND	1.53		mg/kg dry	2.01	76%	14 - 140	9082723	NSH0575-02RE 1	08/19/09 02:50
Chrysene	ND	1.66		mg/kg dry	2.01	83%	28 - 123	9082723	NSH0575-02RE 1	08/19/09 02:50

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D										
9082723-MS1										
Dibenz (a,h) anthracene	ND	1.64		mg/kg dry	2.01	82%	25 - 127	9082723	NSH0575-02RE 1	08/19/09 02:50
Fluoranthene	0.134	1.83		mg/kg dry	2.01	84%	38 - 120	9082723	NSH0575-02RE 1	08/19/09 02:50
Fluorene	ND	1.62		mg/kg dry	2.01	81%	41 - 120	9082723	NSH0575-02RE 1	08/19/09 02:50
Indeno (1,2,3-cd) pyrene	ND	1.66		mg/kg dry	2.01	83%	25 - 123	9082723	NSH0575-02RE 1	08/19/09 02:50
Naphthalene	ND	1.28		mg/kg dry	2.01	64%	25 - 120	9082723	NSH0575-02RE 1	08/19/09 02:50
Phenanthrene	0.138	1.85		mg/kg dry	2.01	85%	37 - 120	9082723	NSH0575-02RE 1	08/19/09 02:50
Pyrene	0.154	1.87		mg/kg dry	2.01	85%	29 - 125	9082723	NSH0575-02RE 1	08/19/09 02:50
1-Methylnaphthalene	0.0997	1.45		mg/kg dry	2.01	67%	19 - 120	9082723	NSH0575-02RE 1	08/19/09 02:50
2-Methylnaphthalene	0.125	1.59		mg/kg dry	2.01	73%	11 - 120	9082723	NSH0575-02RE 1	08/19/09 02:50
Surrogate: Terphenyl-d14		1.52		mg/kg dry	2.01	76%	18 - 120	9082723	NSH0575-02RE 1	08/19/09 02:50
Surrogate: 2-Fluorobiphenyl		1.25		mg/kg dry	2.01	62%	14 - 120	9082723	NSH0575-02RE 1	08/19/09 02:50
Surrogate: Nitrobenzene-d5		1.30		mg/kg dry	2.01	65%	17 - 120	9082723	NSH0575-02RE 1	08/19/09 02:50

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D												
9081773-MSD1												
Acenaphthene	ND	1.71		mg/kg dry	1.82	94%	42 - 120	2	40	9081773	NSG2706-01	08/14/09 17:03
Acenaphthylene	ND	1.75		mg/kg dry	1.82	96%	32 - 120	0.1	30	9081773	NSG2706-01	08/14/09 17:03
Anthracene	ND	1.91		mg/kg dry	1.82	105%	10 - 200	0.4	50	9081773	NSG2706-01	08/14/09 17:03
Benzo (a) anthracene	ND	1.82		mg/kg dry	1.82	100%	41 - 120	2	30	9081773	NSG2706-01	08/14/09 17:03
Benzo (a) pyrene	ND	1.87		mg/kg dry	1.82	102%	33 - 121	2	33	9081773	NSG2706-01	08/14/09 17:03
Benzo (b) fluoranthene	ND	2.03		mg/kg dry	1.82	111%	26 - 137	7	42	9081773	NSG2706-01	08/14/09 17:03
Benzo (g,h,i) perylene	ND	1.74		mg/kg dry	1.82	95%	21 - 124	2	32	9081773	NSG2706-01	08/14/09 17:03
Benzo (k) fluoranthene	ND	1.59		mg/kg dry	1.82	87%	14 - 140	10	39	9081773	NSG2706-01	08/14/09 17:03
Chrysene	ND	1.73		mg/kg dry	1.82	95%	28 - 123	0.5	34	9081773	NSG2706-01	08/14/09 17:03
Dibenz (a,h) anthracene	ND	1.82		mg/kg dry	1.82	100%	25 - 127	0.6	31	9081773	NSG2706-01	08/14/09 17:03
Fluoranthene	ND	1.72		mg/kg dry	1.82	94%	38 - 120	0.06	35	9081773	NSG2706-01	08/14/09 17:03
Fluorene	ND	1.72		mg/kg dry	1.82	94%	41 - 120	0.8	37	9081773	NSG2706-01	08/14/09 17:03
Indeno (1,2,3-cd) pyrene	ND	1.78		mg/kg dry	1.82	98%	25 - 123	1	32	9081773	NSG2706-01	08/14/09 17:03
Naphthalene	ND	1.36		mg/kg dry	1.82	75%	25 - 120	3	42	9081773	NSG2706-01	08/14/09 17:03
Phenanthrene	ND	1.71		mg/kg dry	1.82	94%	37 - 120	2	32	9081773	NSG2706-01	08/14/09 17:03
Pyrene	ND	1.90		mg/kg dry	1.82	104%	29 - 125	0.6	40	9081773	NSG2706-01	08/14/09 17:03
1-Methylnaphthalene	ND	1.40		mg/kg dry	1.82	77%	19 - 120	0.9	45	9081773	NSG2706-01	08/14/09 17:03
2-Methylnaphthalene	ND	1.41		mg/kg dry	1.82	77%	11 - 120	3	50	9081773	NSG2706-01	08/14/09 17:03
Surrogate: Terphenyl-d14		1.78		mg/kg dry	1.82	98%	18 - 120			9081773	NSG2706-01	08/14/09 17:03
Surrogate: 2-Fluorobiphenyl		1.42		mg/kg dry	1.82	78%	14 - 120			9081773	NSG2706-01	08/14/09 17:03
Surrogate: Nitrobenzene-d5		1.39		mg/kg dry	1.82	76%	17 - 120			9081773	NSG2706-01	08/14/09 17:03
9082723-MSD1												
Acenaphthene	ND	1.45		mg/kg dry	1.99	73%	42 - 120	5	40	9082723	NSH0575-02R E1	08/19/09 03:14
Acenaphthylene	ND	1.47		mg/kg dry	1.99	74%	32 - 120	3	30	9082723	NSH0575-02R E1	08/19/09 03:14
Anthracene	ND	1.67		mg/kg dry	1.99	84%	10 - 200	7	50	9082723	NSH0575-02R E1	08/19/09 03:14
Benzo (a) anthracene	ND	1.57		mg/kg dry	1.99	79%	41 - 120	11	30	9082723	NSH0575-02R E1	08/19/09 03:14
Benzo (a) pyrene	ND	1.59		mg/kg dry	1.99	80%	33 - 121	7	33	9082723	NSH0575-02R E1	08/19/09 03:14
Benzo (b) fluoranthene	ND	1.64		mg/kg dry	1.99	82%	26 - 137	6	42	9082723	NSH0575-02R E1	08/19/09 03:14
Benzo (g,h,i) perylene	ND	1.50		mg/kg dry	1.99	75%	21 - 124	4	32	9082723	NSH0575-02R E1	08/19/09 03:14
Benzo (k) fluoranthene	ND	1.42		mg/kg dry	1.99	71%	14 - 140	7	39	9082723	NSH0575-02R E1	08/19/09 03:14
Chrysene	ND	1.50		mg/kg dry	1.99	75%	28 - 123	10	34	9082723	NSH0575-02R E1	08/19/09 03:14
Dibenz (a,h) anthracene	ND	1.55		mg/kg dry	1.99	78%	25 - 127	5	31	9082723	NSH0575-02R E1	08/19/09 03:14
Fluoranthene	0.134	1.67		mg/kg dry	1.99	77%	38 - 120	9	35	9082723	NSH0575-02R E1	08/19/09 03:14

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D												
9082723-MSD1												
Fluorene	ND	1.53		mg/kg dry	1.99	77%	41 - 120	6	37	9082723	NSH0575-02R E1	08/19/09 03:14
Indeno (1,2,3-cd) pyrene	ND	1.53		mg/kg dry	1.99	77%	25 - 123	8	32	9082723	NSH0575-02R E1	08/19/09 03:14
Naphthalene	ND	1.13		mg/kg dry	1.99	57%	25 - 120	13	42	9082723	NSH0575-02R E1	08/19/09 03:14
Phenanthrene	0.138	1.66		mg/kg dry	1.99	77%	37 - 120	11	32	9082723	NSH0575-02R E1	08/19/09 03:14
Pyrene	0.154	1.77		mg/kg dry	1.99	81%	29 - 125	5	40	9082723	NSH0575-02R E1	08/19/09 03:14
1-Methylnaphthalene	0.0997	1.25		mg/kg dry	1.99	58%	19 - 120	15	45	9082723	NSH0575-02R E1	08/19/09 03:14
2-Methylnaphthalene	0.125	1.32		mg/kg dry	1.99	60%	11 - 120	19	50	9082723	NSH0575-02R E1	08/19/09 03:14
Surrogate: Terphenyl-d14		1.51		mg/kg dry	1.99	76%	18 - 120			9082723	NSH0575-02R E1	08/19/09 03:14
Surrogate: 2-Fluorobiphenyl		1.22		mg/kg dry	1.99	61%	14 - 120			9082723	NSH0575-02R E1	08/19/09 03:14
Surrogate: Nitrobenzene-d5		1.25		mg/kg dry	1.99	63%	17 - 120			9082723	NSH0575-02R E1	08/19/09 03:14

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwce

Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nclac	South Carolina
SW846 8260B	Soil	N/A	X	X
SW846 8270D	Soil		X	X
SW-846	Soil			

Client EEG - Small Business Group, Inc. (2449)
10179 Highway 78
Ladson, SC 29456
Attn Tom McElwee

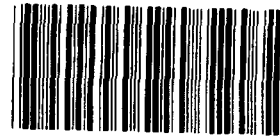
Work Order: NSH0575
Project Name: Laurel Bay Housing Project
Project Number: [none]
Received: 08/07/09 08:00

DATA QUALIFIERS AND DEFINITIONS

B Analyte was detected in the associated Method Blank.
CF2 Confirmatory analysis was past holding time.
CF6 Results confirmed by reanalysis.
J Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
L Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
RL1 Reporting limit raised due to sample matrix effects.
ZX Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

COOLER RECEIPT



NSH0575

Cooler Received/Opened On 08/07/09 @ 08:00

1. Tracking # 5268 (last 4 digits, FedE.)

Courier: FED-EX IR Gun ID 97310166

2. Temperature of rep. sample or temp blank when opened: 3.4 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1-BACK! 1-FRONT

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) [Signature]

7. Were custody seals on containers: YES NO and intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry Ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #

I certify that I unloaded the cooler and answered questions 7-14 (initial) [Signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) [Signature]

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) [Signature]

I certify that I attached a label with the unique LIMS number to each container (initial) [Signature]

21. Were there Non-Conformance issues at login? YES...NO... Was a PIPE generated? YES...NO...#

NSH0575

08/21/09 23 59

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404To assist us in using the proper analytical
methods, is this work being conducted for
regulatory purposes?Compliance Monitoring? Yes ☐ No ☐Enforcement Action? Yes ☐ No ☐

Client Name/Account #: EEG # 2449

Address: 10179 Highway 78

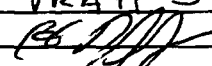
City/State/Zip: Ladson, SC 29456

Project Manager: Tom McElwee email: mcelwee@eeginc.net

Telephone Number: 843.412.2097

Fax No.: 843-879-0401

Sampler Name: (Print) PRATH SHAW

Sampler Signature: 

Site State: SC

PO#: 0829

TA Quote #:

Project ID: Laurel Bay Housing Project

Project #:

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Ice	Preservative						Matrix						Analyze For:										RUSH TAT (Pre-Schedule)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
								HNO ₃ (red label) B1, B1.1, B1.2	HCl (Blue Label)	NaOH (Orange Label)	H ₂ SO ₄ Plastic (Yellow Label)	H ₂ SO ₄ Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	BTEX + Napth - 82608	PAH - 8270D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

Special Instructions:

Relinquished by:			Method of Shipment:			FEDEX		
8/16/09			Received by: Fedex			Date Time		
8/16/09			Received by TestAmerica			Date Time		
8/16/09			8:18 AM			0800		

Laboratory Comments:

Temperature Upon Receipt: 34c
VOCs Free of Headspace? Y

ATTACHMENT A

UST Certificate of Disposal

CONTRACTOR

Small Business Group, Inc.
10179 Highway 78
Ladson, SC 29456

TEL (843) 879-0403
FAX (843) 879-0401

TANK ID & LOCATION

UST 1438Dove, 1438 Dove Lane, Laurel Bay Housing Area, MCAS Beaufort, S.C.

DISPOSAL LOCATION

Coastal Auto Salvage Co., Inc.
130 Laurel Bay Road
Beaufort, S.C. 29906

TYPE OF TANK

SIZE (GAL)

Steel

280

CLEANING/DISPOSAL METHOD

The tank and piping were unearthed, cut open, cleaned with a pressure washer, cut into sections, and recycled.

DISPOSAL CERTIFICATION

I certify that the above tank, piping and equipment has been properly cleaned and disposed of.

T. L. Wheeler, 9/11/09
(Name) (Date)

South Carolina Department of Health and Environmental Control (SCDHEC)
Underground Storage Tank (UST) Assessment Report

Date Received

State Use Only

RECEIVED

OCT 23 2014

SC DHEC - Bureau of
Land & Waste Management

Submit Completed Form To:

UST Program

SCDHEC

2600 Bull Street

Columbia, South Carolina 29201

Telephone (803) 896-7957

I. OWNERSHIP OF UST (S)

MCAS Beaufort, Commanding Officer Attn: NREAO (Craig Ehde)

Owner Name (Corporation, Individual, Public Agency, Other)

P.O. Box 55001

Mailing Address

Beaufort,

South Carolina

29904-5001

City

State

Zip Code

843

228-7317

Craig Ehde

Area Code

Telephone Number

Contact Person

II. SITE IDENTIFICATION AND LOCATION

Permit I.D. #

Laurel Bay Military Housing Area, Marine Corps Air Station, Beaufort, SC
Facility Name or Company Site Identifier

1438 Dove Lane, Laurel Bay Military Housing Area

Street Address or State Road (as applicable)

Beaufort,

Beaufort

City

County

III. INSURANCE INFORMATION

Insurance Statement

The petroleum release reported to DHEC on _____ at Permit ID Number _____ may qualify to receive state monies to pay for appropriate site rehabilitation activities. Before participation is allowed in the State Clean-up fund, written confirmation of the existence or non-existence of an environmental insurance policy is required. **This section must be completed.**

Is there now, or has there ever been an insurance policy or other financial mechanism that covers this UST release? YES _____ NO _____ (check one)

If you answered YES to the above question, please complete the following information:

My policy provider is: _____
The policy deductible is: _____
The policy limit is: _____

If you have this type of insurance, please include a copy of the policy with this report.

IV. REQUEST FOR SUPERB FUNDING

I **DO** / **DO NOT** wish to participate in the SUPERB Program. (Circle one.)

V. CERTIFICATION (To be signed by the UST owner)

I certify that I have personally examined and am familiar with the information submitted in this and all attached documents; and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Name (Type or print.)

Signature

To be completed by Notary Public:

Sworn before me this _____ day of _____, 20____

(Name)

Notary Public for the state of _____
Please affix State seal if you are commissioned outside South Carolina

VI. UST INFORMATION

- A. Product...(ex. Gas, Kerosene).....
- B. Capacity...(ex. 1k, 2k).....
- C. Age.....
- D. Construction Material...(ex. Steel, FRP).....
- E. Month/Year of Last Use.....
- F. Depth (ft.) To Base of Tank.....
- G. Spill Prevention Equipment Y/N.....
- H. Overfill Prevention Equipment Y/N.....
- I. Method of Closure Removed/Filled.....
- J. Date Tanks Removed/Filled.....
- K. Visible Corrosion or Pitting Y/N.....
- L. Visible Holes Y/N.....

1438Dove-1				
Heating oil				
280 gal				
Late 1950s				
Steel				
Mid 1980s				
4' 3"				
No				
No				
Removed				
4/22/2013				
Yes				
Yes				

- M. Method of disposal for any USTs removed from the ground (attach disposal manifests)
UST 1438Dove-1 was removed from the ground and disposed at a
Subtitle "D" landfill. See Attachment "A."

- N. Method of disposal for any liquid petroleum, sludges, or wastewaters removed from the USTs (attach disposal manifests)
UST 1438Dove-1 had been previously filled with sand by others.

- O. If any corrosion, pitting, or holes were observed, describe the location and extent for each UST
Corrosion, pitting and holes were found throughout the tank.

VII. PIPING INFORMATION

- A. Construction Material..(ex. Steel, FRP).....
- B. Distance from UST to Dispenser.....
- C. Number of Dispensers.....
- D. Type of System Pressure or Suction.....
- E. Was Piping Removed from the Ground? Y/N
- F. Visible Corrosion or Pitting Y/N.....
- G. Visible Holes Y/N.....
- H. Age.....
- I. If any corrosion, pitting, or holes were observed, describe the location and extent for each piping run.

1438Dove-1				
Steel & Copper				
N/A				
N/A				
Suction				
No				
Yes				
No				
Late 1950s				

Corrosion and pitting were found on the surface of the steel vent pipe. Copper supply and return lines were sound.

VIII. BRIEF SITE DESCRIPTION AND HISTORY

The USTs at the residences are constructed of single wall steel and formerly contained fuel oil for heating. These USTs were installed in the late 1950s and last used in the mid 1980s.

UST 1438Dove-1 is the second tank removed from this residence.

IX. SITE CONDITIONS

	Yes	No	Unk
A. Were any petroleum-stained or contaminated soils found in the UST excavation, soil borings, trenches, or monitoring wells? If yes, indicate depth and location on the site map.		X	
B. Were any petroleum odors detected in the excavation, soil borings, trenches, or monitoring wells? If yes, indicate location on site map and describe the odor (strong, mild, etc.)		X	
C. Was water present in the UST excavation, soil borings, or trenches? If yes, how far below land surface (indicate location and depth)?		X	
D. Did contaminated soils remain stockpiled on site after closure? If yes, indicate the stockpile location on the site map. Name of DHEC representative authorizing soil removal:		X	
E. Was a petroleum sheen or free product detected on any excavation or boring waters? If yes, indicate location and thickness.		X	

X. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number 84009001

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA #
1438 Dove-1	Excav at fill end	Soil	Sandy	4'3"	4/22/13 1215 hrs	P. Shaw	
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

* = Depth Below the Surrounding Land Surface

XI. SAMPLING METHODOLOGY

Provide a detailed description of the methods used to collect and store the samples. Also include the preservative used for each sample. Please use the space provided below.

Sampling was performed in accordance with SC DHEC R.61-92 Part 280 and SC DHEC Assessment Guidelines. Sample containers were prepared by the testing laboratory. The grab method was utilized to fill the sample containers leaving as little head space as possible and immediately capped. Soil samples were extracted from area below tank. The samples were marked, logged, and immediately placed in a sample cooler packed with ice to maintain an approximate temperature of 4 degrees Centigrade. Tools were thoroughly cleaned and decontaminated with the seven step decon process after each use. The samples remained in custody of SBG-EEG, Inc. until they were transferred to Test America Incorporated for analysis as documented in the Chain of Custody Record.

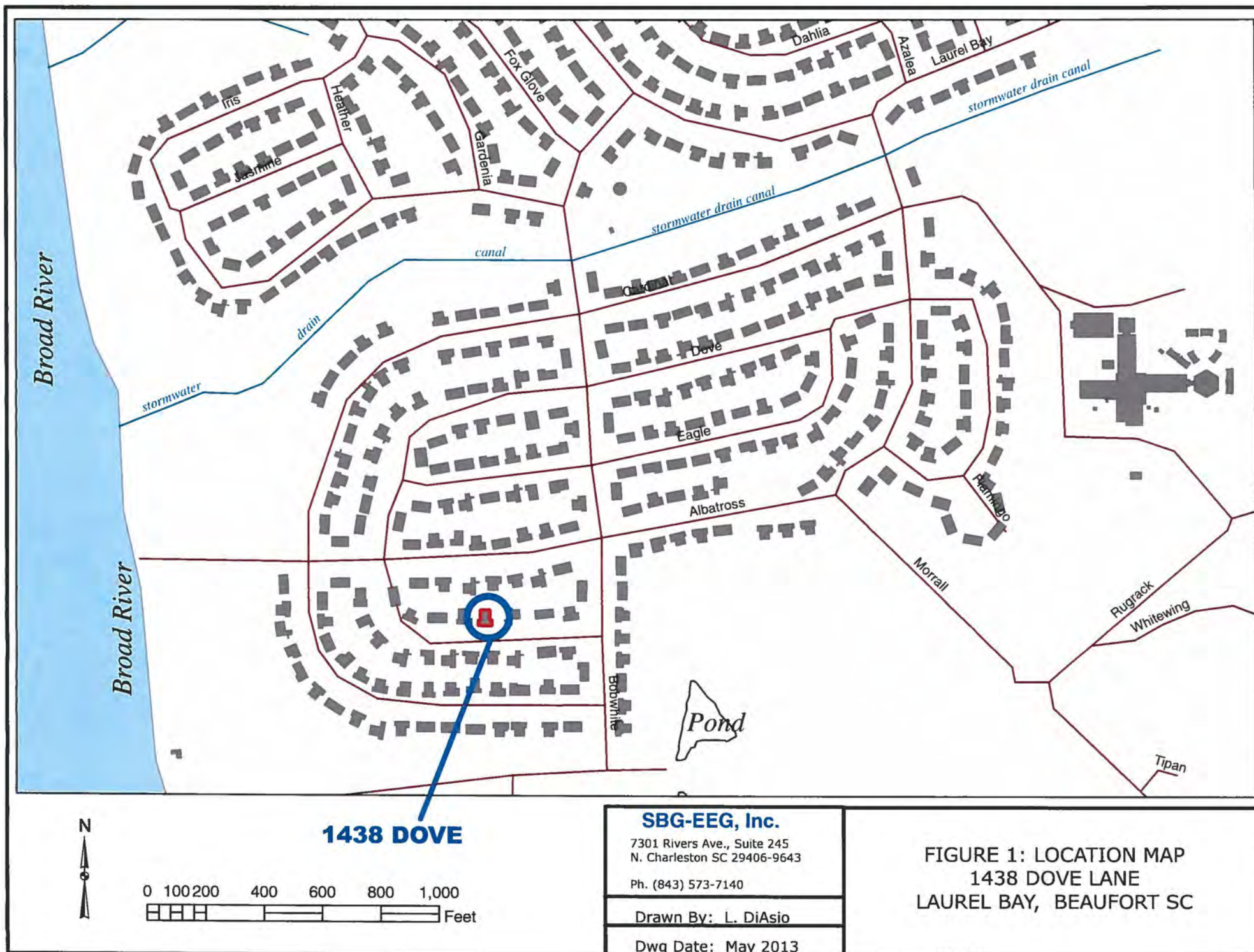
XII. RECEPTORS

	Yes	No
A. Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system? If yes, indicate type of receptor, distance, and direction on site map.		X
B. Are there any public, private, or irrigation water supply wells within 1000 feet of the UST system? If yes, indicate type of well, distance, and direction on site map.		X
C. Are there any underground structures (e.g., basements) Located within 100 feet of the UST system? If yes, indicate type of structure, distance, and direction on site map.		X
D. Are there any underground utilities (e.g., telephone, electricity, gas, water, sewer, storm drain) located within 100 feet of the UST system that could potentially come in contact with the contamination? *Sewer, water, electricity cable, fiber optic & geothermal If yes, indicate the type of utility, distance, and direction on the site map.	*X	
E. Has contaminated soil been identified at a depth less than 3 feet below land surface in an area that is not capped by asphalt or concrete? If yes, indicate the area of contaminated soil on the site map.		X

XIII. SITE MAP

You must supply a scaled site map. It should include all buildings, road names, utilities, tank and dispenser island locations, labeled sample locations, extent of excavation, and any other pertinent information.

(Attach Site Map Here)

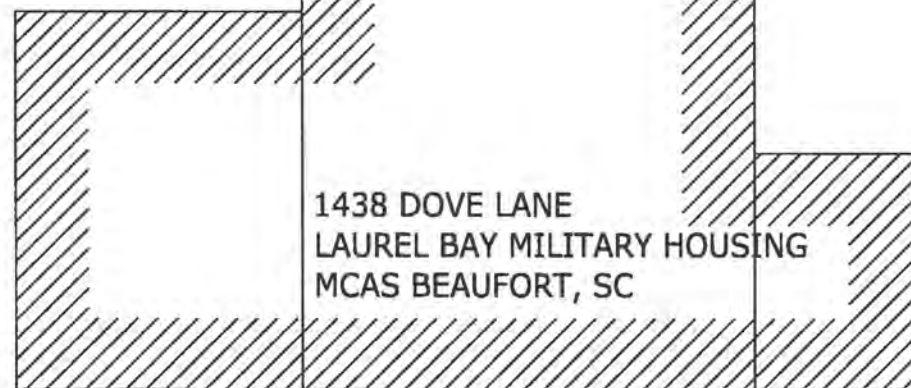




UST
1438DOVE-1

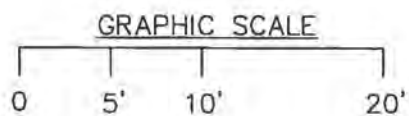


GEO THERMAL LINES



1438 DOVE LANE
LAUREL BAY MILITARY HOUSING
MCAS BEAUFORT, SC

ASPHALT
DRIVEWAY



UST 1438DOVE-1 WAS
15" BELOW GRADE.

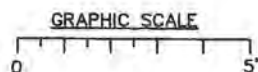
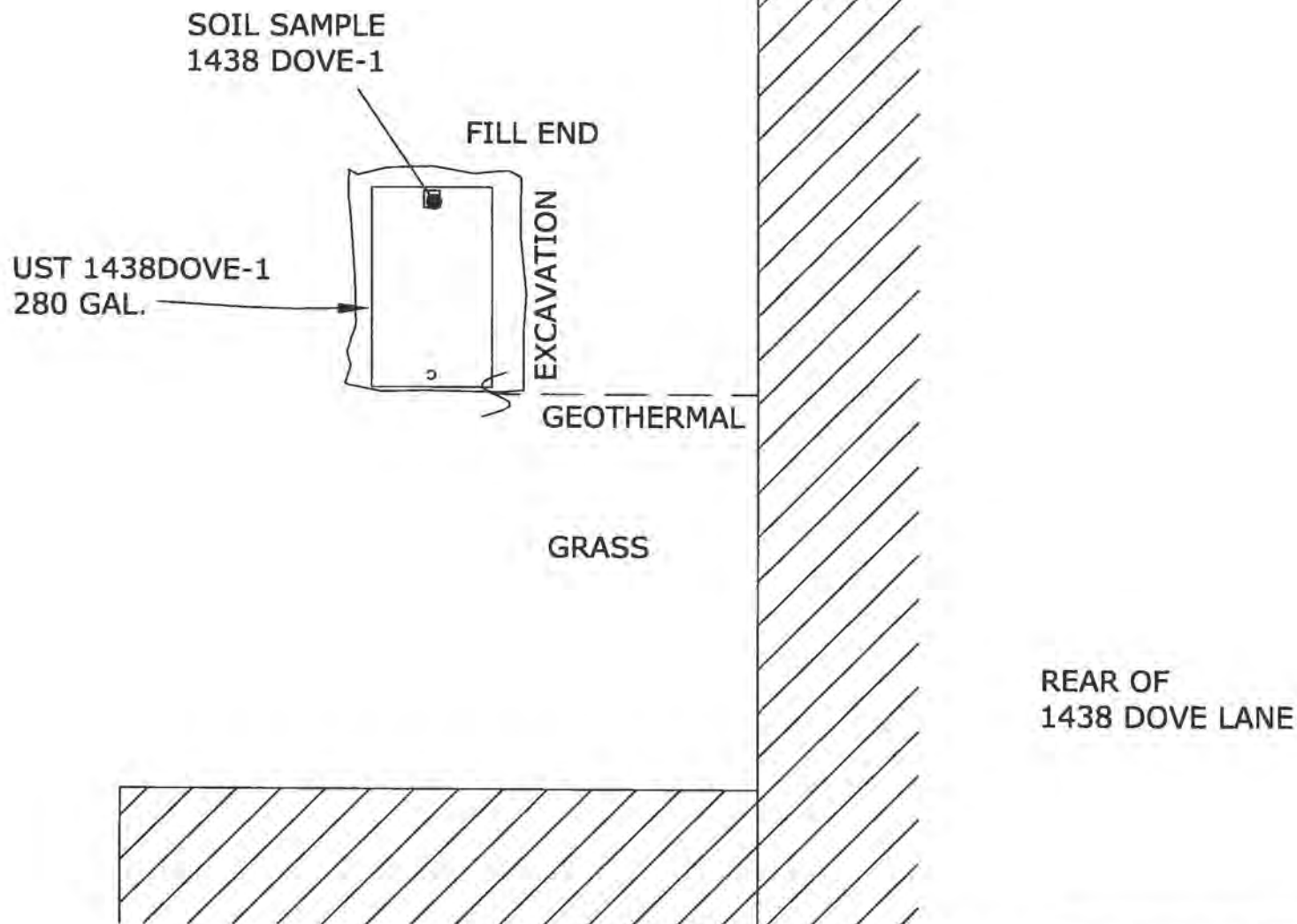
SBG

7301 RIVERS AVE., SUITE 245
N. CHARLESTON SC 29406
(843) 573-7140

FIGURE 2 SITE MAP
1438 DOVE LANE, LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC

DWG DATE MAY 2013



SBG

7301 RIVERS AVE., SUITE 245
N. CHARLESTON SC 29406
(843) 573-7140

FIGURE 3 UST SAMPLE LOCATIONS
1438 DOVE LANE, LAUREL BAY
MCAS BEAUFORT SC

SCALE: GRAPHIC

DWG DATE MAY 2013



Picture 1: Location of UST 1438Dove-1.



Picture 2: UST 1438Dove-1 excavation.

XIV. SUMMARY OF ANALYSIS RESULTS

Enter the soil analytical data for each soil boring for all COC in the table below and on the following page.

CoC	UST	1438Dove-1						
Benzene		ND						
Toluene		ND						
Ethylbenzene		ND						
Xylenes		0.00127 mg/kg						
Naphthalene		0.00311 mg/kg						
Benzo (a) anthracene		ND						
Benzo (b) fluoranthene		ND						
Benzo (k) fluoranthene		ND						
Chrysene		ND						
Dibenz (a, h) anthracene		ND						
TPH (EPA 3550)								

CoC								
Benzene								
Toluene								
Ethylbenzene								
Xylenes								
Naphthalene								
Benzo (a) anthracene								
Benzo (b) fluoranthene								
Benzo (k) fluoranthene								
Chrysene								
Dibenz (a, h) anthracene								
TPH (EPA 3550)								

SUMMARY OF ANALYSIS RESULTS (cont'd)

Enter the ground water analytical data for each sample for all CoC in the table below. If free product is present, indicate the measured thickness to the nearest 0.01 feet.

CoC	RBSL (µg/l)	W-1	W-2	W -3	W -4
Free Product Thickness	None				
Benzene	5				
Toluene	1,000				
Ethylbenzene	700				
Xylenes	10,000				
Total BTEX	N/A				
MTBE	40				
Naphthalene	25				
Benzo (a) anthracene	10				
Benzo (b) flouranthene	10				
Benzo (k) flouranthene	10				
Chrysene	10				
Dibenz (a, h) anthracene	10				
EDB	.05				
1,2-DCA	5				
Lead	Site specific				

XV. ANALYTICAL RESULTS

You must submit the laboratory report and chain-of-custody form for the samples. These samples must be analyzed by a South Carolina certified laboratory.

(Attach Certified Analytical Results and Chain-of-Custody Here)
(Please see Form #4)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Drive

Nashville, TN 37204

Tel: (615)726-0177

TestAmerica Job ID: 490-25526-1

Client Project/Site: Laurel Bay Housing Project

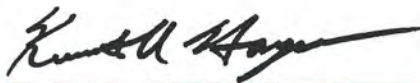
For:

Environmental Enterprise Group

10179 Highway 78

Ladson, South Carolina 29456

Attn: Mr. Tom McElwee



Authorized for release by:

5/13/2013 5:12:06 PM

Ken Hayes, Project Manager I

ken.hayes@testamericainc.com

LINKS

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results through

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-25526-1	1458 Cardinal	Soil	04/23/13 15:30	05/01/13 08:00
490-25526-2	1335 Albatross	Soil	04/24/13 14:00	05/01/13 08:00
490-25526-3	1438 Dove-1	Soil	04/22/13 12:15	05/01/13 08:00
490-25526-4	1188 Bobwhite	Soil	04/22/13 15:45	05/01/13 08:00

TestAmerica Nashville

Case Narrative

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Job ID: 490-25526-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-25526-1

Comments

No additional comments.

Receipt

The samples were received on 5/1/2013 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.6° C.

GC/MS VOA

Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 76738.

No other analytical or quality issues were noted.

GC/MS Semi VOA

No analytical or quality issues were noted.

Organic Prep

Method(s) Moisture: The sample duplicate precision for the following sample associated with batch 76389 was outside control limits: (490-25521-1 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

No other analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

Definitions/Glossary

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
■	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Client Sample ID: 1458 Cardinal

Date Collected: 04/23/13 15:30

Date Received: 05/01/13 08:00

Lab Sample ID: 490-25526-1

Matrix: Soil

Percent Solids: 74.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00242	0.000810	mg/Kg	☐	05/01/13 16:08	05/03/13 09:46	1
Ethylbenzene	ND		0.00242	0.000810	mg/Kg	☐	05/01/13 16:08	05/03/13 09:46	1
Naphthalene	ND		0.00605	0.00206	mg/Kg	☐	05/01/13 16:08	05/03/13 09:46	1
Toluene	ND		0.00242	0.000895	mg/Kg	☐	05/01/13 16:08	05/03/13 09:46	1
Xylenes, Total	ND		0.00605	0.000810	mg/Kg	☐	05/01/13 16:08	05/03/13 09:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		70 - 130	05/01/13 16:08	05/03/13 09:46	1
4-Bromofluorobenzene (Surr)	104		70 - 130	05/01/13 16:08	05/03/13 09:46	1
Dibromofluoromethane (Surr)	106		70 - 130	05/01/13 16:08	05/03/13 09:46	1
Toluene-d8 (Surr)	94		70 - 130	05/01/13 16:08	05/03/13 09:46	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0884	0.0132	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
Acenaphthylene	ND		0.0884	0.0119	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
Anthracene	ND		0.0884	0.0119	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
Benzo[a]anthracene	ND		0.0884	0.0198	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
Benzo[a]pyrene	ND		0.0884	0.0158	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
Benzo[b]fluoranthene	ND		0.0884	0.0158	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
Benzo[g,h,i]perylene	ND		0.0884	0.0119	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
Benzo[k]fluoranthene	ND		0.0884	0.0185	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
1-Methylnaphthalene	ND		0.0884	0.0185	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
Pyrene	ND		0.0884	0.0158	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
Phenanthrene	ND		0.0884	0.0119	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
Chrysene	ND		0.0884	0.0119	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
Dibenz(a,h)anthracene	ND		0.0884	0.00924	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
Fluoranthene	ND		0.0884	0.0119	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
Fluorene	ND		0.0884	0.0158	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
Indeno[1,2,3-cd]pyrene	ND		0.0884	0.0132	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
Naphthalene	ND		0.0884	0.0119	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1
2-Methylnaphthalene	ND		0.0884	0.0211	mg/Kg	☐	05/02/13 06:40	05/02/13 23:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	59		29 - 120	05/02/13 06:40	05/02/13 23:41	1
Terphenyl-d14 (Surr)	81		13 - 120	05/02/13 06:40	05/02/13 23:41	1
Nitrobenzene-d5 (Surr)	62		27 - 120	05/02/13 06:40	05/02/13 23:41	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	75		0.10	0.10	%			05/01/13 14:20	1

TestAmerica Nashville

Client Sample Results

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Client Sample ID: 1335 Albatross

Date Collected: 04/24/13 14:00

Date Received: 05/01/13 08:00

Lab Sample ID: 490-25526-2

Matrix: Soil

Percent Solids: 88.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00236	0.000791	mg/Kg	☐	05/01/13 16:08	05/02/13 14:17	1
Ethylbenzene	ND		0.00236	0.000791	mg/Kg	☐	05/01/13 16:08	05/02/13 14:17	1
Naphthalene	ND		0.00591	0.00201	mg/Kg	☐	05/01/13 16:08	05/02/13 14:17	1
Toluene	ND		0.00236	0.000874	mg/Kg	☐	05/01/13 16:08	05/02/13 14:17	1
Xylenes, Total	ND		0.00591	0.000791	mg/Kg	☐	05/01/13 16:08	05/02/13 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 130	05/01/13 16:08	05/02/13 14:17	1
4-Bromofluorobenzene (Surr)	101		70 - 130	05/01/13 16:08	05/02/13 14:17	1
Dibromofluoromethane (Surr)	103		70 - 130	05/01/13 16:08	05/02/13 14:17	1
Toluene-d8 (Surr)	92		70 - 130	05/01/13 16:08	05/02/13 14:17	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0743	0.0111	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
Acenaphthylene	ND		0.0743	0.00998	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
Anthracene	ND		0.0743	0.00998	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
Benzo[a]anthracene	ND		0.0743	0.0166	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
Benzo[a]pyrene	ND		0.0743	0.0133	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
Benzo[b]fluoranthene	ND		0.0743	0.0133	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
Benzo[g,h,i]perylene	ND		0.0743	0.00998	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
Benzo[k]fluoranthene	ND		0.0743	0.0155	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
1-Methylnaphthalene	ND		0.0743	0.0155	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
Pyrene	ND		0.0743	0.0133	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
Phenanthrene	ND		0.0743	0.00998	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
Chrysene	ND		0.0743	0.00998	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
Dibenz[a,h]anthracene	ND		0.0743	0.00776	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
Fluoranthene	ND		0.0743	0.00998	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
Fluorene	ND		0.0743	0.0133	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
Indeno[1,2,3-cd]pyrene	ND		0.0743	0.0111	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
Naphthalene	ND		0.0743	0.00998	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1
2-Methylnaphthalene	ND		0.0743	0.0177	mg/Kg	☐	05/02/13 06:40	05/03/13 00:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	72		29 - 120	05/02/13 06:40	05/03/13 00:04	1
Terphenyl-d14 (Surr)	88		13 - 120	05/02/13 06:40	05/03/13 00:04	1
Nitrobenzene-d5 (Surr)	73		27 - 120	05/02/13 06:40	05/03/13 00:04	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	88		0.10	0.10	%			05/01/13 14:20	1

TestAmerica Nashville

Client Sample Results

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Client Sample ID: 1438 Dove-1

Date Collected: 04/22/13 12:15

Date Received: 05/01/13 08:00

Lab Sample ID: 490-25526-3

Matrix: Soil

Percent Solids: 81.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00219	0.000733	mg/Kg	☐	05/01/13 16:08	05/02/13 14:48	1
Ethylbenzene	ND		0.00219	0.000733	mg/Kg	☐	05/01/13 16:08	05/02/13 14:48	1
Naphthalene	0.00311	J	0.00547	0.00186	mg/Kg	☐	05/01/13 16:08	05/02/13 14:48	1
Toluene	ND		0.00219	0.000810	mg/Kg	☐	05/01/13 16:08	05/02/13 14:48	1
Xylenes, Total	0.00127	J	0.00547	0.000733	mg/Kg	☐	05/01/13 16:08	05/02/13 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		70 - 130	05/01/13 16:08	05/02/13 14:48	1
4-Bromofluorobenzene (Surr)	128		70 - 130	05/01/13 16:08	05/02/13 14:48	1
Dibromofluoromethane (Surr)	101		70 - 130	05/01/13 16:08	05/02/13 14:48	1
Toluene-d8 (Surr)	99		70 - 130	05/01/13 16:08	05/02/13 14:48	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0662	0.00988	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
Acenaphthylene	0.0805		0.0662	0.00890	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
Anthracene	ND		0.0662	0.00890	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
Benzo[a]anthracene	ND		0.0662	0.0148	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
Benzo[a]pyrene	ND		0.0662	0.0119	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
Benzo[b]fluoranthene	ND		0.0662	0.0119	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
Benzo[g,h,i]perylene	ND		0.0662	0.00890	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
Benzo[k]fluoranthene	ND		0.0662	0.0138	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
1-Methylnaphthalene	ND		0.0662	0.0138	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
Pyrene	ND		0.0662	0.0119	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
Phenanthrene	ND		0.0662	0.00890	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
Chrysene	ND		0.0662	0.00890	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
Dibenz(a,h)anthracene	ND		0.0662	0.00692	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
Fluoranthene	ND		0.0662	0.00890	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
Fluorene	ND		0.0662	0.0119	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
Indeno[1,2,3-cd]pyrene	ND		0.0662	0.00988	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
Naphthalene	ND		0.0662	0.00890	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1
2-Methylnaphthalene	ND		0.0662	0.0158	mg/Kg	☐	05/04/13 09:07	05/05/13 22:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	59		29 - 120	05/04/13 09:07	05/05/13 22:29	1
Terphenyl-d14 (Surr)	79		13 - 120	05/04/13 09:07	05/05/13 22:29	1
Nitrobenzene-d5 (Surr)	59		27 - 120	05/04/13 09:07	05/05/13 22:29	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	82		0.10	0.10	%			05/01/13 14:20	1

TestAmerica Nashville

Client Sample Results

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Client Sample ID: 1188 Bobwhite

Date Collected: 04/22/13 15:45

Date Received: 05/01/13 08:00

Lab Sample ID: 490-25526-4

Matrix: Soil

Percent Solids: 80.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00215	0.000720	mg/Kg	☐	05/01/13 16:08	05/02/13 15:19	1
Ethylbenzene	ND		0.00215	0.000720	mg/Kg	☐	05/01/13 16:08	05/02/13 15:19	1
Naphthalene	ND		0.00537	0.00183	mg/Kg	☐	05/01/13 16:08	05/02/13 15:19	1
Toluene	ND		0.00215	0.000795	mg/Kg	☐	05/01/13 16:08	05/02/13 15:19	1
Xylenes, Total	ND		0.00537	0.000720	mg/Kg	☐	05/01/13 16:08	05/02/13 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 130	05/01/13 16:08	05/02/13 15:19	1
4-Bromofluorobenzene (Surr)	105		70 - 130	05/01/13 16:08	05/02/13 15:19	1
Dibromofluoromethane (Surr)	102		70 - 130	05/01/13 16:08	05/02/13 15:19	1
Toluene-d8 (Surr)	95		70 - 130	05/01/13 16:08	05/02/13 15:19	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0817	0.0122	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
Acenaphthylene	ND		0.0817	0.0110	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
Anthracene	ND		0.0817	0.0110	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
Benzo[a]anthracene	ND		0.0817	0.0183	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
Benzo[a]pyrene	ND		0.0817	0.0146	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
Benzo[b]fluoranthene	ND		0.0817	0.0146	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
Benzo[g,h,i]perylene	ND		0.0817	0.0110	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
Benzo[k]fluoranthene	ND		0.0817	0.0171	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
1-Methylnaphthalene	ND		0.0817	0.0171	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
Pyrene	ND		0.0817	0.0146	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
Phenanthrene	ND		0.0817	0.0110	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
Chrysene	ND		0.0817	0.0110	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
Dibenz(a,h)anthracene	ND		0.0817	0.00854	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
Fluoranthene	ND		0.0817	0.0110	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
Fluorene	ND		0.0817	0.0146	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
Indeno[1,2,3-cd]pyrene	ND		0.0817	0.0122	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
Naphthalene	ND		0.0817	0.0110	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1
2-Methylnaphthalene	ND		0.0817	0.0195	mg/Kg	☐	05/02/13 06:40	05/03/13 00:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	71		29 - 120	05/02/13 06:40	05/03/13 00:51	1
Terphenyl-d14 (Surr)	86		13 - 120	05/02/13 06:40	05/03/13 00:51	1
Nitrobenzene-d5 (Surr)	72		27 - 120	05/02/13 06:40	05/03/13 00:51	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	81		0.10	0.10	%			05/01/13 14:20	1

TestAmerica Nashville

QC Sample Results

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: 490-25538-A-4-D MS

Matrix: Solid

Analysis Batch: 76457

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 76425

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.00187		0.0330	0.03198		mg/Kg		91	31 - 143
Ethylbenzene	ND		0.0330	0.02524		mg/Kg		77	23 - 161
Naphthalene	0.00169	J	0.0330	0.03311		mg/Kg		95	10 - 176
Toluene	ND		0.0330	0.02652		mg/Kg		80	30 - 155
Xylenes, Total	ND		0.0989	0.07636		mg/Kg		77	25 - 162

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
4-Bromofluorobenzene (Surr)	102		70 - 130
Dibromofluoromethane (Surr)	107		70 - 130
Toluene-d8 (Surr)	93		70 - 130

Lab Sample ID: 490-25538-A-4-E MSD

Matrix: Solid

Analysis Batch: 76457

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 76425

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.00187		0.0332	0.03142		mg/Kg		89	31 - 143	2	50
Ethylbenzene	ND		0.0332	0.02538		mg/Kg		76	23 - 161	1	50
Naphthalene	0.00169	J	0.0332	0.02692		mg/Kg		76	10 - 176	21	50
Toluene	ND		0.0332	0.02573		mg/Kg		77	30 - 155	3	50
Xylenes, Total	ND		0.0997	0.07276		mg/Kg		73	25 - 162	5	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene (Surr)	101		70 - 130
Dibromofluoromethane (Surr)	108		70 - 130
Toluene-d8 (Surr)	93		70 - 130

Lab Sample ID: MB 490-76457/6

Matrix: Solid

Analysis Batch: 76457

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.00200	0.000670	mg/Kg			05/02/13 07:43	1
Ethylbenzene	ND		0.00200	0.000670	mg/Kg			05/02/13 07:43	1
Naphthalene	ND		0.00500	0.00170	mg/Kg			05/02/13 07:43	1
Toluene	ND		0.00200	0.000740	mg/Kg			05/02/13 07:43	1
Xylenes, Total	ND		0.00500	0.000670	mg/Kg			05/02/13 07:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 130		05/02/13 07:43	1
4-Bromofluorobenzene (Surr)	102		70 - 130		05/02/13 07:43	1
Dibromofluoromethane (Surr)	106		70 - 130		05/02/13 07:43	1
Toluene-d8 (Surr)	96		70 - 130		05/02/13 07:43	1

TestAmerica Nashville

QC Sample Results

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-76457/3

Matrix: Solid

Analysis Batch: 76457

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec. Limits
	Added	Result	Qualifier				
Benzene	0.0500	0.04698		mg/Kg		94	75 - 127
Ethylbenzene	0.0500	0.04643		mg/Kg		93	80 - 134
Naphthalene	0.0500	0.06576		mg/Kg		132	69 - 150
Toluene	0.0500	0.04647		mg/Kg		93	80 - 132
Xylenes, Total	0.150	0.1381		mg/Kg		92	80 - 137

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	107		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCSD 490-76457/4

Matrix: Solid

Analysis Batch: 76457

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec. Limits	RPD	Limit
	Added	Result	Qualifier						
Benzene	0.0500	0.04851		mg/Kg		97	75 - 127	3	50
Ethylbenzene	0.0500	0.04655		mg/Kg		93	80 - 134	0	50
Naphthalene	0.0500	0.07080		mg/Kg		142	69 - 150	7	50
Toluene	0.0500	0.04622		mg/Kg		92	80 - 132	1	50
Xylenes, Total	0.150	0.1391		mg/Kg		93	80 - 137	1	50

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	107		70 - 130
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: MB 490-76738/6

Matrix: Solid

Analysis Batch: 76738

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	ND		0.00200	0.000670	mg/Kg			05/03/13 08:45	1
Ethylbenzene	ND		0.00200	0.000670	mg/Kg			05/03/13 08:45	1
Naphthalene	ND		0.00500	0.00170	mg/Kg			05/03/13 08:45	1
Toluene	ND		0.00200	0.000740	mg/Kg			05/03/13 08:45	1
Xylenes, Total	ND		0.00500	0.000670	mg/Kg			05/03/13 08:45	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	99		70 - 130		05/03/13 08:45	1
4-Bromofluorobenzene (Surr)	102		70 - 130		05/03/13 08:45	1
Dibromofluoromethane (Surr)	106		70 - 130		05/03/13 08:45	1
Toluene-d8 (Surr)	99		70 - 130		05/03/13 08:45	1

TestAmerica Nashville

QC Sample Results

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-76738/3

Matrix: Solid

Analysis Batch: 76738

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.04636		mg/Kg		93	75 - 127
Ethylbenzene	0.0500	0.04619		mg/Kg		92	80 - 134
Naphthalene	0.0500	0.06075		mg/Kg		121	69 - 150
Toluene	0.0500	0.04567		mg/Kg		91	80 - 132
Xylenes, Total	0.150	0.1369		mg/Kg		91	80 - 137

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
4-Bromofluorobenzene (Surr)	102		70 - 130
Dibromofluoromethane (Surr)	106		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCSD 490-76738/4

Matrix: Solid

Analysis Batch: 76738

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.04927		mg/Kg		99	75 - 127	6	50
Ethylbenzene	0.0500	0.04979		mg/Kg		100	80 - 134	8	50
Naphthalene	0.0500	0.06627		mg/Kg		133	69 - 150	9	50
Toluene	0.0500	0.04745		mg/Kg		95	80 - 132	4	50
Xylenes, Total	0.150	0.1515		mg/Kg		101	80 - 137	10	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
4-Bromofluorobenzene (Surr)	102		70 - 130
Dibromofluoromethane (Surr)	107		70 - 130
Toluene-d8 (Surr)	95		70 - 130

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-76464/1-A

Matrix: Solid

Analysis Batch: 76635

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 76464

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0670	0.0100	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
Acenaphthylene	ND		0.0670	0.00900	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
Anthracene	ND		0.0670	0.00900	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
Benzo[a]anthracene	ND		0.0670	0.0150	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
Benzo[a]pyrene	ND		0.0670	0.0120	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
Benzo[b]fluoranthene	ND		0.0670	0.0120	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
Benzo[g,h,i]perylene	ND		0.0670	0.00900	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
Benzo[k]fluoranthene	ND		0.0670	0.0140	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
1-Methylnaphthalene	ND		0.0670	0.0140	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
Pyrene	ND		0.0670	0.0120	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
Phenanthrene	ND		0.0670	0.00900	mg/Kg		05/02/13 06:40	05/02/13 17:49	1

TestAmerica Nashville

QC Sample Results

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-76464/1-A
Matrix: Solid
Analysis Batch: 76635

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 76464

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.0670	0.00900	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
Dibenz(a,h)anthracene	ND		0.0670	0.00700	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
Fluoranthene	ND		0.0670	0.00900	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
Fluorene	ND		0.0670	0.0120	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
Indeno[1,2,3-cd]pyrene	ND		0.0670	0.0100	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
Naphthalene	ND		0.0670	0.00900	mg/Kg		05/02/13 06:40	05/02/13 17:49	1
2-Methylnaphthalene	ND		0.0670	0.0160	mg/Kg		05/02/13 06:40	05/02/13 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	79		29 - 120	05/02/13 06:40	05/02/13 17:49	1
Terphenyl-d14 (Surr)	94		13 - 120	05/02/13 06:40	05/02/13 17:49	1
Nitrobenzene-d5 (Surr)	82		27 - 120	05/02/13 06:40	05/02/13 17:49	1

Lab Sample ID: LCS 490-76464/2-A
Matrix: Solid
Analysis Batch: 76635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 76464

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acenaphthylene	1.67	1.437		mg/Kg		86	38 - 120
Anthracene	1.67	1.454		mg/Kg		87	46 - 124
Benzo[a]anthracene	1.67	1.389		mg/Kg		83	45 - 120
Benzo[a]pyrene	1.67	1.416		mg/Kg		85	45 - 120
Benzo[b]fluoranthene	1.67	1.346		mg/Kg		81	42 - 120
Benzo[g,h,i]perylene	1.67	1.323		mg/Kg		79	38 - 120
Benzo[k]fluoranthene	1.67	1.334		mg/Kg		80	42 - 120
1-Methylnaphthalene	1.67	1.130		mg/Kg		68	32 - 120
Pyrene	1.67	1.418		mg/Kg		85	43 - 120
Phenanthrene	1.67	1.307		mg/Kg		78	45 - 120
Chrysene	1.67	1.303		mg/Kg		78	43 - 120
Dibenz(a,h)anthracene	1.67	1.343		mg/Kg		81	32 - 128
Fluoranthene	1.67	1.377		mg/Kg		83	46 - 120
Fluorene	1.67	1.333		mg/Kg		80	42 - 120
Indeno[1,2,3-cd]pyrene	1.67	1.351		mg/Kg		81	41 - 121
Naphthalene	1.67	1.030		mg/Kg		62	32 - 120
2-Methylnaphthalene	1.67	1.119		mg/Kg		67	28 - 120

Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl (Surr)	71		29 - 120
Terphenyl-d14 (Surr)	84		13 - 120
Nitrobenzene-d5 (Surr)	70		27 - 120

Lab Sample ID: 490-25531-A-1-B MS
Matrix: Solid
Analysis Batch: 76635

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 76464

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Acenaphthylene	ND		1.66	1.388		mg/Kg		84	25 - 120
Anthracene	ND		1.66	1.406		mg/Kg		85	28 - 125

TestAmerica Nashville

QC Sample Results

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-25531-A-1-B MS

Matrix: Solid

Analysis Batch: 76635

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 76464

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Benzo[a]anthracene	ND		1.66	1.350		mg/Kg		81	23 - 120
Benzo[a]pyrene	ND		1.66	1.369		mg/Kg		82	15 - 128
Benzo[b]fluoranthene	ND		1.66	1.287		mg/Kg		78	12 - 133
Benzo[g,h,i]perylene	ND		1.66	1.221		mg/Kg		74	22 - 120
Benzo[k]fluoranthene	ND		1.66	1.242		mg/Kg		75	28 - 120
1-Methylnaphthalene	0.135		1.66	1.123		mg/Kg		59	10 - 120
Pyrene	ND		1.66	1.447		mg/Kg		87	20 - 123
Phenanthrene	ND		1.66	1.260		mg/Kg		76	21 - 122
Chrysene	ND		1.66	1.286		mg/Kg		77	20 - 120
Dibenz[a,h]anthracene	ND		1.66	1.239		mg/Kg		75	12 - 128
Fluoranthene	ND		1.66	1.290		mg/Kg		78	10 - 143
Fluorene	ND		1.66	1.287		mg/Kg		78	20 - 120
Indeno[1,2,3-cd]pyrene	ND		1.66	1.217		mg/Kg		73	22 - 121
Naphthalene	0.193		1.66	1.102		mg/Kg		55	10 - 120
2-Methylnaphthalene	0.161		1.66	1.123		mg/Kg		58	13 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl (Surr)	71		29 - 120
Terphenyl-d14 (Surr)	85		13 - 120
Nitrobenzene-d5 (Surr)	76		27 - 120

Lab Sample ID: 490-25531-A-1-C MSD

Matrix: Solid

Analysis Batch: 76635

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 76464

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Acenaphthylene	ND		1.62	1.319		mg/Kg		81	25 - 120	5	50
Anthracene	ND		1.62	1.372		mg/Kg		85	28 - 125	2	49
Benzo[a]anthracene	ND		1.62	1.351		mg/Kg		83	23 - 120	0	50
Benzo[a]pyrene	ND		1.62	1.340		mg/Kg		83	15 - 128	2	50
Benzo[b]fluoranthene	ND		1.62	1.235		mg/Kg		76	12 - 133	4	50
Benzo[g,h,i]perylene	ND		1.62	1.195		mg/Kg		74	22 - 120	2	50
Benzo[k]fluoranthene	ND		1.62	1.241		mg/Kg		77	28 - 120	0	45
1-Methylnaphthalene	0.135		1.62	1.125		mg/Kg		61	10 - 120	0	50
Pyrene	ND		1.62	1.437		mg/Kg		89	20 - 123	1	50
Phenanthrene	ND		1.62	1.218		mg/Kg		75	21 - 122	3	50
Chrysene	ND		1.62	1.257		mg/Kg		78	20 - 120	2	49
Dibenz[a,h]anthracene	ND		1.62	1.193		mg/Kg		74	12 - 128	4	50
Fluoranthene	ND		1.62	1.246		mg/Kg		77	10 - 143	3	50
Fluorene	ND		1.62	1.233		mg/Kg		76	20 - 120	4	50
Indeno[1,2,3-cd]pyrene	ND		1.62	1.189		mg/Kg		73	22 - 121	2	50
Naphthalene	0.193		1.62	1.106		mg/Kg		56	10 - 120	0	50
2-Methylnaphthalene	0.161		1.62	1.126		mg/Kg		60	13 - 120	0	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	69		29 - 120
Terphenyl-d14 (Surr)	86		13 - 120

TestAmerica Nashville

QC Sample Results

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-25531-A-1-C MSD

Matrix: Solid

Analysis Batch: 76635

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 76464

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	70		27 - 120

Lab Sample ID: MB 490-76995/1-A

Matrix: Solid

Analysis Batch: 77106

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 76995

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0670	0.0100	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
Acenaphthylene	ND		0.0670	0.00900	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
Anthracene	ND		0.0670	0.00900	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
Benzo[a]anthracene	ND		0.0670	0.0150	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
Benzo[a]pyrene	ND		0.0670	0.0120	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
Benzo[b]fluoranthene	ND		0.0670	0.0120	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
Benzo[g,h,i]perylene	ND		0.0670	0.00900	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
Benzo[k]fluoranthene	ND		0.0670	0.0140	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
1-Methylnaphthalene	ND		0.0670	0.0140	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
Pyrene	ND		0.0670	0.0120	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
Phenanthrene	ND		0.0670	0.00900	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
Chrysene	ND		0.0670	0.00900	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
Dibenz(a,h)anthracene	ND		0.0670	0.00700	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
Fluoranthene	ND		0.0670	0.00900	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
Fluorene	ND		0.0670	0.0120	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
Indeno[1,2,3-cd]pyrene	ND		0.0670	0.0100	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
Naphthalene	ND		0.0670	0.00900	mg/Kg		05/04/13 09:07	05/05/13 16:43	1
2-Methylnaphthalene	ND		0.0670	0.0160	mg/Kg		05/04/13 09:07	05/05/13 16:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	79		29 - 120	05/04/13 09:07	05/05/13 16:43	1
Terphenyl-d14 (Surr)	85		13 - 120	05/04/13 09:07	05/05/13 16:43	1
Nitrobenzene-d5 (Surr)	77		27 - 120	05/04/13 09:07	05/05/13 16:43	1

Lab Sample ID: LCS 490-76995/2-A

Matrix: Solid

Analysis Batch: 77106

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 76995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthylene	1.67	1.442		mg/Kg		87	38 - 120
Anthracene	1.67	1.496		mg/Kg		90	46 - 124
Benzo[a]anthracene	1.67	1.418		mg/Kg		85	45 - 120
Benzo[a]pyrene	1.67	1.419		mg/Kg		85	45 - 120
Benzo[b]fluoranthene	1.67	1.377		mg/Kg		83	42 - 120
Benzo[g,h,i]perylene	1.67	1.261		mg/Kg		76	38 - 120
Benzo[k]fluoranthene	1.67	1.325		mg/Kg		80	42 - 120
1-Methylnaphthalene	1.67	1.170		mg/Kg		70	32 - 120
Pyrene	1.67	1.410		mg/Kg		85	43 - 120
Phenanthrene	1.67	1.299		mg/Kg		78	45 - 120
Chrysene	1.67	1.300		mg/Kg		78	43 - 120
Dibenz(a,h)anthracene	1.67	1.295		mg/Kg		78	32 - 128

TestAmerica Nashville

QC Sample Results

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-76995/2-A

Matrix: Solid

Analysis Batch: 77106

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 76995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoranthene	1.67	1.394		mg/Kg		84	46 - 120
Fluorene	1.67	1.340		mg/Kg		80	42 - 120
Indeno[1,2,3-cd]pyrene	1.67	1.299		mg/Kg		78	41 - 121
Naphthalene	1.67	1.075		mg/Kg		64	32 - 120
2-Methylnaphthalene	1.67	1.160		mg/Kg		70	28 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	70		29 - 120
Terphenyl-d14 (Surr)	83		13 - 120
Nitrobenzene-d5 (Surr)	73		27 - 120

Lab Sample ID: LCSD 490-76995/3-A

Matrix: Solid

Analysis Batch: 77106

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 76995

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthylene	1.67	1.424		mg/Kg		85	38 - 120	1	50
Anthracene	1.67	1.482		mg/Kg		89	46 - 124	1	49
Benzo[a]anthracene	1.67	1.407		mg/Kg		84	45 - 120	1	50
Benzo[a]pyrene	1.67	1.414		mg/Kg		85	45 - 120	0	50
Benzo[b]fluoranthene	1.67	1.319		mg/Kg		79	42 - 120	4	50
Benzo[g,h,i]perylene	1.67	1.276		mg/Kg		77	38 - 120	1	50
Benzo[k]fluoranthene	1.67	1.348		mg/Kg		81	42 - 120	2	45
1-Methylnaphthalene	1.67	1.147		mg/Kg		69	32 - 120	2	50
Pyrene	1.67	1.391		mg/Kg		83	43 - 120	1	50
Phenanthrene	1.67	1.319		mg/Kg		79	45 - 120	2	50
Chrysene	1.67	1.301		mg/Kg		78	43 - 120	0	49
Dibenz[a,h]anthracene	1.67	1.316		mg/Kg		79	32 - 128	2	50
Fluoranthene	1.67	1.413		mg/Kg		85	46 - 120	1	50
Fluorene	1.67	1.340		mg/Kg		80	42 - 120	0	50
Indeno[1,2,3-cd]pyrene	1.67	1.311		mg/Kg		79	41 - 121	1	50
Naphthalene	1.67	1.057		mg/Kg		63	32 - 120	2	50
2-Methylnaphthalene	1.67	1.159		mg/Kg		70	28 - 120	0	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	70		29 - 120
Terphenyl-d14 (Surr)	81		13 - 120
Nitrobenzene-d5 (Surr)	69		27 - 120

Method: Moisture - Percent Moisture

Lab Sample ID: 490-25521-D-1 DU

Matrix: Solid

Analysis Batch: 76389

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	86		92		%			

TestAmerica Nashville

QC Association Summary

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

GC/MS VOA

Prep Batch: 76425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-25538-A-4-D MS	Matrix Spike	Total/NA	Solid	5035	
490-25538-A-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 76434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-25526-1	1458 Cardinal	Total/NA	Soil	5035	
490-25526-2	1335 Albatross	Total/NA	Soil	5035	
490-25526-3	1438 Dove-1	Total/NA	Soil	5035	
490-25526-4	1188 Bobwhite	Total/NA	Soil	5035	

Analysis Batch: 76457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-25526-2	1335 Albatross	Total/NA	Soil	8260B	76434
490-25526-3	1438 Dove-1	Total/NA	Soil	8260B	76434
490-25526-4	1188 Bobwhite	Total/NA	Soil	8260B	76434
490-25538-A-4-D MS	Matrix Spike	Total/NA	Solid	8260B	76425
490-25538-A-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	76425
LCS 490-76457/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-76457/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-76457/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 76738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-25526-1	1458 Cardinal	Total/NA	Soil	8260B	76434
LCS 490-76738/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-76738/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-76738/6	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 76464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-25526-1	1458 Cardinal	Total/NA	Soil	3550C	
490-25526-2	1335 Albatross	Total/NA	Soil	3550C	
490-25526-4	1188 Bobwhite	Total/NA	Soil	3550C	
490-25531-A-1-B MS	Matrix Spike	Total/NA	Solid	3550C	
490-25531-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	
LCS 490-76464/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 490-76464/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 76635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-25526-1	1458 Cardinal	Total/NA	Soil	8270D	76464
490-25526-2	1335 Albatross	Total/NA	Soil	8270D	76464
490-25526-4	1188 Bobwhite	Total/NA	Soil	8270D	76464
490-25531-A-1-B MS	Matrix Spike	Total/NA	Solid	8270D	76464
490-25531-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8270D	76464
LCS 490-76464/2-A	Lab Control Sample	Total/NA	Solid	8270D	76464
MB 490-76464/1-A	Method Blank	Total/NA	Solid	8270D	76464

TestAmerica Nashville

QC Association Summary

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

GC/MS Semi VOA (Continued)

Prep Batch: 76995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-25526-3	1438 Dove-1	Total/NA	Soil	3550C	
LCS 490-76995/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 490-76995/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
MB 490-76995/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 77106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-25526-3	1438 Dove-1	Total/NA	Soil	8270D	76995
LCS 490-76995/2-A	Lab Control Sample	Total/NA	Solid	8270D	76995
LCSD 490-76995/3-A	Lab Control Sample Dup	Total/NA	Solid	8270D	76995
MB 490-76995/1-A	Method Blank	Total/NA	Solid	8270D	76995

General Chemistry

Analysis Batch: 76389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-25521-D-1 DU	Duplicate	Total/NA	Solid	Moisture	
490-25526-1	1458 Cardinal	Total/NA	Soil	Moisture	
490-25526-2	1335 Albatross	Total/NA	Soil	Moisture	
490-25526-3	1438 Dove-1	Total/NA	Soil	Moisture	
490-25526-4	1188 Bobwhite	Total/NA	Soil	Moisture	

Lab Chronicle

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Client Sample ID: 1458 Cardinal

Date Collected: 04/23/13 15:30

Date Received: 05/01/13 08:00

Lab Sample ID: 490-25526-1

Matrix: Soil

Percent Solids: 74.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			76434	05/01/13 16:08	ML	TAL NSH
Total/NA	Analysis	8260B		1	76738	05/03/13 09:46	AF	TAL NSH
Total/NA	Prep	3550C			76464	05/02/13 06:40	JP	TAL NSH
Total/NA	Analysis	8270D		1	76635	05/02/13 23:41	KP	TAL NSH
Total/NA	Analysis	Moisture		1	76389	05/01/13 14:20	RS	TAL NSH

Client Sample ID: 1335 Albatross

Date Collected: 04/24/13 14:00

Date Received: 05/01/13 08:00

Lab Sample ID: 490-25526-2

Matrix: Soil

Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			76434	05/01/13 16:08	ML	TAL NSH
Total/NA	Analysis	8260B		1	76457	05/02/13 14:17	AF	TAL NSH
Total/NA	Prep	3550C			76464	05/02/13 06:40	JP	TAL NSH
Total/NA	Analysis	8270D		1	76635	05/03/13 00:04	KP	TAL NSH
Total/NA	Analysis	Moisture		1	76389	05/01/13 14:20	RS	TAL NSH

Client Sample ID: 1438 Dove-1

Date Collected: 04/22/13 12:15

Date Received: 05/01/13 08:00

Lab Sample ID: 490-25526-3

Matrix: Soil

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			76434	05/01/13 16:08	ML	TAL NSH
Total/NA	Analysis	8260B		1	76457	05/02/13 14:48	AF	TAL NSH
Total/NA	Prep	3550C			76995	05/04/13 09:07	JP	TAL NSH
Total/NA	Analysis	8270D		1	77106	05/05/13 22:29	JS	TAL NSH
Total/NA	Analysis	Moisture		1	76389	05/01/13 14:20	RS	TAL NSH

Client Sample ID: 1188 Bobwhite

Date Collected: 04/22/13 15:45

Date Received: 05/01/13 08:00

Lab Sample ID: 490-25526-4

Matrix: Soil

Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			76434	05/01/13 16:08	ML	TAL NSH
Total/NA	Analysis	8260B		1	76457	05/02/13 15:19	AF	TAL NSH
Total/NA	Prep	3550C			76464	05/02/13 06:40	JP	TAL NSH
Total/NA	Analysis	8270D		1	76635	05/03/13 00:51	KP	TAL NSH
Total/NA	Analysis	Moisture		1	76389	05/01/13 14:20	RS	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

TestAmerica Nashville

Method Summary

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL NSH
Moisture	Percent Moisture	EPA	TAL NSH

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Environmental Enterprise Group
Project/Site: Laurel Bay Housing Project

TestAmerica Job ID: 490-25526-1

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	ACIL		393	10-30-13
A2LA	ISO/IEC 17025		0453.07	12-31-13
Alabama	State Program	4	41150	05-31-13
Alaska (UST)	State Program	10	UST-087	07-24-13
Arizona	State Program	9	AZ0473	05-05-14 *
Arkansas DEQ	State Program	6	88-0737	04-25-13 *
California	NELAP	9	1168CA	10-31-13
Connecticut	State Program	1	PH-0220	12-31-13
Florida	NELAP	4	E87358	06-30-13
Illinois	NELAP	5	200010	12-09-13
Iowa	State Program	7	131	05-01-14
Kansas	NELAP	7	E-10229	10-31-13
Kentucky (UST)	State Program	4	19	09-15-13
Louisiana	NELAP	6	30613	06-30-13
Maryland	State Program	3	316	03-31-14
Massachusetts	State Program	1	M-TN032	06-30-13
Minnesota	NELAP	5	047-999-345	12-31-13
Mississippi	State Program	4	N/A	06-30-13
Montana (UST)	State Program	8	NA	01-01-15
Nevada	State Program	9	TN00032	07-31-13
New Hampshire	NELAP	1	2963	10-10-13
New Jersey	NELAP	2	TN965	06-30-13
New York	NELAP	2	11342	04-01-14
North Carolina DENR	State Program	4	387	12-31-13
North Dakota	State Program	8	R-146	06-30-13
Ohio VAP	State Program	5	CL0033	01-19-14
Oregon	NELAP	10	TN200001	04-29-14
Pennsylvania	NELAP	3	68-00585	06-30-13
Rhode Island	State Program	1	LAO00268	12-30-13
South Carolina	State Program	4	84009 (001)	05-31-14 *
South Carolina	State Program	4	84009 (002)	02-23-14
Tennessee	State Program	4	2008	02-23-14
Texas	NELAP	6	T104704077-09-TX	08-31-13
USDA	Federal		S-48469	11-02-13
Utah	NELAP	8	TAN	06-30-13
Virginia	NELAP	3	460152	06-14-13
Washington	State Program	10	C789	07-19-13
West Virginia DEP	State Program	3	219	02-28-14
Wisconsin	State Program	5	998020430	08-31-13
Wyoming (UST)	A2LA	8	453.07	12-31-13

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Nashville

COOLER RECEIPT FORM

Charleston



490-25526 Chain of Custody

Cooler Received/Opened On 5/1/13 @ 0800

1. Tracking # 8196 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 1.6 Degrees Celsius

3. If item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES NO...NA

If yes, how many and where: one front & Back

5. Were the seals intact, signed, and dated correctly? YES NO...NA

6. Were custody papers inside cooler? YES NO...NA

I certify that I opened the cooler and answered questions 1-6 (Initial) DA

7. Were custody seals on containers: YES NO and intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry Ice Other None

10. Did all containers arrive in good condition (unbroken)? YES NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES NO...NA

12. Did all container labels and tags agree with custody papers? YES NO...NA

13a. Were VOA vials received? YES NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (Initial) DA

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (Initial) DA

17. Were custody papers properly filled out (ink, signed, etc)? YES NO...NA

18. Did you sign the custody papers in the appropriate place? YES NO...NA

19. Were correct containers used for the analysis requested? YES NO...NA

20. Was sufficient amount of sample sent in each container? YES NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (Initial) DA

I certify that I attached a label with the unique LIMS number to each container (Initial) DA

21. Were there Non-Conformance Issues at login? YES...NO Was a NCM generated? YES...NO..# 1

estAmerica

Nashville Division
2980 Foster Creighton
Nashville, TN 37204

Phone: 615-728-0177
Toll Free: 800-755-0980
Fax: 615-728-3404

Client Name/Account #: EEG - SBG # 2449

Address: 10179 Highway 78

City/State/Zip: Ladson, SC 29456

Project Manager: Tom McElwee email: mcelwee@eeqinc.net

Telephone Number: 843.412.2097

Sample Name: (Print)

Sampler Signature:

Fax No.: 843-879-0401

Site State: SC

PO#: 1035

TA Quote #:

Project ID: Laurel Bay Housing Project

Project #:

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring?

Enforcement Action?

Yes ___ No ___
Yes ___ No ___

Loc: 490
25526

5/13/2013

File ID/Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Ice	HNO ₃ (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H ₂ SO ₄ Plastic (Yellow Label)	H ₂ SO ₄ Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	BTEX + Naph - 8260	PAH - 8270D	Analyze For:	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
1758 Cardinal	4/23/13	1530	5	X																	X	X					
1335 Abatement	4/24/13	1400	5	X																	X	X					

Special Instructions:

Method of Shipment:

FEDEX

Laboratory Comments:

Temperature Upon Receipt: 1.6c
VOCs Free of Headspaces?

Y ___ N ___

Shipped by: [Signature]

Date: 4/30/13

Time: 0900

Received by: FedEx

Date: 5-1-13

Time: 0800

EastAmerica Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-785-0860
Fax: 615-726-3404

Client Name/Account #: EEG - SBG # 2449

Address: 10179 Highway 78

City/State/Zip: Ladson, SC 29456

Project Manager: Tom McElwee email: mcelwee@eastamc.com

Telephone Number: 843.412.8087

Fax No.: 843-879-0401

Sample Name: (Print)

Sampler Signature:

Tom McElwee

Site State: SC

PO#: 1035

TA Quote #:

Project ID: Laurel Bay Housing Project

Project #:

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?

Compliance Monitoring?
Enforcement Action?

Yes ___ No ___
Yes ___ No ___

Loc: A90
25526

5/13/2013

File ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Ice	HNO ₃ (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H ₂ SO ₄ Plastic (Yellow Label)	H ₂ SO ₄ Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	BTEX + Naph - 8260	PAH - 8270D	Aerizer For:	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
1438 Dove-1	4/22/13	12:55	5	X																	X	X					
1188 Bobwhite	4/22/13	15:45	5	X																	X	X					

Method of Shipment: *FEDEX*

Received by: *Tom McElwee*

Date: *4/30/13* Time: *0900*

Date: *6-1-13* Time: *0800*

Laboratory Comments: *Temperature Upon Receipt 1.6c*

VOCs Free of Headspace? *Y*

Login Sample Receipt Checklist

Client: Environmental Enterprise Group

Job Number: 490-25526-1

Login Number: 25526

List Source: TestAmerica Nashville

List Number: 1

Creator: McBride, Mike

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1		716333			
3. Generator's Mailing Address: MCAS BEAUFORT LAUREL BAY HOUSING BEAUFORT, SC 29904				Generator's Site Address (if different than mailing):		A. Manifest Number WMNA		01519139			
4. Generator's Phone 843-879-0411						B. State Generator's ID					
5. Transporter 1 Company Name P.O. Box 1925 Afton, SC 29901				6. US EPA ID Number		C. State Transporter's ID					
7. Transporter 2 Company Name				8. US EPA ID Number		D. Transporter's Phone (3) 2 2 00					
9. Designated Facility Name and Site Address HICKORY HILL LANDFILL 2621 LOW COUNTRY DRIVE RIDGELAND, SC 29936				10. US EPA ID Number		E. State Transporter's ID					
						F. Transporter's Phone					
						G. State Facility ID					
						H. State Facility Phone 843-987-4643					
GENERATOR	11. Description of Waste Materials			12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments			
	a. HEATING OIL TANK FILLED WITH SAND			No.	Type						
	WM Profile # 102655SC			1	20	8.60	TON	71	3		
	b.										
	WM Profile #										
TRANSPORTER	c.										
	WM Profile #										
	d.										
	WM Profile #										
FACILITY	J. Additional Descriptions for Materials Listed Above			K. Disposal Location							
				Cell				Level			
				Grid							
15. Special Handling Instructions and Additional Information UST's from: 2) 1285 DOVE ✓ 4) 1245 DOVE ✓ 6) 1438 DOVE ✓ 2) 266 DOVE 3) 1424 Alkatross 5) 1445 DOVE ✓ 7) 1208 Cardinal											
Purchase Order # EMERGENCY CONTACT / PHONE NO.:											
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.											
Printed Name Timothy Whitley				Signature "On behalf of" [Signature]				Month 8	Day 14	Year 13	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials										
	Printed Name [Signature]				Signature [Signature]				Month 8	Day 14	Year 13
	18. Transporter 2 Acknowledgement of Receipt of Materials										
FACILITY	Printed Name				Signature				Month	Day	Year
	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.										
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.										
Printed Name Toni Cofield				Signature [Signature]				Month 9	Day 3	Year 13	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY

Appendix C
Laboratory Analytical Report - Groundwater

Volatile Organic Compounds by GC/MS

Client: AECOM - Resolution Consultants				Laboratory ID: QF17014-003			
Description: BEALB1438TW01WG20150616				Matrix: Aqueous			
Date Sampled: 06/16/2015 1130							
Date Received: 06/17/2015							

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	5030B	8260B	1	06/26/2015 1641	ALL		78249

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	LOD	DL	Units	Run
Benzene	71-43-2	8260B	0.45	U	5.0	0.45	0.21	ug/L	2
Ethylbenzene	100-41-4	8260B	7.2		5.0	0.51	0.21	ug/L	2
Naphthalene	91-20-3	8260B	24		5.0	0.96	0.14	ug/L	2
Toluene	108-88-3	8260B	0.75	J	5.0	0.48	0.24	ug/L	2
Xylenes (total)	1330-20-7	8260B	25		5.0	0.57	0.19	ug/L	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
Bromofluorobenzene		101	75-120
1,2-Dichloroethane-d4		103	70-120
Toluene-d8		102	85-120
Dibromofluoromethane		105	85-115

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time Q = Surrogate failure
 ND = Not detected at or above the MDL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria L = LCS/LCSD failure
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" S = MS/MSD failure

Shealy Environmental Services, Inc.
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Semivolatile Organic Compounds by GC/MS (SIM)

Client: AECOM - Resolution Consultants	Laboratory ID: QF17014-003
Description: BEALB1438TW01WG20150616	Matrix: Aqueous
Date Sampled: 06/16/2015 1130	
Date Received: 06/17/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3520C	8270D (SIM)	1	06/22/2015 1128	RBH	06/19/2015 1430	77693

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	LOD	DL	Units	Run
Benzo(a)anthracene	56-55-3	8270D (SIM)	0.041	J	0.20	0.040	0.019	ug/L	1
Benzo(b)fluoranthene	205-99-2	8270D (SIM)	0.049	J	0.20	0.040	0.019	ug/L	1
Benzo(k)fluoranthene	207-08-9	8270D (SIM)	0.040	U	0.20	0.040	0.024	ug/L	1
Chrysene	218-01-9	8270D (SIM)	0.039	J	0.20	0.040	0.021	ug/L	1
Dibenzo(a,h)anthracene	53-70-3	8270D (SIM)	0.080	U	0.20	0.080	0.040	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Methylnaphthalene-d10		97	15-139
Fluoranthene-d10		58	23-154

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time Q = Surrogate failure
 ND = Not detected at or above the MDL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria L = LCS/LCSD failure
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" S = MS/MSD failure

Shealy Environmental Services, Inc.
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Appendix D
Laboratory Analytical Report - Vapor

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: AECOM

Client Sample ID: BEALB 1438 SG01 GS20150729

Client Project ID: WE56-Laurel Bay Military Housing Area, MCAS Beaufort / 60342031.FI.WI

ALS Project ID: P1503199

ALS Sample ID: P1503199-003

Test Code: EPA TO-15

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Analyst: Simon Cao

Sampling Media: 6.0 L Summa Canister

Test Notes:

Container ID: SC01075

Date Collected: 7/29/15

Date Received: 8/5/15

Date Analyzed: 8/11/15

Volume(s) Analyzed: 0.020 Liter(s)

Initial Pressure (psig): -1.70 Final Pressure (psig): 3.59

Canister Dilution Factor: 1.41

CAS #	Compound	Result µg/m ³	LOQ µg/m ³	LOD µg/m ³	MDL µg/m ³	Data Qualifier
71-43-2	Benzene	32	35	32	11	U
108-88-3	Toluene	31	35	31	12	U
100-41-4	Ethylbenzene	31	35	31	11	U
179601-23-1	m,p-Xylenes	32	71	61	21	J
95-47-6	o-Xylene	14	35	30	11	J
91-20-3	Naphthalene	31	35	31	13	U

U = Undetected at the limit of detection: The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.

LOQ = Limit of Quantitation - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the LOQ but greater than or equal to the MDL.

Appendix E

Regulatory Correspondence

D H E C

PROMOTE PROTECT PROSPER

Catherine B. Templeton, Director

May 15, 2014

Commanding Officer
Attention: NREAO Mr. William A. Drawdy
United State Marine Corps Air Station
Post Office Box 55001
Beaufort, SC 29904-5001

RE: IGWA
Laurel Bay Underground Storage Tank Assessment Reports for:
See attached sheet

Dear Mr. Drawdy,

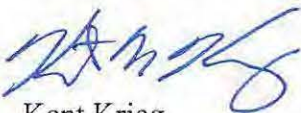
The South Carolina Department of Health and Environmental Control (the Department) received the above referenced Underground Storage Tank Assessment Reports for the addresses listed above. The regulatory authority for the investigation and cleanup of releases from these tank systems is the South Carolina Pollution Control Act (S.C. Code Ann. §48-1-10 et seq., as amended).

The Department has reviewed the referenced assessment reports. The submitted analytical results indicate that petroleum constituents are above established Risk-Based Screening Levels and additional investigation is warranted. Specifically, the Department requests that a groundwater sampling proposal be generated to determine if there has been an impact to groundwater at this site.

Please note that the Department's decision is based on information provided by the Marine Corps Air Station (MCAS) to date. Any information found to be contradictory to this decision may require additional action. Furthermore, the Department retains the right to request further investigation if deemed necessary.

If you have any questions, please contact me at kriegkm@dhec.sc.gov or 803-898-0255.

Sincerely,



Kent Krieg
Department of Defense Corrective Action Section
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control

Cc: Russell Berry (via email)
Craig Ehde (via email)

D H E C

PROMOTE PROTECT PROSPER

Catherine B. Templeton, Director

Attachment to: Krieg to Drawdy
Subject: IGWA
Dated 5/15/2014

Laurel Bay Underground Storage Tank Assessment Reports for: (121 addresses/139 tanks)

137 Laurel Bay Tank 2	387 Acorn
139 Laurel Bay	392 Acorn Tank 2
229 Cypress Tank 2	396 Acorn Tank 1
261 Beech Tank 1	396 Acorn Tank 2
261 Beech Tank 3	430 Elderberry
273 Birch Tank 1	433 Elderberry
273 Birch Tank 2	439 Elderberry
273 Birch Tank 3	440 Elderberry
276 Birch Tank 2	442 Elderberry
278 Birch Tank 2	443 Elderberry
291 Birch Tank 2	444 Elderberry Tank 1
300 Ash	445 Elderberry
304 Ash	446 Elderberry
314 Ash Tank 1	448 Elderberry
314 Ash Tank 2	449 Elderberry
322 Ash Tank 2	451 Elderberry
323 Ash	453 Elderberry
324 Ash	456 Elderberry Tank 1
325 Ash Tank 1	456 Elderberry Tank 2
325 Ash Tank 2	458 Elderberry Tank 1
326 Ash	458 Elderberry Tank 3
336 Ash	464 Dogwood
339 Ash	466 Dogwood
343 Ash Tank 1	467 Dogwood
344 Ash Tank 1	468 Dogwood
348 Ash	469 Dogwood
349 Ash Tank 1	471 Dogwood Tank 2
353 Ash Tank 1	471 Dogwood Tank 3
362 Aspen	475 Dogwood Tank 1
376 Aspen	475 Dogwood Tank 2
380 Aspen	516 Laurel Bay Tank 1 (UST#03747)
383 Aspen Tank 2	518 Laurel Bay

Laurel Bay Underground Storage Tank Assessment Reports for: (121 addresses/139 tanks) cont.

531 Laurel Bay	1219 Cardinal
532 Laurel Bay	1272 Albatross
635 Dahlia Tank 2	1305 Eagle
638 Dahlia	1353 Cardinal
640 Dahlia Tank 1	1356 Cardinal
640 Dahlia Tank 2	1357 Cardinal
645 Dahlia	1359 Cardinal
647 Dahlia	1360 Cardinal
648 Dahlia Tank 2	1361 Cardinal
650 Dahlia Tank 1	1368 Cardinal
650 Dahlia Tank 2	1370 Cardinal Tank 1
652 Dahlia Tank 1	1377 Dove
652 Dahlia Tank 2	1381 Dove
760 Althea	1382 Dove
763 Althea	1384 Dove
771 Althea	1385 Dove
927 Albacore	1389 Dove
1015 Foxglove	1391 Dove
1046 Gardenia	1392 Dove
1062 Gardenia Tank 2	1393 Dove Tank 1
1070 Heather	1393 Dove Tank 2
1072 Heather	1406 Eagle
1102 Iris Tank 1	1407 Eagle Tank 1
1107 Iris	1411 Eagle Tank 1
1126 Iris	1411 Eagle Tank 2
1129 Iris	1412 Eagle
1132 Iris	1413 Albatross
1133 Iris Tank 1	1414 Albatross
1138 Iris	1422 Albatross
1144 Iris Tank 1	1425 Albatross
1144 Iris Tank 2	1426 Albatross
1148 Iris Tank 1	1432 Dove
1148 Iris Tank 2	1434 Dove
1161 Jasmine	1436 Dove
1167 Jasmine	1438 Dove Tank 1
1170 Jasmine	1440 Dove
1190 Bobwhite	1442 Dove Tank 1
1192 Bobwhite	



Catherine E. Heigel, Director

Promoting and protecting the health of the public and the environment

Division of Waste Management
Bureau of Land and Waste Management

February 22, 2016

Commanding Officer
Attention: NREAO Mr. William A. Drawdy
United State Marine Corps Air Station
Post Office Box 55001
Beaufort, SC 29904-5001

RE: Approval and Concurrence with Draft Final Initial Groundwater Investigation Report-May and June 2015
Laurel Bay Military Housing Area Multiple Properties
Dated October 2015

Dear Mr. Drawdy,

The South Carolina Department of Health and Environmental Control (the Department) received groundwater data in the above referenced Groundwater Investigation Report for the addresses attached. The regulatory authority for the investigation and cleanup of releases from these tank systems is the South Carolina Pollution Control Act (S.C. Code Ann. §48-1-10 et seq., as amended).

Per the Department's request, groundwater samples were collected from the attached referenced addresses. The Department reviewed the groundwater data and previous investigations and it agrees with the conclusions and recommendations included in the document. To further assess the impact to groundwater, permanent wells should be installed at the 52 stated addresses. For the remaining 91 addresses, there is no indication of contamination on the property and therefore no further investigation is required at this time.

Please note that the Department's decision is based on information provided by the Marine Corps Air Station (MCAS) to date. Any information found to be contradictory to this decision may require additional action. Furthermore, the Department retains the right to request further investigation if deemed necessary.

If you have any questions, please contact me at petruslb@dhec.sc.gov or 803-898-0294.

Sincerely,

Laurel Petrus
RCRA Federal Facilities Section

Attachment: Specific Property Recommendations

Cc: Russell Berry, EQC Region 8 (via email)
Shawn Dolan, Resolution Consultants (via email)
Bryan Beck, NAVFAC MIDATLANTIC (via email)
Craig Ehde (via email)

Attachment to: Petrus to Drawdy
 Subject: Draft Final Initial Groundwater Investigation Report-May and June 2015
 Specific Property Recommendations
 Dated February 22, 2016

Draft Final Initial Groundwater Investigation Report for (143 addresses)

Permanent Monitoring Well Investigation recommendation (52 addresses)

273 Birch Drive	1192 Bobwhite Drive
325 Ash Street	1194 Bobwhite Drive
326 Ash Street	1272 Albatross Drive
336 Ash Street	1352 Cardinal Lane
343 Ash Street	1356 Cardinal Lane
353 Ash Street	1359 Cardinal Lane
430 Elderberry Drive	1360 Cardinal Lane
440 Elderberry Drive	1362 Cardinal Lane
456 Elderberry Drive	1370 Cardinal Lane
458 Elderberry Drive	1382 Dove Lane
468 Dogwood Drive	1384 Dove lane
518 Laurel Bay Blvd	1385 Dove Lane
635 Dahlia Drive	1389 Dove Lane
638 Dahlia Drive	1392 Dove Lane
640 Dahlia Drive	1393 Dove Lane
647 Dahlia Drive	1407 Eagle Lane
648 Dahlia Drive	1411 Eagle Lane
650 Dahlia Drive	1418 Albatross Drive
652 Dahlia Drive	1420 Albatross Drive
760 Althea Street	1426 Albatross Drive
1102 Iris Lane	1429 Albatross Drive
1132 Iris Lane	1434 Dove Lane
1133 Iris Lane	1436 Dove Lane
1144 Iris Lane	1440 Dove Lane
1148 Iris Lane	1442 Dove Lane
1186 Bobwhite Drive	1444 Dove Lane

No Further Action recommendation (91 addresses):

137 Laurel Bay Blvd	771 Althea Street
139 Laurel Bay Blvd	927 Albacore Street
229 Cypress Street	1015 Foxglove Street
261 Beech Street	1046 Gardenia Drive
276 Birch Drive	1062 Gardenia Drive
278 Birch Drive	1070 Heather Street
291 Birch Drive	1072 Heather Street

300 Ash Street	1107 Iris Lane
304 Ash Street	1126 Iris Lane
314 Ash Street	1129 Iris Lane
322 Ash Street	1138 Iris Lane
323 Ash Street	1161 Jasmine Street
324 Ash Street	1167 Jasmine Street
339 Ash Street	1170 Jasmine Street
344 Ash Street	1190 Bobwhite Drive
348 Ash Street	1219 Cardinal Lane
349 Ash Street	1305 Eagle Lane
362 Aspen Street	1353 Cardinal Lane
376 Aspen Street	1354 Cardinal Lane
380 Aspen Street	1357 Cardinal Lane
383 Aspen Street	1361 Cardinal Lane
387 Acorn Drive	1364 Cardinal Lane
392 Acorn Drive	1368 Cardinal Lane
396 Acorn Drive	1377 Dove Lane
433 Elderberry Drive	1381 Dove Lane
439 Elderberry Drive	1391 Dove Lane
442 Elderberry Drive	1403 Eagle Lane
443 Elderberry Drive	1404 Eagle Lane
444 Elderberry Drive	1405 Eagle Lane
445 Elderberry Drive	1406 Eagle Lane
446 Elderberry Drive	1408 Eagle Lane
448 Elderberry Drive	1410 Eagle Lane
449 Elderberry Drive	1412 Eagle Lane
451 Elderberry Drive	1413 Albatross Drive
453 Elderberry Drive	1414 Albatross Drive
464 Dogwood Drive	1417 Albatross Drive
466 Dogwood Drive	1421 Albatross Drive
467 Dogwood Drive	1422 Albatross Drive
469 Dogwood Drive	1425 Albatross Drive
471 Dogwood Drive	1427 Albatross Drive
475 Dogwood Drive	1430 Dove Lane
516 Laurel Bay Blvd	1432 Dove Lane
531 Laurel Bay Blvd	1438 Dove Lane
532 Laurel Bay Blvd	1453 Cardinal Lane
645 Dahlia Drive	1455 Cardinal Lane
763 Althea Street	



June 20, 2017

Commanding Officer
Attention: NREAO Mr. William A. Drawdy
United State Marine Corps Air Station
Post Office Box 55001
Beaufort, SC 29904-5001

RE: Approval Response to Comments and Draft Final Revision 1 Vapor Intrusion Report July 2015, January 2016 and May 2016, Laurel Bay Military Housing Area, Multiple Properties

RE: Approval Response to Comments and Draft Final Revision 1 Letter Report - Petroleum Vapor Intrusion Investigations - June 2016 and January 2017, Multiple Properties, Laurel Bay Military Housing Area

Dear Mr. Drawdy:

The South Carolina Department of Health and Environmental Control (DHEC) received the above referenced response to comments and errata pages on May 24 and June 7, 2017. The regulatory authority for the investigation and cleanup of releases from these tank systems is the South Carolina Pollution Control Act (S.C. Code Ann. §48-1-10 et seq., as amended).

DHEC has reviewed the response to comments and errata pages. Based on this review, DHEC did not generate any additional comments. Please note that the Department's decision is based on information provided by the Marine Corps Air Station (MCAS) to date. Any information found to be contradictory to this decision may require additional action. Furthermore, the Department retains the right to request further investigation if deemed necessary. If you have any questions, please contact me at petruslb@dhec.sc.gov or 803-898-0294.

Sincerely,

Laurel Petrus
Department of Defense Corrective Action Section

Cc: Russell Berry, EQC Region 8
Shawn Dolan, Resolution Consultants
Bryan Beck, NAVFAC MIDLANT